

1902 - Serving Our Community for over 110 Years - 2017
WEST BAY SANITARY DISTRICT
AGENDA OF BUSINESS
REGULAR MEETING OF THE DISTRICT BOARD
WEDNESDAY, JULY 26, 2017 AT 7:00 P.M.
RONALD W. SHEPHERD ADMINISTRATION BUILDING,
500 LAUREL STREET, MENLO PARK, CALIFORNIA 94025

Board Members

Edward P. Moritz, President
Roy Thiele-Sardiña, Secretary
David Walker, Treasurer
Fran Dehn, Member
George Otte, Member

District Manager

Phil Scott

District Legal Counsel

Anthony Condotti, Esq.

AGENDA OF BUSINESS

NOTE: The Board may take action on any agenda item unless specifically designated a “discussion” item or a “report.”

1. Call to Order
2. Roll Call
3. Communications from the Public
4. Discussion and Hearing regarding Claim for 816 Laurel Avenue Pg. 4-1
5. Consider Discussion and Direction on Video Recording and/or Broadcasting of District Board Meetings Pg. 5-1
6. District Manager’s Report Pg. 6-1
7. Consent Calendar

Matters listed under this item are considered routine and will be enacted by one motion. The motion, seconds, and vote are applicable to any included resolutions and recorded accordingly. There will be no separate discussion of these items unless specifically requested by a member of the Board.

 - A. Approval of Minutes for Regular meeting June 28, 2017 Pg. 7A-1
 - B. Approval of the Withdrawal Order Authorizing Payment of Certain Bills and Salaries and Consideration of Other Financial Matters for July 26, 2017 Pg. 7B-1
 - C. WBSD Operations and Maintenance Report – June 2017 Pg. 7C-1
 - D. Town of Los Altos Hills Operations and Maintenance Report for Work Performed by WBSD – June 2017 Pg. 6D-1
 - E. Consider to Ratify and Approve Report on District’s Investment Portfolio Including the Transactions of Assets Described Therein as of 6-30-17 Pg. 7E-1
 - F. Consideration of Resolution Consenting to Annexation of Territory to the West Bay Sanitary District by the San Mateo County Local Agency Formation Commission – 109 Santa Maria Avenue, Portola Valley (076-236-010) Pg. 7F-1
 - G. Consideration of the District Manager’s Issuance of the Class 3 Permit for the Offsite Improvements on Oak Grove and Garwood Way Required for the Development Project at 1300 El Camino Real, Menlo Park, CA Pg. 7G-1

- H. Consideration of Authorizing the District Manager to Issue Class 3 Sewer Permit No. 1070 for the Construction of Gravity Sewer Connection and Main Line Extension for 777 Sharon Park Drive, Menlo Park, California Pg. 7H-1
 - I. Consideration of Approving Contract Change Order No. 2 to Ranger Pipelines, Inc. for the Belle Haven II Sewer Rehabilitation Capital Improvement Project in Menlo Park, CA
8. Consider Adoption Of Resolution Approving Amendment No.3 To The Maintenance Services Agreement Between West Bay Sanitary District And The Town Of Woodside For Sanitary Sewer Maintenance Services for The Town of Woodside And Authorize The District Manager To Execute the Amended Agreement On Behalf Of The District Pg. 8-1
 9. Consideration to Approve Authorizing the District Manager to Execute Amendment #6 to the Professional Services Agreement Dated February 6, 2015, with RMC Water and Environment for USBR Grant Application for the Recycled Water Project – Sharon Heights in the Amount of \$21,536 Pg. 9-1
 10. Consideration to Approve Authorizing WaterSmart Title XVI Water Recycling Projects Under the WIIN Act and Authorizing the District Manager to Execute a Grant Agreement with the U.S. Department of the Interior, Bureau of Reclamation, Mid-Pacific Region for WIIN Act Grant Funding Pg. 10-1
 11. Discussion and Direction on Recycled Water Project and on Negotiations with Sharon Heights Golf Course on Long-Term Agreement Pg. 11-1
 12. Report & Discussion on South Bayside Waste Management Authority (SBWMA) and Negotiations for Franchise Agreement Extension Pg. 12-1
 13. Report & Discussion on Silicon Valley Clean Water (SVCW) and Discussion on SVCW CIP Program Pg. 13-1
 14. Closed Session:
 - A. LIABILITY CLAIMS
(Cal. Govt. Code §54956.9(d)(2))
Claim of M. Brown (816 Laurel Ave., Menlo Park)
 - B. CONFERENCE WITH LABOR NEGOTIATORS
(Cal. Govt. Code §54957.6)
District's designated representative: District Manager
Employee Organization: Teamsters, Local 350
Position being discussed: Field Supervisor *Step Increase*
 - C. CONFERENCE WITH LABOR NEGOTIATORS
(Cal. Govt. Code §54957.6)
Agency Designated Representative: District Manager
Unrepresented Employees: Exempt Employees
 15. Discussion and Direction on Metal Storage Building at Flow Equalization Facility Pg. 15-1
 16. Comments or Reports from Members of the District Board and Consider Items to be Placed on Future Agenda
 17. Adjournment

The West Bay Sanitary District does not discriminate against persons with disabilities. Upon request, the agenda and agenda packet can be provided in a format to accommodate special needs. If you require a copy of the agenda or related materials in an alternative format to accommodate a disability, or if you wish to attend this public meeting and will require special assistance or other special equipment, please call the District at (650) 321-0384 at least five days in advance and we will make every reasonable attempt to provide such an accommodation.



WEST BAY SANITARY DISTRICT AGENDA ITEM 4

To: *Board of Directors*

From: *Phil Scott, District Manager*

Subject: *Discussion and Hearing regarding Claim for 816 Laurel Avenue*

Background

The Homeowner at 816 Laurel Avenue has filed a claim to recover \$300 in plumber bills to clear a blockage in the sewer lateral that the Homeowner believes was caused by the District field crew cleaning the sewer main the day prior.

The District Manager has been given the authority to accept or reject claims up to \$5,000 by the District Board and this claim is slated for rejection pending hearing and action, if taken, by the Board. The District's policy is not to reimburse for plumbing bills unless the District has evidence it has caused the blockage.

Analysis

The Homeowner would like the opportunity to present the details of her claim to the Board.

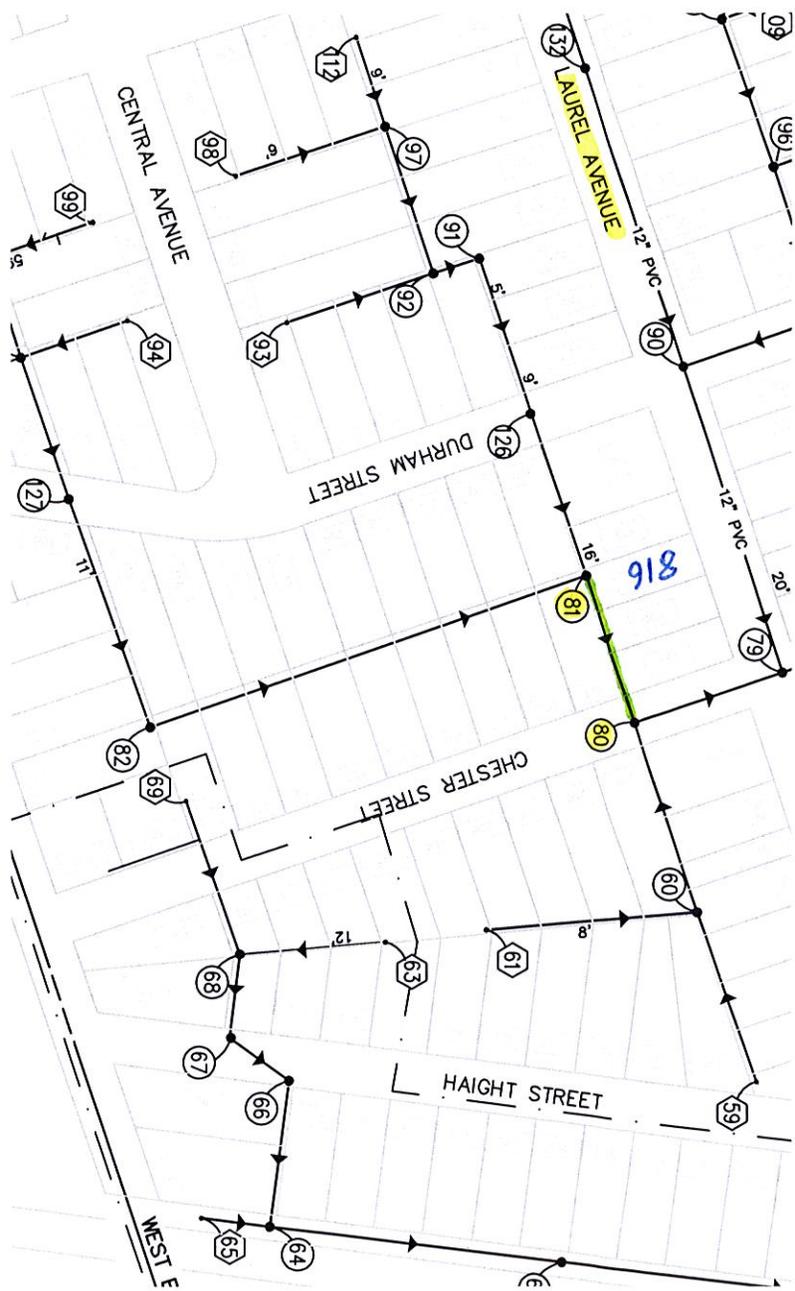
Fiscal Impact

If the Board takes action the liability of the claim is \$300.

Recommendation

The District Manager recommends the Board hear the claimant's case and discuss the claim in closed session and determine whether to take action on the claim.

PG. C11



1/2 SETTER



WEST BAY SANITARY DISTRICT AGENDA ITEM 5

To: *Board of Directors*

From: *Phil Scott, District Manager*

Subject: *Consider Discussion and Direction on Video Recording and/or Broadcasting of District Board Meetings*

Background

The District Board received a letter from one member of the public requesting a discussion on video broadcasting Board meetings. On May 24th the Board briefly discussed this item and requested staff research the topic and present more information in the July Board meeting.

Analysis

One example given, at the May meeting, of an agency video recording and broadcasting their Board meetings on YouTube was of Menlo Park Fire Protection District. Staff has reviewed their website and found the video to be improved over the videos of 2016 but still inferior and very much an amateur effort. The quality of the video is low and one lone camera records the entire Board room resulting in distant views of Board members, public and others present in the room. The speaker is often unidentifiable and the camera shows only the back of the speaker's head. Audio has been improved with the introduction of more microphones but identifying who is speaking when is still difficult.

The MPFPD has reportedly spent \$6,733 on their current system and staff controls the production and posting on YouTube.

Staff also inquired of the City of Menlo Park regarding their video recording system. The City of Menlo Park has a very sophisticated, very professional audio visual recording system. City staff could not provide a figure on the authorized expenditure but inspection of their system indicates that the purchase and installation would have easily reached the \$200k to \$300k range. In addition, they contract with Mid-Penn Media Center to control and produce the recordings for \$100/hour and each Council meeting typically requires 6 to 7 hours of work.

Further research has identified many other Audio Visual Equipment Replacement or Implementation projects. The following are a few examples. More examples can be found in the attachments:

1. Canton (Ohio) Municipal authorized a contract for the purchase and installation of upgraded audio visual equipment for an amount not-to-exceed \$20,255, August 2015.
2. City of Costa Mesa, CA, authorized a contract with Triton for \$1.2 M for Audio Visual Equipment System installation and contracted another \$600k for re-construction of the Council Chambers to accept the new audio visual recording configuration.
3. The City of Pearland Texas, authorized the purchase of audio visual equipment and network cabling for the City Hall Complex from DataVox, for the amount of \$377,803.12, in February 2017.
4. The City of Wildwood, MO, authorized the purchase and installation of audio visual recording and streaming equipment for the amount of \$23,496 in April 2017.
5. City of Ceres, CA, authorized the expenditure of \$85,521 to purchase and install upgraded audio visual equipment in the new Council Chambers and remove and reinstall some of the previously owned equipment in 2008 and 2009. \$8,000 of that expenditure was for an intercom system in the Community Center.
6. City of Foster City, CA, authorized a contract for approximately \$350,000 for purchase and installation of audio visual equipment in the Council Chambers in 2006.

The cost and quality of the audio visual recording systems vary greatly but staff has created 3 categories of systems for simplifying the discussion.

- A. **Amateur:** Typically consists of one video camera with no pan/tilt and possibly one microphone. Little to no production time spent and staff posts video recording on YouTube. This category system results in difficulty in identifying who is speaking, hard to decipher audio, and back of head shots of speakers/presenters.
- B. **Semi-Professional:** Typically consisting of two or three pan/tilt cameras, multiple microphones, and a control station for switching camera views. Will require some production time and staff posts video recording on website. This category of system will require a controller to use multiple cameras for angles that display Board members, speakers, presenters and zoom in on individuals as needed. It should result in eliminating back of head shots, improved audio and smooth camera angle changes.
- C. **Professional:** Typically consisting of 4 or more pan/tilt cameras, multiple microphones, speaker cue system, Board member monitors, recording system tied into the presentation views, speakers and monitors, and specialized software for website systems with bookmarked video for locating specific agenda items. This category of system requires experienced control personnel, ongoing maintenance and significant staff or vendor time to produce and load to website. This system should result in superior ease of use for those viewing the video

recordings, excellent audio, easy identification of speakers with zoomed in camera views.

From the prices shown above, staff experience and the research done to date, the cost of each category system may range as follows:

- A. Amateur = \$6,000 to \$12,000
- B. Semi-Professional = \$12,000 to \$75,000
- C. Professional = \$100,000 to \$200,000

What cannot be easily ascertained is the need for an audio visual recording system and what value would such a system bring to the ratepayer. Will it be used by persons other than those directly tied to the District (i.e. staff and Board members). Would the cost of such a system be justified? This is one of the main questions the Board may want to consider. Special Districts are not known for high public participation and do not usually consider highly emotional topics at Board meetings that seem to attract more public interest.

If the Board determines that an audio visual recording system is not needed, the District still meets basic public transparency by taking audio recordings and making minutes available on the website.

If the Board determines that public transparency should be enhanced with an audio visual recording system, then perhaps a Semi-Professional system will fit the District's needs. The cost would be moderate, and implementation would not be inordinately difficult. Some staff time will be required to control the audio system and the cameras and then finalize the recording and upload to the website.

Fiscal Impact

There is no direct fiscal impact of a discussion. Once decisions are made fiscal impacts will be further identified.

Recommendation

The District Manager recommends the Board discuss this issue and provide the District Manager direction on whether to stay with status quo or develop an RFP for a particular class of audio visual recording system.

Report to the District Board for the Regular Meeting of July 26, 2017

**CANTON COMMUNITY
REQUEST FOR BOARD ACTION**

MEETING DATE: August 11, 2015

AGENDA ITEM # G7

ITEM: Consider Award of a Purchase Order Contract for Audio Visual Equipment Replacement in the Public Works Training Room

PRESENTER: Tim Faas, Municipal Services Director

INDIVIDUALS IN ATTENDANCE: None anticipated

BACKGROUND: As part of the effort to more effectively utilize technology and increase productivity at the Division of Public Works, a Request for Proposals (RFP) was issued in July 2015. Three proposals were received and reviewed by a panel of staff members. We are requesting approval to purchase new audio visual equipment, related hardware, software and installation services for our training room to replace the outdated equipment installed about thirteen years ago.

As the primary conference room that serves as a hub for meetings, webinars, and training sessions at the Public Works Building, the training room is invaluable for meeting the needs of the operation. However the existing equipment is outdated and well beyond its useful service life. Given the advancements of mobile and wireless technology which allow attendees to exchange ideas and data, it is essential that we upgrade the existing equipment. This facility also serves as the Township's backup Emergency Operations Center (EOC), so upgrades are necessary in the event it becomes the Township's base of operation following an emergency.

The project encompasses installing a new overhead projector, a new interactive Smart Board with video-conferencing, a new master controller/switcher station, a remote podium/lectern for speaker presentations, and an upgraded sound system. Some of the existing equipment will be re-used where possible.

The Township received three (3) formal proposals in response to our RFP. The lowest cost proposal was furnished by Provideo Services in an amount of \$18,413 for Alternate #1. A ten percent contingency should be added to cover any unknown costs for a total awarded amount of \$20,255. This firm recently completed the upgrade to the Township Board Room audio visual system. Staff is recommending award of the contract to Provideo Services.

STRATEGIC PLAN/GOALS: Over the past decade through the development and implementation of the DPW Strategic Plan, the increase in utilization of technology at the DPW has occurred at a rapid pace with the implementation of software applications like ArcGIS, Cityworks, Dig-Smart, and Onbase among others. The DPW also hosts numerous meetings and training sessions related to the operation, and it is essential that we have the tools to effectively make use of this facility.

ACTION REQUESTED: Approve a purchase order contract with Provideo Services for purchase and installation of upgraded audio-visual equipment for an amount not-to-exceed \$20,255.

BUDGET IMPLICATIONS & ACCOUNT NUMBER: Sufficient funds were budgeted in 2015 Water & Sewer Fund for this project in accounts #592-536.970_0020 and #592-537.970_0020,

Capital Outlay Buildings & Improvements.

IMPLEMENTATION PLAN: Upon approval by the Board of Trustees, Public Works will create a Purchase Order for Provideo Services and give notice to proceed with the project.

DIRECTOR'S RECOMMENDATION: Approval

FINANCE AND BUDGET DIRECTOR'S RECOMMENDATION: Approval

SUPERVISOR'S RECOMMENDATION: Approval

MODEL RESOLUTION: I move to award a purchase order contract with Provideo Services of Perrysburg, Ohio for the purchase and installation of upgraded audio visual equipment at the Public Works facility for an amount not-to-exceed \$20,255.

ATTACHMENTS:

1. Specifications
2. List of Proposals Submitted
3. Provideo Services Proposal

Charter Township of Canton



Request For Proposal

for

DESIGN & CONSTRUCTION OF THE DPW TRAINING ROOM

Contact: Dave Maurice
E-Mail: dave.maurice@canton-mi.org
Phone: (734) 394-5282

Date Issued: 6/25/2015

Due Date & Time: 3:00 p.m., Thursday, July 16, 2015

The deadline established for the receipt of your sealed PROPOSAL is [7/16/2015](#) at 3:00 p.m. The proposal is to be submitted to the Clerk's Office, 1150 S. Canton Center Road, Canton, Michigan 48188. Address the proposal to:

Canton - Clerk's Office
DESIGN& CONSTRUCTION OF THE DPW TRAINING ROOM
DUE 7/16/2015 AT 3:00 P.M.
1150 Canton Center S
Canton MI 48188

GENERAL REQUIREMENTS & INSTRUCTIONS

- 1. SUBMISSION OF OFFERS:** All offers should be submitted in a sealed envelope or package. The invitation title and opening date shall be clearly displayed on the outside of the sealed envelope or package. The delivery of responses to the Clerk's Office prior to the specified date and time is solely and strictly the responsibility of the offeror. Any submittal received in the Clerk's Office after the specified date and time will not be considered. Responses shall be submitted on the forms provided by Canton. Additional information may be attached to the submittal. Facsimile submissions are NOT acceptable. No offer may be modified after acceptance. No offer may be withdrawn after opening for a period of sixty days unless otherwise specified. Bid must include all costs. **All offers must include the original and at least (2) copies.**
- 2. EXECUTION OF OFFER:** Offer shall contain a manual signature in the space(s) provided of a representative authorized to legally bind the offeror to the provisions therein.
- 3. EXECUTION OF ACCEPTANCE:** Canton Township legally recognizes acceptance of formal offer when a written contract is signed by both parties. Offerer is not to assume that the Canton Board of Trustees resolution approving the bid or proposal is a binding contract.
- 4. OPENING & RECORDING:** Opening shall be public in the Clerk's Office immediately following the advertised deadline date and time for receipt of submittals.
- 5. INTEGRITY:** Canton Township does not discriminate on the basis of race, color, national origin, sex, religion, age or disability in employment or the provision of services.
- 6. TABULATION:** Bid results will be posted on the Township's website at www.canton-mi.org Please click on [Doing Business](#), [Bids & Proposals](#) and then click on [Bid Results](#).
- 7. BOARD AWARDS:** As the best interest of Canton may require, Canton reserves the right to make award(s) by an individual item, group of items, all or none, or a combination thereof; on a geographical basis and/or on a countrywide basis with one or more supplier(s) or provider(s); to reject any and all offers or waive any irregularity or technicality in offers received. Offerors are cautioned to make no assumptions. Any or all awards made as a result of this invitation shall conform to applicable ordinances and policies of Canton Township. Bid awards will be posted on the Township's website at www.canton-mi.org. Please click on [Doing Business](#), [Bids & Proposals](#)

8. **BRAND NAME OR EQUAL:** If items requested by this invitation have been identified in the specifications by a brand name “OR EQUAL” description, such identification is intended to be descriptive and not restrictive and is to indicate the quality and characteristics of products that will be acceptable. Offers proposing “equal” products will be considered for award if such products are clearly identified in the offer and are determined by Canton to meet fully the salient characteristic requirements listed in the specifications.
9. **PRICING:** Unless otherwise specified prices offered shall remain firm for a period of at least sixty (60) days; all pricing of goods shall include FOB Canton Township, all packing, handling, shipping charges and delivery to any point(s) within Canton to a secure area or inside delivery.
10. **PAYMENT TERMS:** Canton Township will remit full payment on all undisputed invoices within thirty (30) days from receipt by the appropriate person(s) of the invoice or receipt of all products or services ordered.
11. **INCURRED EXPENSE:** This invitation does not commit Canton to make an award nor shall Canton be responsible for any cost or expense which may be incurred by any respondent in preparing and submitting a reply, or any cost or expense incurred by any respondent prior to the execution of a purchase order or contract agreement.
12. **QUESTIONS/ ADDENDA:** Any questions concerning the conditions or specifications shall be directed to the designated contact person. Addenda items will be posted on the township website, on the Purchasing Division page under Requests for Bids, Proposals and Qualifications. It is the bidder’s responsibility to check and verify that addenda have been issued. Failure to acknowledge addenda may result in the offer not being considered.
13. **CLARIFICATION/CORRECTION OF ENTRY:** Canton reserves the right to allow for the clarification of questionable entries and the correction of OBVIOUS MISTAKES.
14. **INSURANCE:** The successful bidder is required to furnish evidence of the following insurance requirements in accordance with Canton’s Risk Management Policy O:02. Work may not commence until the Certificates of Insurance have been received. The coverage requirements are as follows:

Commercial General Liability – Limits of liability not less than \$1,000,000 per occurrence and/or aggregate combined single limit, Personal Injury, Bodily Injury, and Property Damage. Coverage shall include the following extensions: Contractual Liability, Products and Completed Operations, Independent Contractor Coverage Broad Form General Liability Extensions, Deletion of all Explosion, Collapse, and Underground Exclusions, if applicable. Canton shall be additionally insured.

Motor Vehicle Liability - Limits of liability not less than \$1,000,000 per occurrence combined single limit, Bodily Injury, and Property damage. Coverage shall include all owned vehicles, all non-owned vehicles, and all hired vehicles. Canton shall be additionally insured.

Worker's Compensation Insurance – The successful bidder shall procure and maintain workers compensation insurance, including Employers Liability Coverage, in accordance with all applicable statutes of the State of Michigan.

- 15. PUBLIC ACT 517 OF 2012:** In accordance with Public Act 517 of the Public Acts of 2012, any Iran linked business is not eligible to submit a bid on a request for proposal with a public entity in Michigan. An “Iran linked business” includes the following:
- (1) A person engaging in investment activities in the energy sector of Iran, including a person that provides oil or liquefied natural gas tanker or products used to construct or maintain pipelines used to transport oil or liquefied gas for the energy section of Iran; and
 - (2) A financial institution that extends credit to another person, if that person will use the credit to engage in investment activities in the energy sector of Iran.

For purposes of this prohibition, “person” includes an individual, corporation, company, limited liability company, business association, partnership, society, trust, or any other non-governmental entity, organization or group. It also includes a governmental entity or instrumentality of a governmental entity, or any successor, subunit, parent company or subsidiary of, or company under common ownership or control with and of the foregoing.

CHARTER TOWNSHIP OF CANTON

Request for Proposals for Public Works Training Room Audio Visual System

Purpose

The Charter Township of Canton is seeking proposals from qualified organizations/individuals to provide new and upgraded audio visual system for the Canton Township Division of Public Works (DPW) Training Room.

Qualifications and Experience

To be eligible to respond to this RFP, bidders must demonstrate that they have successfully performed the services in the Scope of Services section of this RFP.

The winning bidder must be able to demonstrate that they are in compliance with all applicable federal, state and local laws and rules and regulations. The winning bidder must have sufficient staff and technical expertise to provide the equipment and installation knowledge listed in the Scope of Services, as services may not be subcontracted without the prior approval of the Township. The winning bidder shall have conducted business in the state of Michigan for a **minimum** of five (5) consecutive years. Lead representative responsible for our account shall have the experience, education, and ability to implement the project efficiently, and communicate effectively with the Township staff who are managing the project.

Goals

Canton Township's goals in upgrading the audio visual system for the DPW Training Room are:

1. To ensure that the improved audio visual system allows for easy access and operation to meet the needs of Public Works staff.
2. To ensure that the new system uses current technology and makes use of other available hardware and software.
3. Assist Canton Township in spotting significant trends in emerging technologies to implement that will meet the demands of the Public Works department now with a life expectancy of a reasonable amount of time in the future based on computer software and hardware life cycle expectancy.
4. Make use of Wi-Fi and other current technology when possible.

Scope of Services

1. Develop an audio-visual design for the DPW Training Room that outlines all proposed equipment to be installed and/or updated; how it will be installed and implemented; describe why it's part of the solution; and how it will be used by and benefit staff and other users once the project is completed.
2. Install new audio-visual Master Control Station equipment that allows for manipulation and control of all audio and visual related equipment.
3. Install a mobile remote podium or work station that allows department staff and/or visitors to interface a laptop or tablet and control all audio-visual equipment.
4. Replace the primary overhead projector for the room that displays presentations onto the main screen used for large meetings and other events that can be controlled by the Master Control Station or the remote podium or work station control station.
5. Install a smaller overhead projector, OR wide screen TV, OR interactive display board on the side wall toward the rear of the room, to accommodate smaller meetings.
6. Install an upgraded sound system that provides quality audio for the Training Room, and utilizes a stationary microphone at the Master Control Station, and a wireless microphone for speaker mobility as part of the system.
7. Each proposal should include a detailed description of all fees with a total cost.

CHARTER TOWNSHIP OF CANTON
DESIGN & CONSTRUCTION OF THE DPW TRAINING ROOM

(This form must be completed and included with Bid)

Company Name _____

Company Address _____

Employer Identification Number _____

Contact Person _____

Phone No. _____

Fax No. _____

E-Mail Address _____

Signature _____

Woman or Minority Business Enterprise: _____

USE OF SUBCONTRACTORS:

To provide all the services listed in the specifications, would any services be handled by subcontractors? _____ Yes/No If "Yes", please explain:

Subcontractor Name(s): _____

PROJECT MANAGER:

Would your company be able to provide a single project manager for this work? _____ Yes/No

Name: _____ Credentials: *(Please list)*

Title: _____

REFERENCES: List 3 clients who have had work meeting (or similar to) the Specifications:

	<u>COMPANY</u>	<u>ADDRESS</u>	<u>CONTACT</u>	<u>PHONE</u>
1)	_____	_____	_____	_____
2)	_____	_____	_____	_____
3)	_____	_____	_____	_____

THE FOREGOING IS A TRUE STATEMENT OF FACTS:

I/we hereby certify under penalty of law that we are not an Iran linked business as defined in PA 517 of 2012.

Signature of Authorized Company Representative: _____

Company _____

Address: _____

Date: _____

Representative's Name _____

(Please Print)

REQUEST FOR PROPOSAL FOR:

DESIGN & CONSTRUCTION OF THE DPW TRAINING ROOM

DATE RECORDED: THURSDAY, JULY 16, 2015

TIME: 3:00 PM

NAME	ADDRESS PHONE NUMBER	DATE RECEIVED	(Check if included)
Provideo	26471 SouthPoint Road Perrysburg, OH 43551 (419) 874-2850	7/15/2015	<input type="checkbox"/> Bid Bond <input type="checkbox"/> Public Act 517
I.COMM Corporation	24600 Industrial Drive Farmington Hills, MI 48335 (248) 826-9495	7/16/2015	<input type="checkbox"/> Bid Bond <input type="checkbox"/> Public Act 517
Sound Engineering, Inc.	12933 Farmington Road Livonia, MI 48150 (734) 522-2910	7/16/2015	<input type="checkbox"/> Bid Bond <input type="checkbox"/> Public Act 517
			<input type="checkbox"/> Bid Bond <input type="checkbox"/> Public Act 517

PROVIDEO

Consulting ♦ Design ♦ Sales ♦ Service ♦ Integration



July 14, 2015

Mr. Dave Maurice
Charter Township of Canton
1150 Canton Center S.
Canton, MI 48188

RE: DESIGN & CONSTRUCTION OF THE DPW TRAINING ROOM

Dear Dave,

Thanks for the opportunity to quote for you a new AV system for the DPW Training Room.

SCOPE OF WORK

For this project we will provide a Kramer VP-444 presentation switcher/scaler for all AV input sources. This will include local connections from the room PC and DVD player, as well as guest connections from a new presentation lectern. We will accommodate both VGA and HDMI connectivity at the lectern location. We will also be installing some display devices in the form of a wall monitor and a projector. The projector will be a 4400 lumen HD projector and will be set to fill the width of the existing screen in a 16:9 aspect ratio. The monitor for small group meetings will be an 80" HD monitor. The HD switcher will scale all the outputs to both display devices to 1080p.

We will be reusing the existing equipment rack in the room as well as reusing the existing audio amp and wireless microphone. The Kramer VP-444 presentation switcher accommodates for two mic/line inputs in addition to the audio from connected video sources. We will utilize these two channels for connecting a hard wired microphone for the room PC workstation, and for connecting the existing Audio Technical Wireless Mic System. The audio output of the Kramer VP-444 will be sent to the existing QSC 4-zone amplifier which will reproduce the signal through six (6) new Evid 8.2 ceiling speakers distributed throughout the room.

A new Kramer K-TOUCH III control system will be programmed to control the system. There will be a table-top charging base station that the control panel will reside on. However, the control panel will be wireless and therefore can be moved to any location in the room when needed. It will need to be returned to the control station for charging after use. We will program the system for the following control functions.

Corporate Headquarters

26471 SouthPoint Rd. • Perrysburg, Ohio 43551
419-874-2850 • Fax: 419-874-8056

Columbus Branch

6543 Commerce Pkwy, Suite A • Dublin, OH 43017
614-261-1272 • Fax: 419-874-8056

www.provideosystems.com

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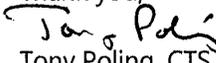
- System Power On and Off.
 - With separate display on/off controls for those times when you only need one display or no display at all.
 - Volume control, including mic level control and video source audio control.
 - DVD transport and navigation functions.
 - Video switching between AV sources, Lectern Connection, Room PC, and DVD Player.
- The touch panel will be programmed for intuitive use of the AV system in the room. We will of course then also provide training on how to use the system including start up and shut-down procedures, connectivity, and control.

ALTERNATE SYSTEMS

As alternates to our base bid system which meets the minimum requirements of the bid, I have included two alternate proposals for your consideration as well.

- **ALTERNATE SYSTEM 1:**
 - We will add wireless connectivity and collaboration for users of the room. Users will be able to connect to the AV system wirelessly and share and collaborate on content from laptops, MacBooks, iPads, iPhones, and Android based tablets or phones.
 - We will also replace the 80" monitor with a 70" interactive whiteboard monitor. The interactive touch panel would act as an extension form the room PC and allow for whiteboard sessions to be saved electronically and shared as needed.
 - This system will also be setup so whiteboard sessions could also be viewed on the projection system.
- **ALTERNATE SYSTEM 2:**
 - Includes everything from Alternate System 1 with the addition of a new motorized HD format projection screen. We would replace the existing screen with a new screen in 16:9 Aspect ratio.

Thanks again for allowing me to provide a proposal to upgrade the AV system at the DPW training room. Please allow me the opportunity to answer any questions regarding this proposal's consideration should there be other systems you may be considering for this project.

Thank you,

Tony Poling, CTS
ProVideo Systems, Inc.
(419) 874-2850

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26471 SouthPoint Rd. • Perrysburg, Ohio 43551
419-874-2850 • Fax: 419-874-8056

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www.provideosystems.com

CHARTER TOWNSHIP OF CANTON
DESIGN & CONSTRUCTION OF THE DPW TRAINING ROOM

(This form must be completed and included with Bid)

Company Name ProVideo Systems, Inc.

Company Address 26471 SouthPoint Road Perrysburg, Ohio 43551

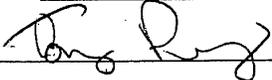
Employer Identification Number 34-1657683

Contact Person Tony Poling

Phone No. 419-874-2850

Fax No. 419-874-8056

E-Mail Address tony@provideosystems.com

Signature 

Woman or Minority Business Enterprise: _____

USE OF SUBCONTRACTORS:

To provide all the services listed in the specifications, would any services be handled by subcontractors? NO Yes/No If "Yes", please explain:

Subcontractor Name(s): _____

PROJECT MANAGER:

Would your company be able to provide a single project manager for this work? Yes Yes/No

Name: Jeremy Knoff, CQT Credentials: *(Please list)*

Title: Project Manager

CQT

REFERENCES: List 3 clients who have had work meeting (or similar to) the Specifications:

<u>COMPANY</u>	<u>ADDRESS</u>	<u>CONTACT</u>	<u>PHONE</u>
1) The Ohio State University	206a Research Services, 1680 Madison Ave.	Wooster, OH 44691	Randy Nemitz (330) 263-3700
2) Charter Township of Canton	46000 Summit Parkway	Canton, MI 48188	Dave Harris (734) 398-5241
3) The University of Toledo	2801 W. Bancroft Street, Office NI1010, MS 310	Toledo, OH 43606	Jonathan Rethorn (419) 530-8018

THE FOREGOING IS A TRUE STATEMENT OF FACTS:

I/we hereby certify under penalty of law that we are not an Iran linked business as defined in PA 517 of 2012.

Signature of Authorized Company Representative:



Company

ProVideo Systems, Inc.

Address:

26471 SouthPoint Road

Perrysburg, Ohio 43551

Date:

July 14, 2015

Representative's Name

Linda Goldsmith, President
(Please Print)

Confidential Sales Quotation

Canton Clerk's Office
 1150 Canton Center S.
 Canton, MI 48188
 Attn: Dave Maurice
 734.394.5282
 dave.maurice@canton-mi.org

Questions? Please call: 419-874-2850
Quote Number: 3012703
Date: 7/14/2015
Quote Expires on: 8/28/2015
Sales Person: Tony Poling, CTS

Item #	Mfr	Part #	Description	Price	Qty	Extend
RFP: DESIGN & CONSTRUCTION OF THE DPW TRAINING ROOM <u>BASE BID</u> <u>ROOM ITEMS</u>						
LECTERN						
1	Da-Lite	98105	LECTERN LEX FLR 25 NS LAM	\$1,282.00	1	\$1,282.00
2	Kramer	WXA-H	15-pin HD, 3.5mm Audio & HDMI Wall Plate	\$48.00	1	\$48.00
3	Kramer	C-HM/HM-3	HDMI (M) to HDMI (M) Cable - 3'	\$8.00	1	\$8.00
4	Kramer	C-GMA/GMA-3	15-Pin (M) to 15-Pin (M) + 3.5mm Stereo Cable - 3'	\$8.00	1	\$8.00
5	Kramer	SID-X1N	4-Input Multi-Format Video over DGKat Transmitter & Step-In Commander	\$660.00	1	\$660.00
PROJECTOR						
6	Epson	V11H620020	PowerLite 1980WU WUXGA 3LCD Projector, 4400 Lumens, Native Resolution: 1920 x 1200 (WUXGA), 2 HDMI inputs.	\$1,445.00	1	\$1,445.00
7	Chief	RSMAUW	MINI RPA ELITE, UNIVRSL, KEY A, WHT *RE-USE EXISTING CEILING DROP	\$140.00	1	\$140.00
SCREEN						
*RE-USE EXISTING SCREEN						
80" MONITOR						
8	Sharp	LC-80LE650U	80" Class AQUOS HD Series LED Smart TV, 1080p AQUOS LED panel, 4M:1 dynamic contrast ratio, 120Hz refresh rate, SmartCentral Smart TV, Most popular apps, Built-In Wi-Fi, Dual-Core processor, Web browse	\$2,835.00	1	\$2,835.00
9	Banks Warranty	UP34999	3 year on-site warranty repair (\$3,000- \$4,999.99) BASIC REMOVAL & REINSTALL	\$292.00	1	\$292.00
10	Chief	LSM1U	Large FUSION™ Micro-Adjustable Fixed Wall Display Mount	\$141.00	1	\$141.00
SPEAKERS						
11	Bosch	EVID C8.2	8" Coaxial speaker with horn loaded Ti coated tweeter - complete with back can enclosure, tile rails, and mounting ring - for 70v/100v or	\$251.00	3	\$753.00

Item #	Mfr	Part #	Description	Price	Qty	Extend
			8-ohm operation. Taps at 30, 15, 7.5, 3.75, and 1.88 watts (pair)			
			A/V RACK			
			*RE-USE EXISTING RACK			
12	MidAtlantic	PD-915R	POWER CONDITIONER 9OUT,15A,RCKMNT POWER CEN	\$79.00	1	\$79.00
13	Kramer	VP-444	VIDEO SWITCHING/SCALING 12-Input HDMI & Analog ProScale™ Presentation Switcher - Mic Inputs & Ethernet	\$914.00	1	\$914.00
			DVD/BLURAY PLAYER			
			*RE-USE EXISTING SHELF			
14	Samsung	BD-J5700	2D-Blu-ray Player,1-HDMI,1-USB,DLNA,WiFi Built-in,BD Wise,Allshare	\$104.00	1	\$104.00
			CONNECTIVITY			
15	Kramer	C-HM/HM-3	HDMI (M) to HDMI (M) Cable - 3'	\$8.00	2	\$16.00
16	Kramer	C-HM/HM-6	HDMI (M) to HDMI (M) Cable - 6'	\$12.00	1	\$12.00
17	Kramer	C-HM/HM/PRO-50	HDMI (M) to HDMI (M) Cable with Ethernet - 50'	\$56.00	2	\$112.00
18	Kramer	PT-572+	HDMI over Twisted Pair Receiver Over 1 STP Cable	\$135.00	1	\$135.00
			AUDIO SYSTEM			
			*RE-USE -			
			- Existing QSC CX404 AMP			
			- Existing AT WIRELESS MICROPHONE			
19	Sennheiser	E835-S	Handheld cardioid dynamic with on/off switch and MZQ800 clip. 11.6 oz.	\$98.00	1	\$98.00
20	Kramer	C-XLQM/XLQF-15	XLR (M) to XLR (F) Quad Style Cable - 10'	\$13.00	1	\$13.00
21	Atlas Sound	DMS7E (01-09)	RN BSE 10 IN 6#BS 8-13 IN EBY	\$34.00	1	\$34.00
			CONTROL SYSTEM			
22	PVS	K-TOUCH III - CONTROL PKG.	K-TOUCH III CONTROLLER PKG.: K-Touch Standard License for up to 5 devices, Wireless Touch-Panel Interface, Tabletop Charging Base Station, Touch-Panel Sleeve, Design Layout of Interface.	\$890.00	1	\$890.00
23	Kramer	FC-24ETH	4-Port Ethernet Controller	\$364.00	1	\$364.00
24	Global Cache	GLO-IP2IR	Global Cache iTach Wired TCP/IP to IR.	\$101.00	1	\$101.00
			SHIPPING			
25	PVS	SHIP	Shipping and Handling charges	\$320.00	1	\$320.00
			INSTALLATION			
26	PVS	Installation	Installation Services: Labor, Materials, QC, Training, Programming 1) Unrack existing AV Rack Keep the following items. - QSC Amplifier - Audio Technica Wireless Mic - SHELF for DVD-BLURAY PLAYER 2) Install new Projector and Mount using	\$4,745.00	1	\$4,745.00

Item #	Mfr	Part #	Description	Price	Qty	Extend
			<p>existing pole. Pull 50' HDMI and RS-232 Control cable from Rack area.</p> <p>3) Mount 80" Monitor on wall. Pull 50' HDMI and RS-232 Control cable from Rack area.</p> <p>4) Rack new equipment in AV Rack. This includes:</p> <ul style="list-style-type: none"> - New Switcher/Scaler (Scaler to 1080p), output 1 is projector, output 2 is Monitor. Mic 1 input is wireless mic, Mic 2 input is Sennheiser for tabletop stand at computer workstation. <p>5) Install new lectern with SID-X1N. 15' Power and Cat6 snake to wall. Cat6 pass thru plate for extension to PT-572+ in rack.</p> <p>6) Provide Wireless Router for Control System.</p> <p>7) Program PWR ON/OFF for all devices, VOL +/- for Switcher output. ETH: Switcher, RS-232: Monitor and Projector, IR: for BLURAY player if needed.</p> <p>8) Remove existing room speakers from the wall. INSTALL Six new ceiling speakers, zoned 2 per zone on 4ohm load.</p> <p>9) Train on use of system.</p> <p>10) OPTIONS WILL REQUIRE ADDITIONAL INSTALLATION.</p> <p style="text-align: right;">Subtotal</p> <p style="text-align: center;">Thanks for your business!</p>			<u>\$15,549.00</u>

I accept the terms and conditions of this quotation.

Signed: _____ PO#: _____

Name: _____ Title: _____

Terms: 30% Down/Net 30 On Orders Over \$10,000.00.
Credit Approval Required.
Major credit cards accepted with a 3% service fee.
Delivery Instructions:
 Must arrive by: ___/___/___ Partial Shipment? [] Yes [] No

Sub-Total	\$15,549.00
Tax	
Total	\$15,549.00

For your protection . . . We recommend surge suppressors, tape backup, and anti-virus software for every system.

3012703

System Integration: *Progressive payments due with equipment arrival at ProVideo Systems, Inc. facilities; notarized manifest upon request.*

26471 SouthPoint Road ~ Perrysburg, Ohio 43551 ~ 419-874-2850 ~ 419-874-8056 (FAX)
www.provideosystem.com

TERMS AND CONDITIONS

1. Any product supplied or service performed by the DEALER is warranted in regard to workmanship for the period provided in the equipment manufacturer's warranty. NO OTHER WARRANTY OR GUARANTEE, EXPRESSED OR IMPLIED, INCLUDING ANY WARRANTY AS TO MERCHANTABILITY OR FITNESS FOR ANY PURPOSE, IS MADE UNLESS THE SAME IS SPECIFICALLY SET FORTH HEREIN.
2. All products supplied or services performed by the DEALER shall conform to the specifications provided by the manufacturer. Should any product or service not conform to such specifications, the BUYER shall notify the DEALER immediately, but in no case later than 10 working days after receipt and acceptance of such products or services. Upon determination by the DEALER that such a nonconformity to specifications exists, the DEALER will, at its option, either repair or replace such products upon return of defective product(s) or material or will adjust the matter fairly and promptly. UNDER NO CIRCUMSTANCES WILL THE DEALER BE OBLIGATED FOR CONSEQUENTIAL OR OTHER DAMAGES, LOSSES OR EXPENSES INCURRED IN CONNECTION WITH OR BY REASON OF THE USE OF OR INABILITY TO USE SUCH PRODUCTS OR SERVICES PURCHASED FOR ANY PURPOSE.
3. Merchandise ordered "SPECIAL" or "MADE TO ORDER" is NON-CANCELABLE, unless approved by the DEALER, which will be subject to any and all cancellation charges or restocking charges, shall be the expense of the buyer.
4. Delivery shall be made to the BUYER in accordance with the agreement contained on the front page of this Confidential Quotation provided that the DEALER shall not be liable for delays or defaults in deliveries due to causes beyond its control, including, but not limited to, acts of God and nature, strikes, labor unrest or shortages, transportation delays or difficulties, flood, fire, accidents, civil unrest, war, governmental interference or embargoes, shortages of fuel, power, materials or supplies. Shipments made within 10 working days of BUYER requested or specified date of delivery shall constitute a good delivery.
5. Unless shown to the contrary on the front page of this Confidential Quotation, all products are shipped F.O.B. shipping point of origin and BUYER shall pay all freight and delivery charges at the lowest published rate for the regular method of shipping. Any special or non-customary handling charges by a carrier shall also be the responsibility of the BUYER.
6. Prices of specified products and services are exclusive of federal, state and local excise, use and sales taxes. Whenever applicable, any such tax or taxes will be added to the invoice as a separate charge for which the BUYER will be responsible.
7. Payment shall be as provided on the front page of this Confidential Quotation. BUYER agrees to pay 1-1/2% per month interest on all amounts not paid when due. BUYER also agrees to pay any and all expenses incurred by the DEALER in the collection of past due amounts. All credit card orders will be charged an additional 3% service fee.
8. The DEALER shall have the right, in addition to all other rights it may possess, to withhold shipment in whole or in part, to recall goods in transit or to repossess all goods which might be stored with the DEALER for the BUYER'S account, without the necessity of taking any other proceedings in the event of BUYER default(s) or adverse credit reason(s). The forgoing shall not be construed as limiting in any manner the rights or remedies available to the DEALER because of any default(s) of the BUYER under applicable Uniform Commercial Code as in force and effect.
9. These terms and conditions shall supersede any provisions, terms and conditions contained on any confirming Purchase Order or other writing the BUYER may give or receive. The rights of the parties shall be governed exclusively by the provisions, terms and conditions of this Confidential Quotation except as the parties may mutually agree in writing.
10. This Confidential Quotation is not a firm offer and may be changed or revoked at any time. In no instance shall this offer remain open beyond the date set forth on the front page of this Confidential Quotation. Acceptance of this offer is expressly limited to the exact terms contained herein and any attempt to alter or omit any of such terms shall be deemed a rejection and a counteroffer.

ACCEPTED BY: _____ TITLE: _____

Confidential Sales Quotation

Canton Clerk's Office
 1150 Canton Center S.
 Canton, MI 48188
 Attn: Dave Maurice
 734.394.5282
 dave.maurice@canton-mi.org

Questions? Please call: 419-874-2850
Quote Number: 3012717
Date: 7/14/2015
Quote Expires on: 8/28/2015
Sales Person: Tony Poling, CTS

Item #	Mfr	Part #	Description	Price	Qty	Extend
RFP: DESIGN & CONSTRUCTION OF THE DPW TRAINING ROOM <u>ALTERNATE SYSTEM 1</u> Adds wireless device connectivity and collaboration as well replaces the 80" monitor with a 70" interactive whiteboard monitor.						
<u>ROOM ITEMS</u>						
LECTERN						
1	Da-Lite	98105	LECTERN LEX FLR 25 NS LAM	\$1,282.00	1	\$1,282.00
2	Kramer	WXA-H	15-pin HD, 3.5mm Audio & HDMI Wall Plate	\$48.00	1	\$48.00
3	Kramer	C-HM/HM-3	HDMI (M) to HDMI (M) Cable - 3'	\$8.00	1	\$8.00
4	Kramer	C-GMA/GMA-3	15-Pin (M) to 15-Pin (M) + 3.5mm Stereo Cable - 3'	\$8.00	1	\$8.00
5	Kramer	SID-X1N	4-Input Multi-Format Video over DGMat Transmitter & Step-In Commander	\$660.00	1	\$660.00
PROJECTOR						
6	Epson	V11H620020	PowerLite 1980WU WUXGA 3LCD Projector, 4400 Lumens, Native Resolution: 1920 x 1200 (WUXGA), 2 HDMI inputs.	\$1,445.00	1	\$1,445.00
7	Chief	RSMAUW	MINI RPA ELITE, UNIVRSL, KEY A, WHT *RE-USE EXISTING CEILING DROP	\$140.00	1	\$140.00
SCREEN *RE-USE EXISTING SCREEN						
70" INTERACTIVE MONITOR/WHITEBOARD						
8	Sharp	PN-L703B	70" Interactive Display System; AQUOS BOARD - LED TV - HD - LED Backlight - 70 Inch - 10-Point Multi-Touch Screen - 1920 x 1080 - 1080P - 16:9 - 3000:1 - 300 cd/m2 - 6 Ms - LAN - 160/160 - 10W + 10W Stereo speakers - 3-Year Onsite Limited Warranty	\$5,139.00	1	\$5,139.00
9	Gefen	EXT-USB2.0-LR	Extends USB 2.0 peripherals up to 330' over CAT-5 cable	\$338.00	1	\$338.00
SPEAKERS						

Item #	Mfr	Part #	Description	Price	Qty	Extend
10	Bosch	EVID C8.2	8" Coaxial speaker with horn loaded Ti coated tweeter - complete with back can enclosure, tile rails, and mounting ring - for 70v/100v or 8-ohm operation. Taps at 30, 15, 7.5, 3.75, and 1.88 watts (pair)	\$251.00	3	\$753.00
			A/V RACK *RE-USE EXISTING RACK			
11	MidAtlantic	PD-915R	POWER CONDITIONER 9OUT,15A,RCKMNT POWER CEN	\$79.00	1	\$79.00
12	Kramer	VP-444	VIDEO SWITCHING/SCALING 12-Input HDMI & Analog ProScale™ Presentation Switcher - Mic Inputs & Ethernet	\$914.00	1	\$914.00
			WIRELESS CONNECTIVITY & COLLABORATION			
13	Kramer	VIA-CONNECT-PRO	Wireless Presentation & Collaboration Hub	\$609.00	1	\$609.00
14	Kramer	C-HM/HM-3	HDMI (M) to HDMI (M) Cable - 3'	\$8.00	2	\$16.00
			DVD/BLURAY PLAYER *RE-USE EXISTING SHELF			
15	Samsung	BD-J5700	2D-Blu-ray Player,1-HDMI,1-USB,DLNA,WiFi Built-in,BD Wise,Allshare	\$104.00	1	\$104.00
			CONNECTIVITY			
16	Kramer	C-HM/HM-3	HDMI (M) to HDMI (M) Cable - 3'	\$8.00	2	\$16.00
17	Kramer	C-HM/HM-6	HDMI (M) to HDMI (M) Cable - 6'	\$12.00	1	\$12.00
18	Kramer	C-HM/HM/PRO-50	HDMI (M) to HDMI (M) Cable with Ethernet - 50'	\$56.00	2	\$112.00
19	Kramer	PT-572+	HDMI over Twisted Pair Receiver Over 1 STP Cable	\$135.00	1	\$135.00
			AUDIO SYSTEM *RE-USE - - Existing QSC CX404 AMP - Existing AT WIRELESS MICROPHONE			
20	Sennheiser	E835-S	Handheld cardioid dynamic with on/off switch and MZQ800 clip. 11.6 oz.	\$98.00	1	\$98.00
21	Kramer	C-XLQM/XLQF-15	XLR (M) to XLR (F) Quad Style Cable - 10'	\$13.00	1	\$13.00
22	Atlas Sound	DMS7E (01-09)	RN BSE 10 IN 6#BS 8-13 IN EBY	\$34.00	1	\$34.00
			CONTROL SYSTEM			
23	PVS	K-TOUCH III - CONTROL PKG.	K-TOUCH III CONTROLLER PKG.: K-Touch Standard License for up to 5 devices, Wireless Touch-Panel Interface, Tabletop Charging Base Station, Touch-Panel Sleeve, Design Layout of Interface.	\$890.00	1	\$890.00
24	Kramer	FC-24ETH	4-Port Ethernet Controller	\$364.00	1	\$364.00
25	Global Cache	GLO-IP2IR	Global Cache iTach Wired TCP/IP to IR.	\$101.00	1	\$101.00
			SHIPPING			
26	PVS	SHIP	Shipping and Handling charges	\$350.00	1	\$350.00
			INSTALLATION			

Item #	Mfr	Part #	Description	Price	Qty	Extend
27	PVS	Installation	<p>Installation Services: Labor, Materials, QC, Training, Programming</p> <p>1) Unrack existing AV Rack Keep the following items.</p> <ul style="list-style-type: none"> - QSC Amplifier - Audio Technica Wireless Mic - SHELF for DVD-BLURAY PLAYER <p>2) Install new Projector and Mount using existing pole. Pull 50' HDMI and RS-232 Control cable from Rack area.</p> <p>3) Mount 70" Monitor on wall. Pull 50' HDMI, USB Extender, and RS-232 Control cable from Rack area.</p> <p>4) Rack new equipment in AV Rack. This includes:</p> <ul style="list-style-type: none"> - New Switcher/Scaler (Scaler to 1080p), output 1 is projector, output 2 is Monitor. Mic 1 input is wireless mic, Mic 2 input is Sennheiser for tabletop stand at computer workstation. <p>5) Install new lectern with SID-X1N. 15' Power and Cat6 snake to wall. Cat6 pass thru plate for extension to PT-572+ in rack.</p> <p>6) Provide Wireless Router for Control System.</p> <p>7) Program PWR ON/OFF for all devices, VOL +/- for Switcher output. ETH: Switcher, RS-232: Monitor and Projector, IR: for BLURAY player if needed.</p> <p>8) Remove existing room speakers from the wall. INSTALL Six new ceiling speakers, zoned 2 per zone on 4ohm load.</p> <p>9) Install and configure VIA CONNECT PRO, for wireless device connectivity and display.</p> <p>9) Train on use of system.</p> <p>10) OPTIONS WILL REQUIRE ADDITIONAL INSTALLATION.</p>	\$4,745.00	1	\$4,745.00
			<u>Subtotal</u>			<u>\$18,413.00</u>

TERMS AND CONDITIONS

1. Any product supplied or service performed by the DEALER is warranted in regard to workmanship for the period provided in the equipment manufacturer's warranty. NO OTHER WARRANTY OR GUARANTEE, EXPRESSED OR IMPLIED, INCLUDING ANY WARRANTY AS TO MERCHANTABILITY OR FITNESS FOR ANY PURPOSE, IS MADE UNLESS THE SAME IS SPECIFICALLY SET FORTH HEREIN.
2. All products supplied or services performed by the DEALER shall conform to the specifications provided by the manufacturer. Should any product or service not conform to such specifications, the BUYER shall notify the DEALER immediately, but in no case later than 10 working days after receipt and acceptance of such products or services. Upon determination by the DEALER that such a nonconformity to specifications exists, the DEALER will, at its option, either repair or replace such products upon return of defective product(s) or material or will adjust the matter fairly and promptly. UNDER NO CIRCUMSTANCES WILL THE DEALER BE OBLIGATED FOR CONSEQUENTIAL OR OTHER DAMAGES, LOSSES OR EXPENSES INCURRED IN CONNECTION WITH OR BY REASON OF THE USE OF OR INABILITY TO USE SUCH PRODUCTS OR SERVICES PURCHASED FOR ANY PURPOSE.
3. Merchandise ordered "SPECIAL" or "MADE TO ORDER" is NON-CANCELABLE, unless approved by the DEALER, which will be subject to any and all cancellation charges or restocking charges, shall be the expense of the buyer.
4. Delivery shall be made to the BUYER in accordance with the agreement contained on the front page of this Confidential Quotation provided that the DEALER shall not be liable for delays or defaults in deliveries due to causes beyond its control, including, but not limited to, acts of God and nature, strikes, labor unrest or shortages, transportation delays or difficulties, flood, fire, accidents, civil unrest, war, governmental interference or embargoes, shortages of fuel, power, materials or supplies. Shipments made within 10 working days of BUYER requested or specified date of delivery shall constitute a good delivery.
5. Unless shown to the contrary on the front page of this Confidential Quotation, all products are shipped F.O.B. shipping point of origin and BUYER shall pay all freight and delivery charges at the lowest published rate for the regular method of shipping. Any special or non-customary handling charges by a carrier shall also be the responsibility of the BUYER.
6. Prices of specified products and services are exclusive of federal, state and local excise, use and sales taxes. Whenever applicable, any such tax or taxes will be added to the invoice as a separate charge for which the BUYER will be responsible.
7. Payment shall be as provided on the front page of this Confidential Quotation. BUYER agrees to pay 1-1/2% per month interest on all amounts not paid when due. BUYER also agrees to pay any and all expenses incurred by the DEALER in the collection of past due amounts. All credit card orders will be charged an additional 3% service fee.
8. The DEALER shall have the right, in addition to all other rights it may possess, to withhold shipment in whole or in part, to recall goods in transit or to repossess all goods which might be stored with the DEALER for the BUYER'S account, without the necessity of taking any other proceedings in the event of BUYER default(s) or adverse credit reason(s). The forgoing shall not be construed as limiting in any manner the rights or remedies available to the DEALER because of any default(s) of the BUYER under applicable Uniform Commercial Code as in force and effect.
9. These terms and conditions shall supersede any provisions, terms and conditions contained on any confirming Purchase Order or other writing the BUYER may give or receive. The rights of the parties shall be governed exclusively by the provisions, terms and conditions of this Confidential Quotation except as the parties may mutually agree in writing.
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ACCEPTED BY: _____ TITLE: _____

Confidential Sales Quotation

Canton Clerk's Office
 1150 Canton Center S.
 Canton, MI 48188
 Attn: Dave Maurice
 734.394.5282
 dave.maurice@canton-mi.org

Questions? Please call: **419-874-2850**
 Quote Number: 3012719
 Date: 7/14/2015
 Quote Expires on: 8/28/2015
 Sales Person: Tony Poling, CTS

Item #	Mfr	Part #	Description	Price	Qty	Extend
RFP: DESIGN & CONSTRUCTION OF THE DPW TRAINING ROOM <u>ALTERNATE SYSTEM 2</u> Everything from ALTERNATIVE SYSTEM 1 with the addition of a new motarized HD format screen.						
<u>ROOM ITEMS</u>						
LECTERN						
1	Da-Lite	98105	LECTERN LEX FLR 25 NS LAM	\$1,282.00	1	\$1,282.00
2	Kramer	WXA-H	15-pin HD, 3.5mm Audio & HDMI Wall Plate	\$48.00	1	\$48.00
3	Kramer	C-HM/HM-3	HDMI (M) to HDMI (M) Cable - 3'	\$8.00	1	\$8.00
4	Kramer	C-GMA/GMA-3	15-Pin (M) to 15-Pin (M) + 3.5mm Stereo Cable - 3'	\$8.00	1	\$8.00
5	Kramer	SID-X1N	4-Input Multi-Format Video over DGKat Transmitter & Step-In Commander	\$660.00	1	\$660.00
PROJECTOR						
6	Epson	V11H620020	PowerLite 1980WU WUXGA 3LCD Projector, 4400 Lumens, Native Resolution: 1920 x 1200 (WUXGA), 2 HDMI inputs.	\$1,445.00	1	\$1,445.00
7	Chief	RSMAUW	MINI RPA ELITE, UNIVRSL, KEY A, WHT *RE-USE EXISTING CEILING DROP	\$140.00	1	\$140.00
SCREEN *RE-USE EXISTING SCREEN						
70" INTERACTIVE MONITOR/WHITEBOARD						
8	Sharp	PN-L703B	70" Interactive Display System; AQUOS BOARD - LED TV - HD - LED Backlight - 70 Inch - 10-Point Multi-Touch Screen - 1920 x 1080 - 1080P - 16:9 - 3000:1 - 300 cd/m2 - 6 Ms - LAN - 160/160 - 10W + 10W Stereo speakers - 3-Year Onsite Limited Warranty	\$5,139.00	1	\$5,139.00
9	Gefen	EXT-USB2.0-LR	Extends USB 2.0 peripherals up to 330' over CAT-5 cable	\$338.00	1	\$338.00
SPEAKERS						
10	Bosch	EVID C8.2	8" Coaxial speaker with horn loaded Ti coated	\$251.00	3	\$753.00

Item #	Mfr	Part #	Description	Price	Qty	Extend
11	Da-Lite	94286LS	tweeter - complete with back can enclosure, tile rails, and mounting ring - for 70v/100v or 8-ohm operation. Taps at 30, 15, 7.5, 3.75, and 1.88 watts (pair) *NEW* MOTORIZED IN-CEILING PROJECTION SCREEN	\$1,588.00	1	\$1,588.00
12	Global Cache	GLO-IP2CC	iTach IP2CC, Allows for switching of low voltage wiring.	\$101.00	1	\$101.00
			<u>A/V RACK</u> *RE-USE EXISTING RACK POWER CONDITIONER			
13	MidAtlantic	PD-915R	9OUT,15A,RCKMNT POWER CEN	\$79.00	1	\$79.00
			VIDEO SWITCHING/SCALING			
14	Kramer	VP-444	12-Input HDMI & Analog ProScale™ Presentation Switcher - Mic Inputs & Ethernet	\$914.00	1	\$914.00
			WIRELESS CONNECTIVITY & COLLABORATION			
15	Kramer	VIA-CONNECT-PRO	Wireless Presentation & Collaboration Hub	\$609.00	1	\$609.00
16	Kramer	C-HM/HM-3	HDMI (M) to HDMI (M) Cable - 3'	\$8.00	2	\$16.00
			DVD/BLURAY PLAYER *RE-USE EXISTING SHELF			
17	Samsung	BD-J5700	2D-Blu-ray Player,1-HDMI,1-USB,DLNA,WiFi Built-in,BD Wise,Allshare	\$104.00	1	\$104.00
			CONNECTIVITY			
18	Kramer	C-HM/HM-3	HDMI (M) to HDMI (M) Cable - 3'	\$8.00	2	\$16.00
19	Kramer	C-HM/HM-6	HDMI (M) to HDMI (M) Cable - 6'	\$12.00	1	\$12.00
20	Kramer	C-HM/HM/PRO-50	HDMI (M) to HDMI (M) Cable with Ethernet - 50'	\$56.00	2	\$112.00
21	Kramer	PT-572+	HDMI over Twisted Pair Receiver Over 1 STP Cable	\$135.00	1	\$135.00
			AUDIO SYSTEM *RE-USE - - Existing QSC CX404 AMP - Existing AT WIRELESS MICROPHONE			
22	Sennheiser	E835-S	Handheld cardioid dynamic with on/off switch and MZQ800 clip. 11.6 oz.	\$98.00	1	\$98.00
23	Kramer	C-XLQM/XLQF-15	XLR (M) to XLR (F) Quad Style Cable - 10'	\$13.00	1	\$13.00
24	Atlas Sound	DMS7E (01-09)	RN BSE 10 IN 6#BS 8-13 IN EBY	\$34.00	1	\$34.00
			CONTROL SYSTEM			
25	PVS	K-TOUCH III - CONTROL PKG.	K-TOUCH III CONTROLLER PKG.: K-Touch Standard License for up to 5 devices, Wireless Touch-Panel Interface, Tabletop Charging Base Station, Touch-Panel Sleeve, Design Layout of Interface.	\$890.00	1	\$890.00
26	Kramer	FC-24ETH	4-Port Ethernet Controller	\$364.00	1	\$364.00

Item #	Mfr	Part #	Description	Price	Qty	Extend
27	Global Cache	GLO-IP2IR	Global Cache iTach Wired TCP/IP to IR.	\$101.00	1	\$101.00
28	PVS	SHIP	SHIPPING Shipping and Handling charges	\$450.00	1	\$450.00
29	PVS	Installation	INSTALLATION Installation Services: Labor, Materials, QC, Training, Programming 1) Unrack existing AV Rack Keep the following items. - QSC Amplifier - Audio Technica Wireless Mic - SHELF for DVD-BLURAY PLAYER 2) Install new Projector and Mount using existing pole. Pull 50' HDMI and RS-232 Control cable from Rack area. 3) Mount 70" Interactive Monitor on wall. Pull 50' HDMI, USB Extender, and RS-232 Control cable from Rack area. 4) Rack new equipment in AV Rack. This includes: - New Switcher/Scaler (Scaler to 1080p), output 1 is projector, output 2 is Monitor. Mic 1 input is wireless mic, Mic 2 input is Sennheiser for tabletop stand at computer workstation. 5) Install new lectern with SID-X1N. 15' Power and Cat6 snake to wall. Cat6 pass thru plate for extension to PT-572+ in rack. 6) Provide Wireless Router for Control System. 7) Program PWR ON/OFF for all devices, VOL +/- for Switcher output. ETH: Switcher, RS-232: Monitor and Projector, IR: for BLURAY player if needed. 8) Remove existing room speakers from the wall. INSTALL Six new ceiling speakers, zoned 2 per zone on 4ohm load. 9) Install and configure VIA CONNECT PRO, for wireless device connectivity and display. 10) Train on use of system. 11) Install New Motorized HD Projection Screen.	\$5,785.00	1	\$5,785.00
Subtotal						\$21,242.00
Thanks for your business!						



CITY COUNCIL AGENDA REPORT

MEETING DATE: DECEMBER 3, 2013

ITEM NUMBER:

SUBJECT: UPGRADES TO AUDIO/VISUAL EQUIPMENT AND BROADCAST SYSTEM AND RELATED CONSTRUCTION FOR COUNCIL CHAMBERS

DATE: NOVEMBER 25, 2013

FROM: CEO's OFFICE/VIDEO PRODUCTION

PRESENTATION BY: WILLIAM LOBDELL, COMMUNICATIONS DIRECTOR

FOR FURTHER INFORMATION CONTACT: BILL LOBDELL AT (714) 754-5288

RECOMMENDATION:

Staff recommends the City Council:

- 1) Approve designating \$1.6 million of the \$7.1 million FY 2012-13 surplus to upgrade the City's audio/visual equipment and broadcast system used to facilitate and broadcast public meetings in the Council Chambers and broadcast city news and information on CMTV, the City's television channel. The funding will also be used for related construction in the Council Chambers.
- 2) Direct the City staff to issue a Request for Proposals (RFP) for the purchase and installation of the new audio/visual equipment and broadcast system.
- 3) Direct staff to obtain bids for related construction work needed in the Council Chambers.

BACKGROUND:

In 2006, the City hired a consultant to develop a plan to replace the antiquated audio/visual equipment and broadcast system used to record and broadcast public meetings, news and information on CMTV, the City's television channel. Based on the consultant's recommendation, the City Council approved an \$890,000 project to be completed in two phases: \$495,000 worth of work was approved for the fiscal year 2007-08 budget and \$495,000 was scheduled to be included in the fiscal year 2008-2009 budget. However, revenue shortfalls caused by the recession resulted in the cancellation of the entire project.

By 2013, much of the City's broadcasting equipment was 25 years old, well past its life expectancy and in danger of systematic failure. Finding replacement parts for the outdated equipment has become an increasing challenge. In late September 2013, a piece of audio/visual equipment failed, knocking the City's television channel off the air for weeks until the item could be repaired by using a spare part harvested from another broken machine found in Minnesota. Staff also spends significant amounts of time keeping the current system operational and finding work-arounds for basic audio/visual and broadcast functions.

Earlier this year, the City hired Triton Technology Solutions to develop a plan to replace the City's audio/visual equipment. Working with the City's Video Production Services team, the consulting company recommends that the City spend \$1.25 million to upgrade its audio/visual equipment and broadcast system (Attachment I). The plan includes new cameras, energy-efficient television lights, sound system, video screens throughout the Council Chambers, electronic council/commission voting system, overhead projector, telestrator, and outdoor video monitor and sound system for overflow crowds (for 3-D renderings, see Attachment II). The control room for the Council Chamber broadcasts would move from the City Hall basement to Conference Room 1C adjacent to the Council Chambers. Triton would serve as the project manager.

Also in 2013, the City retained the services of Costa Mesa-based Dougherty + Dougherty Architects to assist in the planning and design of related construction work to be done to the Council Chambers during the installation of the new audio/visual equipment and broadcast system. The work—estimated to cost \$350,000 (Attachment III)—would include the installation of these new items: six video screens, overhead projector, telestrator, lighting and sound system throughout the Chamber, tabletop for the dais, and retrofitted work station on the dais that conforms with the American With Disabilities Act. The project would also provide more work space for staff with three additional work stations in the well below the dais and a long table, chairs and power outlets to replace the first row of seats on the west side of the Council Chambers.

With this proposed audio/visual and broadcast systems upgrade, staff also asked Dougherty + Dougherty to provide a high-level concept plan for a new community meeting room (Attachment IV) in the space of the closed print shop in the southeast corner of City Hall's first floor. Currently, some public meetings are held in Conference Room 1A, a small and narrow converted office space that isn't particularly conducive to public interaction or crowds of more than 20. Many community meetings that can't be held in Conference Room 1A because of space limitations instead are conducted in the City's Emergency Operations Center.

Staff will bring back a recommendation next year to renovate the old print shop on the first floor of City Hall into a community meeting room that would allow for live broadcast of public meetings, better public interaction during more informal public meetings and a quality meeting space for the community. The cost of the project, including new television cameras and sound system, is estimated to be about \$450,000 (Attachment V). If the community meeting room does not get built, staff would recommend a new camera and sound systems be installed in Conference Room 1A at a cost of about \$100,000. Those systems in Conference Room 1A are currently failing.

ANALYSIS:

The City's audio/visual and broadcast system is in danger of a systematic failure because of outdated equipment that, if broken, would be difficult, if not possible, to repair. Viewers of CMTV got a precursor of this when a faulty piece of equipment caused the channel to go dark for weeks until repairs could be made. According to Triton Technology Systems, the Costa Mesa system is the oldest among the more than 30 cities with which the company works.

The new audio/visual system would provide more than essential reliability. Massive advances in technology over the past quarter century will provide stakeholders better interaction with their local government, including:

- Vastly improved sound and lighting system in the Council Chambers for both spectators and those watching on television and the Internet.
- Video screens throughout the Council Chambers to allow for better viewing of presentations and other documents (for instance, agenda items can be displayed on the video). The public meeting will be recorded in high definition, which even when viewed on a non-HD channel, will be a vast improvement in quality.
- A do-it-yourself overhead projector for the public and staff that would generate crisp images on the video screens of the Council Chambers.
- A telestrator that would allow staff and council members to make notes and other marks on drawings and photos that are projected on the video screens.
- An electronic voting system that would provide the audience with the council's or commission's votes on the video screen and on video nameplates in front of each member.
- A cueing system for those running council and commission meetings that show the order of speaking requests by council members or commissioners.
- A special device that would allow City Council and commission members, applicants, presenters and the general public to wirelessly link documents, images and presentations from their own computers to the Council Chambers video screens.
- An upgraded graphic look to CMTV, which would have the feel of a commercial television station as opposed to a government access channel. This is especially important now that CMTV has moved to the prime Channel 3 slot on Time Warner Cable.
- An updated software and hardware system that will allow for more automated programming on CMTV (the City would no longer have to fall back on the static community bulletin board announcements for much of its programming).

While the above changes will be tangible improvements, the backbone of the audio/visual and broadcast upgrades will not be visible to the public. The new hardware and software will bring the City into the more reliable and higher-quality world of digital electronics.

Staff will also enjoy a much more efficient work-flow as the new equipment will allow for projects to move seamlessly across many platforms. For example, a single episode of the Costa Mesa Minute is encoded in multiple formats to allow public viewing on multiple sources (City website, Facebook, YouTube, Costa Mesa TV), but with the new system, one file will be uploaded to all sources through an automated process.

A new media asset management system (MAM) will greatly enhance workplace efficiencies as well. The robust video archive system will allow all users searchable access to the video archives. The MAM will also enable editors to work from any available workstation and have complete access to all files. Currently, editors are tethered to the computer that the project resides on, which often results in only one project getting worked on at a time.

FISCAL REVIEW:

The cost of the upgraded audio/visual and broadcast system and related construction costs is projected to be \$1.6 million. The funds would come from the \$7.1-million budget surplus for the 2012-13 fiscal year. Staff is recommending this as the highest priority discretionary project from the recent capital improvement study session. Approving this project now will allow staff to proceed to the necessary proposals and bids to determine the exact cost of the project. The City Council will be able to make a final determination at the mid-year budget review in February.

LEGAL REVIEW:

No legal review is required for this project.

CONCLUSION:

The City of Costa Mesa has one of the most antiquated audio/visual and broadcast systems among Southern California municipalities, and those systems are endanger of a cataclysmic failure. Staff recommends that the City Council approve an amount not to exceed \$1.6 million for a new audio/visual and broadcast system and related construction costs for the Council Chambers.

WILLIAM LOBDELL
Communications Director

THOMAS R. HATCH
City CEO

STEVE DUNIVENT
Interim Director of Finance

THOMAS P. DUARTE
City Attorney

- ATTACHMENTS: I [Cost analysis for audio/visual and broadcast system upgrades](#)
II [3-D renderings of the Chamber upgrades](#)
III [Cost analysis for related Chamber upgrades](#)
IV [Architectural rendering of proposed community meeting room](#)
V [Cost analysis for proposed community meeting room](#)

CUSTOMER: City of Costa Mesa

ADDRESS: 77 Fair Dr
Costa Mesa, CA 92626

CONTACT: Dane Bora
PHONE: (714)754-5098



DATE: November 22, 2012
Costa Mesa BOM v8
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32234 Paseo Adelanto Suite E-1 | San Juan Capistrano, CA 92675
phone: 949.388.3919 | fax: 866.275.9175
www.TritonTechnology.tv | contractor's license #951869

EMAIL: DANE.BORA@costamesaca.gov

ITEM #	QTY	MANUFACTURER	MODEL #	DESCRIPTION	PRICE	EXTENDED PRICE	
1		CAMERAS & ROBOTICS WITH TELEMETRICS					
2	1	Telemetrics	RCCP-1 Studio Bundle	Includes RCCP-1 Control Panel, Studio Control Software, 22" Touchscreen, USB Video Capture Device, SDI to Analog Down Converter, Video Router	\$19,433.00	\$19,433.00	
3	6	Telemetrics	RCCPO-1-PTL	THIRD PARTY P/T LICENSE	\$471.00	\$2,826.00	
4	1	Telemetrics	CSP	Camera Shading Panel	\$8,178.00	\$8,178.00	
5	6	Telemetrics	CSPO-DL	Camera Shading Integration License	\$223.00	\$1,338.00	
6	2	Telemetrics	DS-4	Device Server-Ethernet	\$1,177.00	\$2,354.00	
7	6	Telemetrics	CA-RS-150	Cable-Serial Control	\$259.00	\$1,554.00	
8	6	Telemetrics	CA-RS-PAN-6	6' Adapting Cable	\$71.00	\$426.00	
9	2	Telemetrics	ENG TRAVEL DAY	Engineer Travel Time (Day)	\$565.00	\$1,130.00	
10	2	Telemetrics	ENG ON SITE DAY	Engineer On Site (Day)	\$1,130.00	\$2,260.00	
11	1	Telemetrics	Travel Expenses	Travel Expenses to be billed at cost. This is for hotel, rental car, per diem (\$75), and hotel. This is ESTIMATED.	\$1,750.00	\$1,750.00	
12	6	Panasonic	AW-HE120K	HD Camera and Lens with PTZ Housing	\$8,873.00	\$53,238.00	
13	6	Allen Products	SM-020-BT	Swivel Mounts - 1 Pair	\$75.00	\$450.00	
14		PRODUCTION SWITCHER, ROUTER, AND CG					
15	1	Ross Video	C2M-224EX-48-001	Carbonite 2M Two MLE Live Production Switcher with 24 Input and 48 Output Chassis and 24 Input 48 Output 2 MLE Rack Frame Processing Engine, 24 Button 2 MLE Panel and NK-IPS T-Bus Ethernet Interface.	\$59,108.00	\$59,108.00	
16	4	Ross Video	RCP-NKM	Programmable 40 Button & LCD Display Panel	\$882.00	\$3,528.00	
17	1	Ross Video	CPS-AUX-053B	1 RU Aux Bus Control Panel	\$1,765.00	\$1,765.00	
18	8	Ross Video	CF-NK-I3G	8 input card	\$574.00	\$4,592.00	
19	4	Ross Video	CF-NK-I3G-RC	16 input connector (1 for 2 input cards)	\$309.00	\$1,236.00	
20	8	Ross Video	CF-NK-O3G	8 output card	\$1,059.00	\$8,472.00	
21	4	Ross Video	CF-NK-O3G-RC	16 output connector (1 for 2 output cards)	\$309.00	\$1,236.00	
22	1	Ross Video	CF-NK-P3G	Redundant Power Supply for eXtreme Frame	\$3,089.00	\$3,089.00	
23	1	Ross Video	C2M-PANEL-REDPSU-EXT	Redundant Power for Carbonite 2M Panel	\$574.00	\$574.00	
24	2	Ross Video	CARBONITE-COM-1DAY	Onsite Commissioning, 1 Day - Expenses not included	\$1,500.00	\$3,000.00	
25	2	Ross Video	CARBONITE-OTT-1DAY	Onsite Technical Training, 1 Day	\$1,500.00	\$3,000.00	
26	2	Ross Video	CARBONITE-OTR-1DAY	Onsite Operational Training, 1 Day	\$1,500.00	\$3,000.00	
27	1	Ross Video	Travel Expenses	Travel Expenses to be billed at cost. This is for hotel, rental car, per diem (\$75), and hotel. This is ESTIMATED.	\$3,000.00	\$3,000.00	
28	1	Ross Video	XPR1-0101-M3	XPression Prime - Single Channel 3D CG (Software+Hardware)	\$15,882.00	\$15,882.00	
29	1	Ross Video	XPR-DLQ	DataLinq Server Option provides a Connection to External Data Sources such as ODBC, RSS, Excel, Access, and XML	\$4,411.00	\$4,411.00	
30	1	Ross Video	XPN-KBD	XPression Custom Keyboard	\$750.00	\$750.00	
31	2	Ross Video	XPRESSION-OTR-1DAY	Onsite Operational Training (1 Days)	\$1,500.00	\$3,000.00	

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32234 Paseo Adelanto Suite E-1 | San Juan Capistrano, CA 92675
phone: 949.388.3919 | fax: 866.275.9175
www.TritonTechnology.tv | contractor's license #951869

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ITEM #	QTY	MANUFACTURER	MODEL #	DESCRIPTION	PRICE	EXTENDED PRICE	
32	1	Ross	Travel Expenses	Travel Expenses to be billed at cost. This is for hotel, rental car, per diem (\$75), and hotel. This is ESTIMATED.	\$1,500.00	\$1,500.00	
33		TERMINAL GEAR					
34	3	Ross Video	FBK-0G3-CN	Frame for a buck - openGear 3.0 Frame with Cooling and Advanced Networking - OG3-FR-CN	\$840.00	\$2,520.00	
35	3	Ross Video	PS-OG3	450 Watt Universal Power Supply for OG3 Frame	\$477.00	\$1,431.00	
36	3	Ross Video	DRA-8604-R2	Dual 3G Reclocking Amplifier (143 to 1485 Mb/s) with 10-BNC R2-8204 Rear Module.	\$617.00	\$1,851.00	
37	3	Ross Video	TRA-8206-R2	Triple MD-SDI Reclocking Amplifier (143 to 1485 Mb/s) with 10-BNC R2-8206 Rear Module. Single channel 7 output, dual channel 3/4 output, or three channel 3/2/2 output	\$794.00	\$2,382.00	
38	2	Ross Video	MUX-8258-4C-R2C	HD/SD 4 Channel Analog audio Multiplexer with rear I/O	\$1,320.00	\$2,640.00	
39	2	Ross Video	DMX-8259-4C-R2C	HD/SD 4 Channel Analog Audio Demultiplexer with rear I/O	\$1,320.00	\$2,640.00	
40	4	Ross Video	ADA-8405-C-R2C	Analog Audio and Timecode DA with Remote Gain & w/ Rear Module. Dual 1x4 or Single 1x8 Analog audio and timecode distribution	\$380.00	\$1,520.00	
41	6	Ross Video	UDA-8705A-R2	Analog Video Utility Distribution Amplifier with 20-Slot frame Rear Module, R2-8705	\$248.00	\$1,488.00	
42	2	Aja	FS2	Frame Sync and UDC	\$4,408.00	\$8,816.00	
43	2	Ross Video	HDC-8222A-R2C	HD Down Converter and Distribution Amplifier w/ Analog Audio and supporting backplane	\$2,277.00	\$4,554.00	
44		Patch Bays & Accessories					
45	4	Bittree	B64T-2MWTHD	75 Ohm 2 RU 32x 2 Mini Weco HD Patchbay	\$1,049.00	\$4,196.00	
46	1	ADC	BT2000-24	BNC Tool	\$79.00	\$79.00	
47	20	Bittree	VPCM1800-75	18" MVJ type Video Patch Cord, Black	\$21.00	\$420.00	
48	20	Bittree	BPC2400-110	24" Nickel Bantam (TT) Audio Patchcord	\$16.00	\$320.00	
49	3	Bittree	B96DC-HNAIH/E3 M2OU12B	1.5 RU 2x48 Digital/Analog Audio Patch Bay	\$1,102.00	\$3,306.00	
50	4	Bittree	9603	Mating Hardware	\$0.00	\$0.00	
51	2	Middle Atlantic	CLAW	16" w x 3-1/2" deep, with side trays patch cable holder	\$22.00	\$44.00	
52		Audio Equipment					
53	0	Lectrosonics	SPNDNT	Connects Dante™ networked audio with ASPEN processors	\$2,993.00	\$0.00	
54	1	Lectrosonics	SPN2412	24 inputs, 12 outputs, 2RU:	\$5,233.00	\$5,233.00	
55	1	Lectrosonics	SPN1624	16 inputs, 24 outputs:	\$5,100.00	\$5,100.00	
56	2	Lectrosonics	SPNConference	Aspen Conference POTS & Codec Interface	\$2,295.00	\$4,590.00	
57	1	Lectrosonics	VRMWB	230 MHz bandwidth Venue Chassis for wireless microphone interface	\$1,643.00	\$1,643.00	
58	3	Lectrosonics	VRS	Standard wireless Rx	\$428.00	\$1,284.00	
59	2	Lectrosonics	HH	Handheld Wireless Tx	\$1,325.00	\$2,650.00	
60	2	Lectrosonics	Lma	Lavalier Wireless Tx	\$810.00	\$1,620.00	
61	2	Lectrosonics	HHC	HH Capsule for microphone	\$479.00	\$958.00	
62	2	Lectrosonics	M152/SM5P	Microphone for Lma wireless unit	\$189.00	\$378.00	

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ITEM #	QTY	MANUFACTURER	MODEL #	DESCRIPTION	PRICE	EXTENDED PRICE
63	2	Lectrosonics	SNA600	Adjustable Dipole Antenna The SNA600 antenna is for use with wireless microphone receivers. The center frequency of its 100 MHz bandwidth is tunable from 550 to 800 MHz	\$124.00	\$248.00
64	1	QSC	CX108V	8 Channel Amplifier w/ 100w per channel	\$1,543.00	\$1,543.00
65	12	QSC	AD-CI52ST-WH	70V 5.25" (13 mm) Weather-resistant, low distortion fiberglass cone woofer, 25 mm voice coil, rubber surround 1" titanium dome tweeter, neodymium magnet speaker	\$154.00	\$1,848.00
66	2	QSC	S10T-XXX	Surface mount loudspeaker, 70/100V, 10-inch, two-way, full-range systems, IP-54 Rating (XXX Specify BLK or WHT for black or White)	\$532.00	\$1,064.00
67	17	Sennheiser	MZS 31	Lectern Mic Base	\$35.00	\$595.00
68	17	Sennheiser	MEG 14-40 -L	Gooseneck microphone with 45cm overall length and one flexible element and LED lighting. Connection: XLR 5	\$207.00	\$3,519.00
69	2	JBL	LSR2325P	5" Two-Way Bi-Amplified Powered Monitor	\$150.00	\$300.00
70	2	Omnimount	20 W	Speaker mounts	\$68.00	\$136.00
71	1	JBL	MSC1	Monitor System Controller with Room Mode Correction	\$300.00	\$300.00
72	4	RDL	FP-BUC2	Balanced to Unbalanced Converter - 2 channel	\$188.00	\$752.00
73	4	RDL	FP-UBC2	Unbalanced to Balanced Converter - 2 Channel	\$188.00	\$752.00
74	2	RDL	FP-RRAH	Rack Adapter FLAT-PAK Series - 19" Hinged	\$80.00	\$160.00
75	2	RDL	PS-24KS	24 Vdc Switching Power Supply, North American AC Plug, 1 A, dc Plug	\$31.00	\$62.00
76	2	RDL	PS-24V2A	24 Vdc Switching Power Supply, with North American cord, 2 A, dc Plug	\$74.00	\$148.00
77	1	Yamaha	MG32/14FX	Audio Mixer with 24 Mono + 4 Stereo inputs and main + Aux Outputs	\$1,070.00	\$1,070.00
78		Presentation Display				
79	2	Panasonic	TH-70LF50U	70 inch 700cd/m2 Full HD Professional LED Display	\$10,284.00	\$20,568.00
80	6	Chief	CMA345	Structural Ceiling Plate	\$144.00	\$864.00
81	6	Chief	CMS0406	4-6' (121.9-182.8cm) Speed-Connect™ Adjustable Extension Column	\$133.00	\$798.00
82	6	Chief	PCSU	Panel Straight Column Single Ceiling Mount (Up to 63" +)	\$280.00	\$1,680.00
83	6	Chief	CMA275	Quick Snap Cable Cover	\$61.00	\$366.00
84	6	Chief	CMA640	Decorative Trim Ring	\$13.00	\$78.00
85	6	Chief	PACPC1	Flat Panel Power Filter Kit	\$145.00	\$870.00
86	6	Chief	SSC1	Security Screw Cover Kit	\$26.00	\$156.00
87	5	Panasonic	TH-65PF30U	65 inch class 3D-Ready, full-HD display with NeoPlasma technology.	\$2,369.00	\$11,845.00
88	1	Premier Mounts		Outdoor Environmental Enclosure for LCD Display - ESTIMATE	\$8,000.00	\$8,000.00
89	2	Oppo	BDP-103	Pro Bluray Player	\$499.00	\$998.00
90	2	Middle Atlantic	RSH4A2M OPPO BDP103	Rack Mount Kit for BDP-103	\$131.00	\$262.00
91		QC & Sync				
92	1	Ensemble Design	BE57	BrightEye 57 HD/SD/Composite TSG and SPG with Audio	\$4,219.00	\$4,219.00
93	1	Ensemble Design	BEPS	Power Supply	\$0.00	\$0.00

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94	1	Ensemble Design	BERKMT	Bright Eye rack mount	\$75.00	\$75.00	
95	2	Ensemble Design	BEBP	Blank panel for Bright Eye rack mount	\$43.00	\$86.00	
96	2	ViewZ	VZ-215RM	21" High Resolution Monitor (1920 x 1200), Embedded HDMI-SDI & SDI-HDMI converter, HDMI to SDI Convert & Display Out, IPS LCD Panel with 12bit Processing, 2K Input Capability, Real-time Waveform & Vectorscope Display, Zoom Mode, De-Imbedded Audio Level Meter (16ch), Pixel to Pixel View, Red/Green Mode Tally, Time Code, Various Markers, On-Screen Menu, Built-in Speaker, RJ-45 Remote Control Front and Rear Phone Jack	\$2,795.00	\$5,590.00	
97	2	Panasonic	TH-50BT300U	50" Plasma Monitor for Multiviewers	\$4,335.00	\$8,670.00	
98	2	Panasonic	TY-FB10HD	HD-SDI Terminal Board with Audio for Professional Plasma Displays (10-current Series)	\$1,610.00	\$3,220.00	
99	2	Wohler	RM-2443W-2HD	Quad 4.3" HD/SD-SDI tilting video monitor with dual inputs and embedded audio metering and monitoring.	\$3,760.00	\$7,520.00	
100	1	Wohler	RM-4290W-2HD	Dual 9" HD/SD-SDI tilting video monitor with dual inputs and embedded audio metering and monitoring.	\$3,290.00	\$3,290.00	
101		Control & Automation					
102	1	Crestron	DM-MD32X32-RPS	32x32 DigitalMedia™ Switcher w/Redundant Power Supply	\$13,143.00	\$13,143.00	
103	4	Crestron	DMC-SDI	SDI Input Card for DM® Switchers	\$858.00	\$3,432.00	
104	4	Crestron	DMC-HD-DSP	HDMI® Input Card w/Down-mixing for DM® Switchers	\$715.00	\$2,860.00	
105	13	Crestron	DMC-C-DSP	DigitalMedia 8G+™ Input Card w/Down-mixing for DM® Switchers	\$929.00	\$12,077.00	
106	2	Crestron	DMCO-33	4 HDMI w/4 Stereo Analog Audio Output Card for DM-MD8X8 and DM-MD32X32	\$1,000.00	\$2,000.00	
107	3	Crestron	DMCO-55	4 DM 8G+ w/2 HDMI Output Card for DM-MD8X8 & DM-MD32X32	\$1,858.00	\$5,574.00	
108	7	Crestron	DM-TX-200-C-2G-B-T	Wall Plate DigitalMedia 8G+™ Transmitter 200, Black Textured	\$1,000.00	\$7,000.00	
109	6	Crestron	DM-TX-201-C	DigitalMedia 8G+™ Transmitter 201	\$929.00	\$5,574.00	
110	12	Crestron	DM-RMC-SCALER-C	DigitalMedia 8G+™ Receiver & Room Controller w/Scaler	\$1,000.00	\$12,000.00	
111	1	Crestron	PRO3	3-Series Control System®	\$3,786.00	\$3,786.00	
112	4	Crestron	TSW-1050-X-S	10" Touch Screen (X specifies B or W for Black or White)	\$1,715.00	\$6,860.00	
113	4	Crestron	TSW-1050-TTK-X-S	Table Top Kit (X specifies B or W for Black or White)	\$179.00	\$716.00	
114	0	Crestron	TPMC-V15-B	V-Panel™ Integrated 15" VESA Mount HD Touch Screen, Black	\$5,715.00	\$0.00	
115	1	Crestron	V24R-C-B	V-Panel™ 24" VESA Mount HD Touch Screen Display, DM 8G+, Black	\$3,715.00	\$3,715.00	
116	2	Crestron	INET-CBDEX-P-W-S	Cameo® Wireless Keypad, infiNET EX®, 120V, White Smooth	\$258.00	\$516.00	
117	1	Crestron	CEN-RFGW-EX	infiNET EX® Wireless Gateway	\$322.00	\$322.00	
118	1	Crestron	GLA-DMX512	DMX-512 Interface	\$4,286.00	\$4,286.00	
119	4	Apantec	DA-HDTV-SDI	HDMI to HD-SDI Conversion	\$750.00	\$3,000.00	

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ITEM #	QTY	MANUFACTURER	MODEL #	DESCRIPTION	PRICE	EXTENDED PRICE
120	1	Crestron	CEN-NVS200	Delivers live streaming video to Crestron touch screens and mobile devices.	\$713.00	\$713.00
121	1	Barco	R9861005NA	Clickshare Wireless Presentation System	\$4,342.00	\$4,342.00
122	1	Barco	R9861006R01	Clickshare Rack Mount Kit	\$298.00	\$298.00
123	1	Wolfvision	VZ-C12 ³	Visualizer for ceiling mount with synchronized lightfield shines onto desk, highlighting the pick-up area of the camera.	\$13,060.00	\$13,060.00
124		Servers & KVM				
125	1	Avocent	AMX5030-0001	4 output ports and 16 input ports rack mountable matrix switch with rack mount kit and Avocent AMWorks software	\$2,458.00	\$2,458.00
126	4	Avocent	AMX5130-001	PS/2 and USB desktop user station with automatic skew compensation, audio, serial and AMIQDM-USB module for a local PC connection	\$1,784.00	\$7,136.00
127	4	Avocent	RMK-40	Avocent AMX 5111, Avocent AMX 5121 and Avocent AMX 5130 user station 19 in. rack-mount kit	\$37.00	\$148.00
128	12	Avocent	AMIQDM-USB	Dual UTP server interface module for VGA video, USB keyboard and mouse, interface module with audio and serial	\$215.00	\$2,580.00
129	5	Samsung	S22C350H	21.5-Inch Screen LED-Lit Monitor	\$188.00	\$940.00
130	4	Logitech	K740	Backlit USB Keyboard with number keys - Illuminated	\$92.00	\$368.00
131	4	Logitech	M500	Corded USB Mouse	\$33.00	\$132.00
132	1	CIT	RM-F117	Rackmount 1RU 17" HD monitor with keyboard and trackpad	\$1,195.00	\$1,195.00
133		Engineering & Council Staff PC				
134	2	General Technics	GT212	Compact 2U Rack System built around an Intel® DH77KC board with HD Audio, DVI, HDMI, and DisplayPort output, a Core™ i5-3550 CPU, 8GB DDR3-1333 RAM, 120GB SSD, 22x DVD±RW optical drive, and Windows 7 Professional.	\$1,882.00	\$3,764.00
135		Annotation System				
136	1	General Technics	J2660	IPC Case 2U Compact ATX 3 Slot (Black)	\$258.00	\$258.00
137	1	General Technics	PS652	Seasonic 2U 460 ATX power supply	\$168.00	\$168.00
138	1	General Technics	MB464	Intel ATX DH77KC Vid/LAN/Aud	\$209.00	\$209.00
139	1	General Technics	CP178	Intel Core i7-3770 3.4Ghz (8MB, 4C/8T)	\$540.00	\$540.00
140	2	General Technics	MR202	8GB DDR3-1600 Memory	\$137.00	\$274.00
141	1	General Technics	HD826	Intel SSD 330 Series 60GB SATA III	\$135.00	\$135.00
142	1	General Technics	HD687	WD RE4 500gb SATA 7.2k rpm, Hard Drive	\$169.00	\$169.00
143	1	General Technics	RK489	PCIe x16 3in Riser Kit for CS785	\$97.00	\$97.00
144	1	General Technics	XX100	nVidia GeForce GT 630 Video (Dual DVI)	\$111.00	\$111.00
145	1	General Technics	SW270	Microsoft Windows 7 Pro 64-bit	\$230.00	\$230.00
146	1	E-Mediavision	Point-HD Trainer	Media Annotation software	\$2,494.00	\$2,494.00
147	1	ViewCast	Osprey 820e	Osprey 820e with Digital SimulStream	\$1,744.00	\$1,744.00
148						
149						
150		System Storage and Video Servers for Production				
151	1	EditShare	ESEN3U-32TB-16	EditShare Energy 32TB 3U (16 drives x 2TB)	\$33,500.00	\$33,500.00
152	1	EditShare	ES-UPS-1500VA	Energy UPS (1500 VA)	\$0.00	\$0.00
153	1	EditShare	ESFLOW-ENERGY	Flow Admin/Database (includes 5 concurrent Browse licenses, 2000 hours of proxies)	\$0.00	\$0.00
154	1	EditShare	ESFLOW-FILE1	Flow File-based Ingest (1 slot)	\$0.00	\$0.00

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155	1	EditShare	ESARK-MASTERSOFT-ENERGY	Ark Master Software (license for management of 25 LTO-5 tapes)	\$0.00	\$0.00
156	1	EditShare	ES-ARK-2U-LTO6-SAS	Ark 2U Tape Library (24 Slots), LTO-6 SAS, Rack Rail Kit, Cleaning Tape, 5-Tape Pack	\$11,878.00	\$11,878.00
157	1	EditShare	ESARK-SASHBA	6 Gb/sec SAS Card and Cable	\$1,073.00	\$1,073.00
158	1	EditShare	ES10GBT-SINGLE-IN	1 Port 10GbBaseT Network Adapter for Server	\$990.00	\$990.00
159	1	EditShare	ES-HP2920-24	HP ProCurve 2920-24G Switch 24 Ports	\$2,650.00	\$2,650.00
160	1	EditShare	ES-HP2920-DUAL10GBASET	HP ProCurve 2920 10GbE 2-Port 10GbBaseT Module	\$1,350.00	\$1,350.00
161	1	EditShare	ES-2000-SATA	Spare 2TB Drive	\$645.00	\$645.00
162	1	EditShare	ES1YRSUP	EditShare 1 Year Support and Maintenance	\$5,144.00	\$5,144.00
163	1	EditShare	GE2-POST22	Geevs Post 2/2 (2 in / 2 out, SD-SDI-HD-SDI) Includes Geevs Client	\$23,743.00	\$23,743.00
164	1	EditShare	GE-PRORES-CO	GEEVS ProRes Option	\$4,707.00	\$4,707.00
165	1	EditShare	GE-EGPI	External GPI I/O Box	\$1,002.00	\$1,002.00
166	3	EditShare	ESTRAIN	EditShare On-Site Installation / Training / Commissioning - Expenses Included	\$3,125.00	\$9,375.00
167	1	EditShare	ES1YRSUP	EditShare 1 Year Support and Maintenance	\$2,945.00	\$2,945.00
168	2	Aja	AJA-KIPRORACK	KI-Pro Rack Unit Video Server	\$3,746.00	\$7,492.00
169	4	Aja	KI-STOR500-R0	500GB 7200 RPM Storage Module	\$361.00	\$1,444.00
170	4	Aja	KiStor Dock	KI-STOR Module Dock for Edit Stations	\$371.00	\$1,484.00
171	1	JVC	SR-HD2500US	BLU-RAY DISC & HDD RECORDER w/HDSDI	\$3,471.00	\$3,471.00
172	1	Middle Atlantic	RSH4A2M JVC SRHD2500	Custom Rackshelf for JVC Bluray recorder	\$131.00	\$131.00
173	1	BTX	Custom	FS2 System Interface Panel	\$265.00	\$265.00
174				Master Control		
175	1	Harmonic	MCP-2200-C1H	MediaCenter 2200 with 12 1-TB Disk Drives	\$41,113.00	\$41,113.00
176	1	Harmonic	CPT-8100-4GL-DMH	ChannelPort, 2CH, SD/HD MPEG-2+DV Play-only, with 4-layer integrated branding	\$24,193.00	\$24,193.00
177	1	Harmonic	CPL-DVE	DVE License upgrade for one ChannelPort module (2 ch)	\$3,499.00	\$3,499.00
178	1	Harmonic	CPL-MCS	Master Control (live input) license upgrade for one ChannelPort module (2 ch)	\$3,499.00	\$3,499.00
179	1	Harmonic	MPC-7002	Chassis, 7000 series MediaPort, 2 slot	\$2,283.00	\$2,283.00
180	1	Harmonic	MIP-7100-DMH	MediaPort Module, 2ch, HD/SD DV Play/Rec + HD/SD MPEG-2 play, with up/down/cross-conversion	\$19,985.00	\$19,985.00
181	2	TBC Integration	SERVICE	Price is per day for integration and training	\$1,500.00	\$3,000.00
182	1	ViewZ	VZ-185PM	18" QC Monitor with HD-SDI, Composite inputs	\$2,496.00	\$2,496.00
183	1	Nverzion	NCONTROL Lite PKG	NCONTROL Lite Hardware/Software Package	\$18,287.00	\$18,287.00
184	1	Nverzion	TIME CODE CARD	Adrienne Electronics Time Code reader card. Provides for synchronizing to House reference clock (LTC or VITC)	\$848.00	\$848.00
185	1	Nverzion	RED/PS	Redundant Power Supply for PC	\$848.00	\$848.00
186	1	Nverzion	INSTALL/TRAINING-1	On Site Installation/Commissioning and Training: Travel & Expenses Included	\$3,659.00	\$3,659.00

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187	2	Nverzion	INSTALL/TRAINING-N	Additional On Site Installation/Commissioning and Training: Travel and Expenses included	\$1,220.00	\$2,440.00
188	1					
189						
190				Furniture, Racks, and PDU		
191	1	Middle Atlantic	SS4-23VTR	Pullout VTR Tray	\$371.00	\$371.00
192	1	Middle Atlantic	SS-VTR-CVR4	Cover for pullout VTR Tray	\$42.00	\$42.00
193	3	Middle Atlantic	MRK-4431LRD	31-1/2" Outside Depth (29" Useable) Rack with 44 RU	\$883.00	\$2,649.00
194	4	Middle Atlantic	MV-RR44	44 Space Additional Rack Rail	\$92.00	\$368.00
195	8	Middle Atlantic	PDT-2015C-NS	15 Amp 20 Outlet Rack Mount Power Strip	\$151.00	\$1,208.00
196	10	Middle Atlantic	PD-915RV-RN	Rackmount Power units	\$156.00	\$1,560.00
197	1	High Tech Industries	EA-CM2	<ul style="list-style-type: none"> • Three 92" 1530 extruded aluminum vertical uprights with 12" forty-five degree floor braces • Four 47" 1515 extruded aluminum cross braces with 15s anchors points • Two- Fully articulating 65" monitor mounts with adjustable attachments • Two articulating speaker mounts extended on 18"1515 aluminum supports with 15S anchors • Delivered and installed at customers location 	\$3,015.00	\$3,015.00
198	1	High Tech Industries	HTCM-404	<ul style="list-style-type: none"> • 2ru rack space above countertop, at 15 degree angle, for bay1 • 4ru rack space above countertop, at 15 degree angle, for bays 2-4 • Two bays of 12 ru lower rack space, with front and rear rack rail <ul style="list-style-type: none"> • Front rack rail, tapped 10-32 on all upper bays • Five fully articulating ergonomic monitor arms mounted in 2.5" grommet holes <ul style="list-style-type: none"> • Two under countertop pull out keyboard shelves • Tubular steel framework, with welds ground smooth, powder coated black <ul style="list-style-type: none"> • Surface area covered in customers choice of standard laminates with countertop and upper bays trimmed in Solid oiled hardwood material • Qty Two 60" electrical strips, with 24 outlets and 10' cord <ul style="list-style-type: none"> • 3" x 3" heat resistant PVC wire ducting • Bolt down plates for mounting to floor for seismic bracing <ul style="list-style-type: none"> • Delivered and installed at customers location 	\$12,065.00	\$12,065.00
199				VOTING SYSTEM / STREAMING MEETINGS		
200	1	Intent Digital	VL-XLG-9GS	VoteLynx XLG Voting & Control System:	\$48,300.00	\$48,300.00
201	1	Intent Digital	RST-120	VoteLynx XLG Touch Panel: 1024x768 resolution 12" touchpanel with Wireless LAN for voting control, request-to-speak, display of agenda and results with AV control at mayor position.	\$3,495.00	\$3,495.00

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202	1	Intent Digital	ETP-100	Energize 10.2" AV Touch Panel: For AV control at staff or presenter station. 1024x600 resolution 10.2" IP-64 compliant Vesa 75 touch panel includes 802.11 b/g/n Wireless LAN, (2) Ethernet LAN ports, (1) RS232 serial port, (1) RS-232 / RS-485 serial port, (2) USB ports. Preconfigured with VoteLynx control GUI software license.	\$2,596.00	\$2,596.00
203	1	Intent Digital	SPX-85E	Energize 8 Port Serial I/O Expander: Adds eight (8) additional RS232/422/485 serial control ports via Ethernet connection.	\$1,053.00	\$1,053.00
204	6	Intent Digital	TCP-100	VoteLynx MiniTouch Panel : Single gang Ethernet touchscreen panel for RTS and AV control at staff member positions.	\$600.00	\$3,600.00
205	2	Intent Digital	TDM-150	VoteLynx LCD Timer Display Module: Minutes & seconds timer count, and red, yellow, and green indicators for start, stop and wrap up time on LCD Display in standard single gang flush mount panel connected via Ethernet.	\$495.00	\$990.00
206	2	Intent Digital	VL-DMI	Document Management Interface: Software module to link VoteLynx to approved enterprise document management systems. Directly imports data into the VoteLynx agenda and export back to the document system.	\$2,120.00	\$4,240.00
207	1	Intent Digital	Vote-Config	System Configuration:	\$3,188.00	\$3,188.00
208	1	Intent Digital	Vote-Install	On-site System Installation	\$2,125.00	\$2,125.00
209	1	Intent Digital	Vote-Train	On-site VoteLynx system training at customer's location. Lodging and travel cost billed extra.	\$850.00	\$850.00
210	1	Intent Digital	Vote-Plat-XLGS	VoteLynx XLG Platinum Support On-Site Option: One year renewable support package for VoteLynx XLG systems includes email support, phone support and software upgrades. VoteLynx system warranty is also extended for the duration of the support period. Provides for a once a year visit by Intent Digital tech support under an existing Platinum Support agreement. Travel and lodging invoiced extra.	\$3,188.00	\$3,188.00
211	1	Intent Digital	Travel	Travel Expenses to be billed at cost. This is for hotel, rental car, per diem (\$75), and hotel. This is ESTIMATED.	\$1,850.00	\$1,850.00
212	7	Industrial Image	PM153-550TDVI	15" TFT LCD - Panel Mount 10mm Transflective Screen w/ 1024 x 768 Resolution 550 NIT / 700:1 Contrast Ratio -80~80 (H); -70~70 (V) DVI Input	\$1,542.00	\$10,794.00
213		LIGHTING SYSTEM				
214	1	Barbizon	Quote 0220240	Lighting Components per specifications.	\$49,921.00	\$49,921.00
215	1	Linksys	WRT54GL	Wireless Broadband Router 8002.11b/g	\$79.00	\$79.00
216		ASSISTIVE LISTENING SYSTEM				

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217	1	Sennheiser	SR2020-D-US	Single channel rack-mountable transmitter (926-928 MHz), up to 8 selectable channels. Includes NT92-120 power supply and GA2 rack adapter.	\$947.00	\$947.00
218	1	Sennheiser	BB100	100 ft coaxial cable (RG58) with BNC connectors	\$72.00	\$72.00
219	1	Sennheiser	A2003-UHF	Passive wideband directional remote UHF antenna (each sold individually)	\$334.00	\$334.00
220	11	Sennheiser	EK2020-D-II-US	Tourguide 2020 digital bodypack receiver (926-928 MHz). Includes internal rechargeable battery and integrated clip. Requires headphone or induction neckloop (order separately).	\$394.00	\$4,334.00
221	3	Sennheiser	EZT3012	Induction neck loop for use with most Sennheiser bodypack receivers	\$64.00	\$192.00
222	11	Sennheiser	GP30	Stereo Headphones	\$14.00	\$154.00
223	11	Sennheiser	GP 3000-L	Lanyard for EK2020-D-US bodypack receiver	\$5.00	\$55.00
224	1	Sennheiser	ADASIGNAGEKIT	ADA plaque and window sticker	\$16.00	\$16.00
225	1	Sennheiser	EZL2020-20L	Carrying case with charger for (20) HDE2020-D-II-US or EK2020-D-II-US receivers. Offers auto "set all" to same frequency.	\$1,407.00	\$1,407.00
					\$0.00	\$0.00
EQUIPMENT SUBTOTAL:					\$904,316.00	
SYSTEM INTEGRATION ESTIMATE:					\$200,000.00	
7.1% CONTINGENCY:					\$64,206.44	
FREIGHT ESTIMATE:					\$9,043.16	
TAX (EQUIPMENT ONLY) @:					8.00%	\$72,345.28
CALIFORNIA E-WASTE RECYCLE FEE:						
\$3.00/Monitor 4" - 14.99"						
\$4.00/Monitor 15"-34.99"						
\$5.00/Monitor 35" or larger					\$162.00	
TOTAL:					\$1,250,072.88	

**AGENDA REQUEST
BUSINESS OF THE CITY COUNCIL
CITY OF PEARLAND, TEXAS**

AGENDA OF:	Regular Meeting - Feb. 27, 2017	ITEM NO:	AIR - 0275
DATE SUBMITTED:	10 Feb 2017	DEPT. OF ORIGIN:	Information Technology
PREPARED BY:	John Knight		
SUBJECT:	Consideration and Possible Action - Resolution No. R2017-44 - A Resolution of The City Council of the City of Pearland, Texas, authorizing the City Manager or his designee to participate in an interlocal cooperative pricing arrangement with the Texas Department of Information Resources (DIR) for the purchase of audio visual equipment and network cabling for the City Hall Complex Project, from DataVox, in the estimated amount of \$377,803.12.		
EXHIBITS:	RESOLUTION NO. R2017-44, Audio Visual and Network cabling proposal		
FUNDING:	<input type="checkbox"/> Bonds To Be Sold <input type="checkbox"/> Grant <input type="checkbox"/> Developer/Other <input checked="" type="checkbox"/> Cash <input type="checkbox"/> Bonds - Sold <input type="checkbox"/> L/P - Sold <input type="checkbox"/> L/P - To Be Sold		
EXPENDITURE REQUIRED:	\$377,803.12	AMOUNT BUDGETED:	\$7,667,791
AMOUNT AVAILABLE:	\$898,129.00	PROJECT NO:	FA0904
ACCOUNT NO:	501-300-345.5600.070		
ADDITIONAL APPROPRIATION REQUIRED:	\$		
ACCOUNT NO:			
PROJECT NO:			
To be completed by Department:			

EXECUTIVE SUMMARY

BACKGROUND

On October 24, 2016 Council awarded a contract to Construction Masters of Houston, Inc. for the renovation of the City Hall Complex which included City Hall and City Hall Annex buildings. This project included a cost allocation for low voltage cabling throughout the facilities as well as audio visual equipment for several key areas. Included in these areas are both of the public lobbies, conference rooms, and also the council chambers.

On several occasions last year the City received complaints regarding the audio and video feeds for council meetings. During this time, the City enlisted assistance in resolving the issue from two separate vendors who specialize in audio and video systems. Both vendors couldn't address the issues and the Information Technology Department proceeded to find a vendor that could provide a solution. This required a vendor who had the expertise not only in audio and video but also had specific knowledge regarding cable channel systems. DataVox was selected based on their capabilities and background with other government agencies.

To date, there have been no complaints with the current system and the City will be reusing some of the existing equipment to supplement the new equipment being acquired during the council chambers remodel. Since DataVox provided the programming for the current system, the City will not have to reprogram the equipment from the beginning. This allows the City to save on some of the programming costs that would have been incurred if another vendor was selected.

Audio and video services were also utilized by the Fire Department to streamline their large training room. The programming used to manipulate the equipment is identical to the council chambers allowing City staff to easily adapt to either environment to conduct business. These benefits improve productivity, enhance staff's professionalism, and allow staff to focus on their work.

SCOPE OF CONTRACT/AGREEMENT

The vendor will install, setup and program all equipment in Council Chambers, Conference Rooms, Lobbies, and Training Rooms.

BID AND AWARD

The requested Audio Visual Proposal is available to the City through a cooperative purchasing contract number DIR-TSO-3321. The contract meets all requirements of Local Government Code 252 relating to competitive bidding by Texas municipalities.

SCHEDULE

Anticipated delivery time for installation and setup of equipment will be once the vendor receives a Purchase Order and during the duration of city hall renovation.

O&M IMPACT INFORMATION

Minimal routine inspection/maintenance requirements.

Recommended Action

Consideration and Possible Action - Resolution R2017-44. A resolution approving a contract with DataVox, in the amount of \$377,803.12, for the purchase of Audio Visual Equipment and Network Cabling for the City Hall Complex Renovation project and authorizing the City Manager to execute the agreement.

RESOLUTION NO. R2017-44

A Resolution of The City Council of the City of Pearland, Texas, authorizing the City Manager or his designee to participate in an interlocal cooperative pricing arrangement with the Texas Department of Information Resources (DIR) for the purchase of audio visual equipment and network cabling for the City Hall Complex Project, from DataVox, in the estimated amount of \$377,803.12.

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF PEARLAND, TEXAS:

Section 1. That contract pricing has been obtained through interlocal cooperative partner DIR for the purchase of audio visual equipment and network cabling for the City Hall Complex Project.

Section 2. That the City Manager or his designee is hereby authorized to participate in an interlocal cooperative pricing arrangement with the DIR for the purchase of audio visual equipment and network cabling in the estimated amount of \$377,803.12.

PASSED, APPROVED and ADOPTED this the _____ day of _____,
A.D., 2017.

TOM REID
MAYOR

ATTEST:

YOUNG LORFING, TRMC
CITY SECRETARY

APPROVED AS TO FORM:

DARRIN M. COKER
CITY ATTORNEY

Audio Visual Proposal for City Hall Renovations

Revision: 5

Last Modified: 2/6/2017

City of Pearland

3519 Liberty Drive
Pearland, TX 77581

Presented By:

Jeff Dixon

6650 W. Sam Houston Pkwy S.
Houston, TX 77072 United States
713-881-5300
<http://www.datavox.net>



DataVox Texas DIR Vendor Number: 176-025-1479-000

Contract Number: DIR-TSO-3321

DataVox

BUDGETARY PRICING ONLY



City Hall Renovations

Qty	Description	Installed Price
City Hall: 115.Council Chamber		
Audio Components		
<i>Audio amplifiers, digital signal processors, speakers, microphones, and wiring to support these devices.</i>		
1	BiAmp Tesira AMP-4300R CV Tesira 4-channel, 300W digital networked amplifier, constant voltage	\$2,491.25
1	BiAmp TESIRAFORTÉ AVB CI Tesiraforté DSP Fixed I/O Server With 12 Analog Inputs, 8 Analog Outputs, 8 Channels Configurable USB Audio, 128 X 128 Channels Of Avb, and Sona Acoustic Echo Cancellation (aec) Technology (all 12 Inputs)	\$2,337.58
16	Crestron SAROS_ICE6T-W-T-EACH Saros Express 6.5" 2-way In-ceiling Speaker, White Textured, Single (must Be Ordered In Multiples Of 2)	\$2,828.16 *
800	Liberty Cable 16-2C-TTP-WHT Plenum 16 AWG Speaker Cable	
1	DataVox PROGRAMMING - DSP Programming Charges For Audio Systems and Digital Signal Processors	\$2,220.00
13	Shure MX415 Shure MX415 Microphone	\$9,474.14 *
1300	Liberty Cable 22-2C-PSH-WHT Commercial Grade General Purpose 22 AWG 2 Conductor Plenum Shielded Cable	
13	Shure MX400DP Microflex desktop base for MX405, MX410 and MX415 modular gooseneck microphone	
13	Switchcraft AAA3FZ Aaa Series Metal 3 Pin XLR Female. Nickel Shell, Silver Pin	
2	Tascam SS-CDR200 Solid State/cd-rw Audio Recorder, 1ru	\$1,924.16
Audio Components Total:		\$21,275.29
AV Control Systems		
<i>Control systems, touch panel interfaces, cables, programming and labor as describe in this proposal.</i>		
1	Crestron TSW-1052-B-S 10.1" Touch Screen, Black Smooth	\$1,625.73 *
1	Crestron TSW-1050-TTK-B-S Tabletop Kit For Tsw-1050, Black Smooth	

BUDGETARY PRICING ONLY



City Hall Renovations

Qty	Description	Installed Price
1	Generic GEN-C6-4P-10-BL-M CAT6 PATCH CORD 10FT BOOTED BLUE	
1	DataVox PROGRAMMING - CONTROL Programming Charges For AV Control Systems and User Interfaces	\$4,995.00
AV Control Systems Total:		\$6,620.73
Cables and Connectors		
<i>Cables, connectors and labor as describe in this proposal.</i>		
12	Crestron DM-8G-CONN Digitalmedia 8g Cable Connector	\$199.08
1000	Crestron DM-CBL-8G-P Digitalmedia 8g Cable (plenum) Is A 350mhz-certified Shielded Twisted-pair (stp) Cable	\$1,912.50
1	DataVox DVX-MISC-CABL-CONN-HARD Miscellaneous Cables, Connectors, and Hardware	\$2,330.00
8	Extron DVID SL ULTRA/12 Ultra Flexible Single Link DVI-D Cable - 12'	\$558.80
2	Extron RG6 BNC/12 RG6 BNC series male to male single conductor super high resolution cable - 12 feet	\$56.50
1000	Liberty Cable 22-2C-PSH-WHT Commercial Grade General Purpose 22 AWG 2 Conductor Plenum Shielded Cable	\$542.50
Cables and Connectors Total:		\$5,599.38
Furniture		
<i>Audio Visual racks, cabinets and carts and labor as describe in this proposal.</i>		
2	Fsr FL-600P-6-B 6" Deep Floor Box	\$892.08 *
2	Fsr FL-GRD4 4" Grade Mounting Kit	
2	Fsr FL-600P-BLP-C Cover With 1/4" Brass Carpet Flange Lift Off Door	\$1,261.88
Furniture Total:		\$2,153.96
Monitors and Mounts		
<i>Monitors, mounting hardware, configuration and labor as describe in this proposal.</i>		
2	Chief CMA330 8" Offset fixed ceiling plate	\$122.38

BUDGETARY PRICING ONLY



City Hall Renovations

Qty	Description	Installed Price
2	Chief CMS0305 3' - 5' Adjustable extension column, black	\$292.88
2	Chief FCA540 Fusion Power Outlet Accessory, Black	\$233.76
2	Chief MCM1U Medium Flat Panel Ceiling Mount-universal	\$519.76
4	Generic LCD Display [OFE] - Relocate Owner Furnished 65" LCD Display	\$1,980.00
1	Sharp LC-90LE657U 90" Class AQUOS high definition series LED Smart TV	\$7,602.59 *
1	Chief XTM1U X-Large fusion micro-adjustable tilt wall mount	
1	DataVox Backing [NB] - NOTE: This monitor requires proper wall backing in order to be installed over sheet rock.	
1	DataVox DVX-MISC-HARD Miscellaneous Hardware For Mounting Components	
Monitors and Mounts Total:		\$10,751.37
Projectors and Screens		
<i>Projectors, screens, mounting hardware, configuration and labor as describe in this proposal.</i>		
1	Chief SYSAUW Suspended Ceiling Projector System - White	\$459.94
1	Da-lite 133" - TENSIONED ADVANTAGE ELECTROL - 16:9 - Da-Mat 65" x 116" - 133" Diagonal - Tensioned Advantage Electrol - 16:9 HDTV Format - Da-Mat	\$3,208.40
1	DataVox DVX-CONSUMABLES Miscellaneous Hardware For Mounting Components	\$365.00
1	Nec NP-P502HL 5000-lumen professional installation Laser projector, 16:9, 1080P	\$4,585.00
Projectors and Screens Total:		\$8,618.34
Signal Transmission		
<i>Routing and switching technology and labor as described in this proposal.</i>		
2	Crestron DMC-4K-CO-HD-HDCP2 2-Channel HDBaseT certified 4K DigitalMedia 8G+ output card for DM switcher	\$1,994.98

BUDGETARY PRICING ONLY



City Hall Renovations

Qty	Description	Installed Price
2	Crestron DM-RMC-4K-SCALER-C 4K DigitalMedia 8G+ Receiver and room controller with scaler	\$2,266.88 *
2	Crestron CBL-HD-6 Crestron Certified HDMI Interface Cable, 6 FT	
1	Extron DVI DA4 PLUS DVI Distribution amplifier, four output with EDID minder	\$705.50
1	Extron DVI DA8 PLUS DVI Distribution Amplifier, Eight Output with EDID Minder	\$985.50
Signal Transmission Total:		\$5,952.86
Cameras and Broadcast Equipment		
<i>Cameras and broadcast systems and labor as describe in this proposal.</i>		
1	Vaddio 999-5520-022 Teletouch 22" HD Touch Screen LCD Monitor With Base	\$1,314.64
1	Vaddio 999-5655-000 ProductionView HD-SDI MV all-in-one camera control console	\$6,892.39
4	Vaddio 999-9930-000 RoboSHOT 12 HD-SDI Camera IR Remote Commander, 12 VDC, 3.0 Amp Power Supply with AC Cord Set, Thin Profile Wall Mount (black) with Mounting Hardware, EZCamera Control Adapter (DE-9 to RJ-45), 6' (1.83m) USB 2.0 Type A to Type B Cab	\$13,805.60 *
400	Commscope 6504-BLUE Cat6 Plenum Blue	
400	Liberty AV 18-CMP-VID-COAX-WHT White serial digital RG6 dual shield 4.5 GHz plenum coaxial cable	
8	Liberty AV CM-RG6M-BNC C-Tec2 RG6 BNC plug for plenum single, dual, tri or quad shield format	
4	Vaddio CEILING PTZ MOUNT Suspended Ceiling Ptz Camera Mount	\$965.92
Cameras and Broadcast Equipment Total:		\$22,978.55
Wireless Microphones		
<i>Wireless microphones, transmitters and receivers and labor as described in the proposal.</i>		
8	Revolabs 01-ELITEMIC-GN12 Elite 12" Gooseneck Microphone	\$3,800.88
Wireless Microphones Total:		\$3,800.88

BUDGETARY PRICING ONLY



City Hall Renovations

Qty	Description	Installed Price
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City Hall: 115.Council Chamber Total: \$87,751.36

City Hall: 115.Council Chamber: Technical Room

Furniture

Audio Visual racks, cabinets and carts and labor as describe in this proposal.

1	DataVox RACK DRESSING Labor to Dress Rack Cable, Label, and Redline Drawings	\$1,980.00
1	Middle Atlantic HP 10-32 3/4" Philips Truss-Head Screws & Washers 100 Pieces (Black)	\$38.13
1	Middle Atlantic LBP-1R Round horizontal lacer bar, pack of 10	\$70.33
3	Middle Atlantic PDCOOL-1115R Rackmount Power/Cooling, 10 Outlet, 15A, 2-Stage Surge	\$900.00
1	Middle Atlantic SCQ-3BK 3 Bay configuration quiet cool console black	\$6,460.00
6	Middle Atlantic U1 Universal Rackshelf	\$457.50
3	Middle Atlantic UPS-2200R-8 2150VA/1650W UPS	\$3,915.00
3	Middle Atlantic VTF1 Vent Panel	\$96.06
3	Middle Atlantic VTF2 Vent Panel	\$98.88

Furniture Total: \$14,015.90

Monitors and Mounts

Monitors, mounting hardware, configuration and labor as describe in this proposal.

1	Chief JWDSK210B Medium flat panel swing arm wall mount black Metal Stud - 20" for Samsung 243T LCD TV, black	\$342.10
1	Samsung DM40E 40" Slim Direct-Lit LED display. 1920 x 1080 - Direct LED - 450 Nit	\$956.76

Monitors and Mounts Total: \$1,298.86

Professional Service

Professional Services provided by DataVox as describe in this proposal.

BUDGETARY PRICING ONLY



City Hall Renovations

Qty	Description	Installed Price
1	DataVox INSTALL LABOR Labor to uninstall, move, and reinstall existing AV rack equipment.	\$1,980.00
1	DataVox TESTING & TUNING Commissioning Services, Testing and Tuning	\$1,500.00
Professional Service Total:		\$3,480.00

Signal Transmission

Routing and switching technology and labor as described in this proposal.

1	Black Magic Design Multiview 4 Monitor any combination of SD, HD, and Ultra-HD sources all on the same screen. Four inputs, one output.	\$918.75 *
1	Black Magic Design Teranex Mini Rack Shelf Rack mount up to 3 Teranex Mini's side by side with this lightweight, 1 RU shelf that's perfect for road cases or equipment racks.	
1	Black Magic Design Teranex Mini Smart Panel Add front panel controls to your MultiView 4 so you can turn on labels, audio meters, borders, tally and adjust settings.	
Signal Transmission Total:		\$918.75

City Hall: 115.Council Chamber: Technical Room Total: \$19,713.51

City Hall: 111.Council Conference

Audio Components

Audio amplifiers, digital signal processors, speakers, microphones, and wiring to support these devices.

4	BiAmp CM1-6WS Ceiling Microphone - Supercardioid Miniaturized Condenser Microphones With A Fully Integrated Preamp Designed With Very High Sensitivity For Distance Miking.	\$1,893.88 *
4	BiAmp JB-CM1 Metal Junction Box To House Connectors and Plenum Rated Cable Where Required By Code.	
400	Liberty Cable 22-2C-PSH-WHT Commercial Grade General Purpose 22 AWG 2 Conductor Plenum Shielded Cable	
1	Cables To Go 40413 6ft 3.5mm M/M Stereo Audio Cable	\$4.16
4	Crestron SAROS-ICE6T-W-T-EACH Saros Express 6.5" 2-way In-ceiling Speaker, White Textured, Single (must Be Ordered In Multiples Of 2)	\$627.52 *

BUDGETARY PRICING ONLY



City Hall Renovations

Qty	Description	Installed Price
80	Liberty Cable 16-2C-TTP-WHT Plenum 16 AWG Speaker Cable	
1	DataVox TESTING & TUNING Commissioning Services, Testing and Tuning	\$750.00
1	Extron MPA 401-70V Mono 70v Power Amplifier - 40 Watt	\$356.25
Audio Components Total:		\$3,631.81
AV Control Systems		
<i>Control systems, touch panel interfaces, cables, programming and labor as describe in this proposal.</i>		
1	Crestron TSW-1052-B-S 10.1" Touch Screen, Black Smooth	\$1,625.73 *
1	Crestron TSW-1050-TTK-B-S Tabletop Kit For Tsw-1050, Black Smooth	
1	Generic GEN-C6-4P-10-BL-M CAT6 PATCH CORD 10FT BOOTED BLUE	
1	DataVox PROGRAMMING - CONTROL Programming Charges For AV Control Systems and User Interfaces	\$555.00
AV Control Systems Total:		\$2,180.73
Cables and Connectors		
<i>Cables, connectors and labor as describe in this proposal.</i>		
1	Crestron CBL-HD-12 Crestron Certified HDMI Interface Cable, 12 FT	\$49.69
1	Crestron CBL-VGA-AUD-12 Crestron Certified Computer VGA Interface Cable W/audio, 12 FT	\$44.06
1	DataVox DVX-MISC-CABL-CONN-HARD Miscellaneous Cables, Connectors, and Hardware	\$103.75
1	Rci Custom DVI001-10KIT Dvi001-10kit 10ft Kit Includes: - 1 Gang Powder Coat White Wall Plate With Hdmi, VGA and 3.5mm - 1 Gang Powder Coat White Wall Plate With 2 Inch Grommet Hole - 10ft Hdmi, VGA and 3.5mm Audi	\$238.45
Cables and Connectors Total:		\$435.95

BUDGETARY PRICING ONLY



City Hall Renovations

Qty	Description	Installed Price
Monitors and Mounts		
<i>Monitors, mounting hardware, configuration and labor as describe in this proposal.</i>		
1	Chief PAC526FBP4 In-wall Storage Box with 4 Receptacle Filter & Surge	\$439.17
1	Sharp PN-C703B 70" Full HD, Aquos Board, LED-backlit LCD - Flat Panel Display - Interactive Communication - 6 points of Touch-Screen	\$5,420.40 *
1	Chief LTM1U Large Fusion Micro-Adjustable Tilt Wall Mount	
1	DataVox Backing [NB] - NOTE: This monitor requires proper wall backing in order to be installed over sheet rock.	
1	Shuttle PN-SPCI5W7 Aquos Board Computer, Intel Core I5 4gb Ram 256gb Ssd Wifi Compact PC With Windows 7 Professional	
Monitors and Mounts Total:		\$5,859.57
Signal Transmission		
<i>Routing and switching technology and labor as described in this proposal.</i>		
1	Crestron DMC-4K-CO-HD-HDCP2 2-Channel HDBaseT certified 4K DigitalMedia 8G+ output card for DM switcher	\$997.49
1	Crestron DM-RMC-4K-SCALER-C 4K DigitalMedia 8G+ Receiver and room controller with scaler	\$1,133.44 *
1	Crestron CBL-HD-6 Crestron Certified HDMI Interface Cable, 6 FT	
Signal Transmission Total:		\$2,130.93
Video Sources		
<i>Video sources, cables, programming and labor as described in this proposal.</i>		
1	Barco CSE-200 CLICKSHARE Clickshare Wireless Presentation System for small and medium sized rooms. -IEEE 802.11a/b/g/n Wireless Standards -Up to 3840 x 2160 Input Resolutions -2.4 GHz and 5 GHz Frequency Band -2 x ClickShare Buttons Included	\$1,776.96 *
1	Barco CLICKSHARE TRAY Click Share Tabletop Tray - USB Button Holder	

BUDGETARY PRICING ONLY



City Hall Renovations

Qty	Description	Installed Price
1	Generic HDMI-6FT 6ft HDMI Cable	
Video Sources Total:		\$1,776.96
City Hall: 111.Council Conference Total:		\$16,015.95

City Hall: 120.Secondary Conference

Audio Components

Audio amplifiers, digital signal processors, speakers, microphones, and wiring to support these devices.

1	Cables To Go 40413 6ft 3.5mm M/M Stereo Audio Cable	\$4.16
4	Crestron SAROS-ICE6T-W-T-EACH Saros Express 6.5" 2-way In-ceiling Speaker, White Textured, Single (must Be Ordered In Multiples Of 2)	\$627.52 *
80	Liberty Cable 16-2C-TTP-WHT Plenum 16 AWG Speaker Cable	
1	Extron MPA 401-70V Mono 70v Power Amplifier - 40 Watt	\$356.25
Audio Components Total:		\$987.93

Cables and Connectors

Cables, connectors and labor as describe in this proposal.

1	DataVox DVX-MISC-CABL-CONN-HARD Miscellaneous Cables, Connectors, and Hardware	\$103.75
1	Rci Custom DVI001-10KIT Dvi001-10kit 10ft Kit Includes: - 1 Gang Powder Coat White Wall Plate With Hdmi, VGA and 3.5mm - 1 Gang Powder Coat White Wall Plate With 2 Inch Grommet Hole - 10ft Hdmi, VGA and 3.5mm Audi	\$332.20 *
1	Crestron CBL-HD-12 Crestron Certified HDMI Interface Cable, 12 FT	
1	Crestron CBL-VGA-AUD-12 Crestron Certified Computer VGA Interface Cable W/audio, 12 FT	
Cables and Connectors Total:		\$435.95

Monitors and Mounts

Monitors, mounting hardware, configuration and labor as describe in this proposal.

BUDGETARY PRICING ONLY



City Hall Renovations

Qty	Description	Installed Price
1	Chief PAC526FBP4 In-wall Storage Box with 4 Receptacle Filter & Surge	\$439.17
1	Sharp PN-C703B 70" Full HD, Aquos Board, LED-backlit LCD - Flat Panel Display - Interactive Communication - 6 points of Touch-Screen	\$5,420.40 *
1	Chief LTM1U Large Fusion Micro-Adjustable Tilt Wall Mount	
1	DataVox Backing [NB] - NOTE: This monitor requires proper wall backing in order to be installed over sheet rock.	
1	Shuttle PN-SPCI5W7 Aquos Board Computer, Intel Core I5 4gb Ram 256gb Ssd Wifi Compact PC With Windows 7 Professional	
Monitors and Mounts Total:		\$5,859.57
Video Sources		
<i>Video sources, cables, programming and labor as described in this proposal.</i>		
1	Barco CSE-200 CLICKSHARE Clickshare Wireless Presentation System for small and medium sized rooms. -IEEE 802.11a/b/g/n Wireless Standards -Up to 3840 x 2160 Input Resolutions -2.4 GHz and 5 GHz Frequency Band -2 x ClickShare Buttons Included	\$1,776.96 *
1	Barco CLICKSHARE TRAY Click Share Tabletop Tray - USB Button Holder	
1	Generic HDMI-6FT 6ft HDMI Cable	
Video Sources Total:		\$1,776.96
Scheduling Panels		
<i>Scheduling panels and labor as described in this proposal.</i>		
1	Evoko Evoko Room Manager Evoko Room Manager 8 Inch Touch Screen Display	\$1,674.63 *
100	Commscope 6504-BLUE Cat6 Plenum Blue	
Scheduling Panels Total:		\$1,674.63
City Hall: 120.Secondary Conference Total:		\$10,735.04

BUDGETARY PRICING ONLY



City Hall Renovations

Qty	Description	Installed Price
City Hall: 122.Sound Room		
Audio Components		
<i>Audio amplifiers, digital signal processors, speakers, microphones, and wiring to support these devices.</i>		
1	DataVox DVX-MISC-CABL-CONN-HARD Miscellaneous Cables, Connectors, and Hardware	\$228.75
1	Focusrite Scarlett 2i2 Two input USB audio interface	\$82.50
1	Shure MX415 Shure MX415 Microphone	\$728.78 *
100	Liberty Cable 22-2C-PSH-WHT Commercial Grade General Purpose 22 AWG 2 Conductor Plenum Shielded Cable	
1	Shure MX400DP Microflex desktop base for MX405, MX410 and MX415 modular gooseneck microphone	
1	Switchcraft AAA3FZ Aaa Series Metal 3 Pin XLR Female. Nickel Shell, Silver Pin	
Audio Components Total:		\$1,040.03
City Hall: 122.Sound Room Total:		\$1,040.03

City Hall: 206.Conference		
Audio Components		
<i>Audio amplifiers, digital signal processors, speakers, microphones, and wiring to support these devices.</i>		
1	Cables To Go 40413 6ft 3.5mm M/M Stereo Audio Cable	\$4.16
6	Crestron SAROS-ICE6T-W-T-EACH Saros Express 6.5" 2-way In-ceiling Speaker, White Textured, Single (must Be Ordered In Multiples Of 2)	\$941.28 *
120	Liberty Cable 16-2C-TTP-WHT Plenum 16 AWG Speaker Cable	
1	Extron XPA 2001-70V Mono 70v Power Amplifier - 200 WATTS	\$572.50
Audio Components Total:		\$1,517.94

Cables and Connectors

Cables, connectors and labor as describe in this proposal.

BUDGETARY PRICING ONLY



City Hall Renovations

Qty	Description	Installed Price
1	DataVox DVX-MISC-CABL-CONN-HARD Miscellaneous Cables, Connectors, and Hardware	\$103.75
1	Rci Custom DVI001-10KIT Dvi001-10kit 10ft Kit Includes: - 1 Gang Powder Coat White Wall Plate With Hdmi, VGA and 3.5mm - 1 Gang Powder Coat White Wall Plate With 2 Inch Grommet Hole - 10ft Hdmi, VGA and 3.5mm Audi	\$332.20 *
1	Crestron CBL-HD-12 Crestron Certified HDMI Interface Cable, 12 FT	
1	Crestron CBL-VGA-AUD-12 Crestron Certified Computer VGA Interface Cable W/audio, 12 FT	
Cables and Connectors Total:		\$435.95
Monitors and Mounts		
<i>Monitors, mounting hardware, configuration and labor as describe in this proposal.</i>		
1	Chief PAC526FBP4 In-wall Storage Box with 4 Receptacle Filter & Surge	\$439.17
1	Sharp PN-C703B 70" Full HD, Aquos Board, LED-backlit LCD - Flat Panel Display - Interactive Communication - 6 points of Touch-Screen	\$5,420.40 *
1	Chief LTM1U Large Fusion Micro-Adjustable Tilt Wall Mount	
1	DataVox Backing [NB] - NOTE: This monitor requires proper wall backing in order to be installed over sheet rock.	
1	Shuttle PN-SPCI5W7 Aquos Board Computer, Intel Core I5 4gb Ram 256gb Ssd Wifi Compact PC With Windows 7 Professional	
Monitors and Mounts Total:		\$5,859.57
Video Sources		
<i>Video sources, cables, programming and labor as described in this proposal.</i>		
1	Barco CSE-200 CLICKSHARE Clickshare Wireless Presentation System for small and medium sized rooms. -IEEE 802.11a/b/g/n Wireless Standards -Up to 3840 x 2160 Input Resolutions -2.4 GHz and 5 GHz Frequency Band -2 x ClickShare Buttons Included	\$1,776.96 *

BUDGETARY PRICING ONLY



City Hall Renovations

Qty	Description	Installed Price
1	Barco CLICKSHARE TRAY Click Share Tabletop Tray - USB Button Holder	
1	Generic HDMI-6FT 6ft HDMI Cable	
Video Sources Total:		\$1,776.96

Scheduling Panels

Scheduling panels and labor as described in this proposal.

1	Evoko Evoko Room Manager Evoko Room Manager 8 Inch Touch Screen Display	\$1,674.63 *
100	Commscope 6504-BLUE Cat6 Plenum Blue	
Scheduling Panels Total:		\$1,674.63

Video Conferencing

Video conferencing systems and labor as describe in this proposal.

1	DataVox DVX-MISC-CABL-CONN-HARD Miscellaneous Cables, Connectors, and Hardware	\$103.75
1	DataVox TESTING & TUNING Commissioning Services, Testing and Tuning	\$187.50
1	Logitech HD Pro Webcam C920 Make a vivid impression – onboard UVC H.264 technology supports full 1080p high definition quality, even on thin clients	\$201.30
Video Conferencing Total:		\$492.55

City Hall: 206.Conference Total: \$11,757.60

City Hall: 223.Conference

Audio Components

Audio amplifiers, digital signal processors, speakers, microphones, and wiring to support these devices.

1	Cables To Go 40413 6ft 3.5mm M/M Stereo Audio Cable	\$4.16
6	Crestron SAROS-ICE6T-W-T-EACH Saros Express 6.5" 2-way In-ceiling Speaker, White Textured, Single (must Be Ordered In Multiples Of 2)	\$941.28 *
120	Liberty Cable 16-2C-TTP-WHT Plenum 16 AWG Speaker Cable	

BUDGETARY PRICING ONLY



City Hall Renovations

Qty	Description	Installed Price
1	Extron XPA 2001-70V Mono 70v Power Amplifier - 200 WATTS	\$572.50
Audio Components Total:		\$1,517.94
Cables and Connectors		
<i>Cables, connectors and labor as describe in this proposal.</i>		
1	DataVox DVX-MISC-CABL-CONN-HARD Miscellaneous Cables, Connectors, and Hardware	\$103.75
1	Rci Custom DVI001-10KIT Dvi001-10kit 10ft Kit Includes: - 1 Gang Powder Coat White Wall Plate With Hdmi, VGA and 3.5mm - 1 Gang Powder Coat White Wall Plate With 2 Inch Grommet Hole - 10ft Hdmi, VGA and 3.5mm Audi	\$332.20 *
1	Crestron CBL-HD-12 Crestron Certified HDMI Interface Cable, 12 FT	
1	Crestron CBL-VGA-AUD-12 Crestron Certified Computer VGA Interface Cable W/audio, 12 FT	
Cables and Connectors Total:		\$435.95
Monitors and Mounts		
<i>Monitors, mounting hardware, configuration and labor as describe in this proposal.</i>		
1	Chief PAC526FBP4 In-wall Storage Box with 4 Receptacle Filter & Surge	\$439.17
1	Sharp PN-C703B 70" Full HD, Aquos Board, LED-backlit LCD - Flat Panel Display - Interactive Communication - 6 points of Touch-Screen	\$5,420.40 *
1	Chief LTM1U Large Fusion Micro-Adjustable Tilt Wall Mount	
1	DataVox Backing [NB] - NOTE: This monitor requires proper wall backing in order to be installed over sheet rock.	
1	Shuttle PN-SPCI5W7 Aquos Board Computer, Intel Core I5 4gb Ram 256gb Ssd Wifi Compact PC With Windows 7 Professional	
Monitors and Mounts Total:		\$5,859.57

BUDGETARY PRICING ONLY



City Hall Renovations

Qty	Description	Installed Price
Video Sources		
<i>Video sources, cables, programming and labor as described in this proposal.</i>		
1	Barco CSE-200 CLICKSHARE Clickshare Wireless Presentation System for small and medium sized rooms. -IEEE 802.11a/b/g/n Wireless Standards -Up to 3840 x 2160 Input Resolutions -2.4 GHz and 5 GHz Frequency Band -2 x ClickShare Buttons Included	\$1,776.96 *
1	Barco CLICKSHARE TRAY Click Share Tabletop Tray - USB Button Holder	
1	Generic HDMI-6FT 6ft HDMI Cable	
Video Sources Total:		\$1,776.96
Scheduling Panels		
<i>Scheduling panels and labor as described in this proposal.</i>		
4	Evoko Evoko Room Manager Evoko Room Manager 8 Inch Touch Screen Display	\$6,698.52 *
400	Commscope 6504-BLUE Cat6 Plenum Blue	
Scheduling Panels Total:		\$6,698.52
Video Conferencing		
<i>Video conferencing systems and labor as describe in this proposal.</i>		
1	DataVox DVX-MISC-CABL-CONN-HARD Miscellaneous Cables, Connectors, and Hardware	\$103.75
1	DataVox TESTING & TUNING Commissioning Services, Testing and Tuning	\$187.50
1	Logitech HD Pro Webcam C920 Make a vivid impression – onboard UVC H.264 technology supports full 1080p high definition quality, even on thin clients	\$201.30
Video Conferencing Total:		\$492.55
City Hall: 223.Conference Total:		\$16,781.49

City Hall: 305.Training Room

Audio Components

Audio amplifiers, digital signal processors, speakers, microphones, and wiring to support these devices.

BUDGETARY PRICING ONLY



City Hall Renovations

Qty	Description	Installed Price
1	Cables To Go 40413 6ft 3.5mm M/M Stereo Audio Cable	\$4.16
6	Crestron SAROS-ICE6T-W-T-EACH Saros Express 6.5" 2-way In-ceiling Speaker, White Textured, Single (must Be Ordered In Multiples Of 2)	\$941.28 *
120	Liberty Cable 16-2C-TTP-WHT Plenum 16 AWG Speaker Cable	
1	Extron XPA 2001-70V Mono 70v Power Amplifier - 200 WATTS	\$572.50
Audio Components Total:		\$1,517.94

Cables and Connectors

Cables, connectors and labor as describe in this proposal.

1	DataVox DVX-MISC-CABL-CONN-HARD Miscellaneous Cables, Connectors, and Hardware	\$103.75
1	Rci Custom DVI001-10KIT Dvi001-10kit 10ft Kit Includes: - 1 Gang Powder Coat White Wall Plate With Hdmi, VGA and 3.5mm - 1 Gang Powder Coat White Wall Plate With 2 Inch Grommet Hole - 10ft Hdmi, VGA and 3.5mm Audi	\$332.20 *
1	Crestron CBL-HD-12 Crestron Certified HDMI Interface Cable, 12 FT	
1	Crestron CBL-VGA-AUD-12 Crestron Certified Computer VGA Interface Cable W/audio, 12 FT	
Cables and Connectors Total:		\$435.95

Monitors and Mounts

Monitors, mounting hardware, configuration and labor as describe in this proposal.

1	Chief PAC526FBP4 In-wall Storage Box with 4 Receptacle Filter & Surge	\$439.17
1	Sharp PN-L803C 80" Full HD, Aquos Board, LED-backlit LCD - Flat Panel Display - Interactive Communication - Touch-Screen - Edge-Lit	\$12,026.91 *
1	Chief LSM1U Large Fusion Micro-Adjustable Fixed Wall Display Mount	

BUDGETARY PRICING ONLY



City Hall Renovations

Qty	Description	Installed Price
1	DataVox Backing [NB] - NOTE: This monitor requires proper wall backing in order to be installed over sheet rock.	
1	Shuttle PN-SPCI5W7 Aquos Board Computer, Intel Core I5 4gb Ram 256gb Ssd Wifi Compact PC With Windows 7 Professional	
Monitors and Mounts Total:		\$12,466.08

Video Sources

Video sources, cables, programming and labor as described in this proposal.

1	Barco CSE-200 CLICKSHARE Clickshare Wireless Presentation System for small and medium sized rooms. -IEEE 802.11a/b/g/n Wireless Standards -Up to 3840 x 2160 Input Resolutions -2.4 GHz and 5 GHz Frequency Band -2 x ClickShare Buttons Included	\$1,776.96 *
1	Barco CLICKSHARE TRAY Click Share Tabletop Tray - USB Button Holder	
1	Generic HDMI-6FT 6ft HDMI Cable	
Video Sources Total:		\$1,776.96

Scheduling Panels

Scheduling panels and labor as described in this proposal.

1	Evoko Evoko Room Manager Evoko Room Manager 8 Inch Touch Screen Display	\$1,674.63 *
100	Commscope 6504-BLUE Cat6 Plenum Blue	
Scheduling Panels Total:		\$1,674.63

Video Conferencing

Video conferencing systems and labor as describe in this proposal.

1	DataVox DVX-MISC-CABL-CONN-HARD Miscellaneous Cables, Connectors, and Hardware	\$103.75
1	DataVox TESTING & TUNING Commissioning Services, Testing and Tuning	\$187.50
1	Logitech HD Pro Webcam C920 Make a vivid impression – onboard UVC H.264 technology supports full 1080p high definition quality, even on thin clients	\$201.30

BUDGETARY PRICING ONLY



City Hall Renovations

Qty	Description	Installed Price
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Video Conferencing Total: \$492.55

City Hall: 305.Training Room Total: \$18,364.11

City Hall: Lobby

Digital Signage

Digital Signage Players, Software and Labor as described in this proposal.

1	Brightsign XD1132 Networked Interactive Solid State Media Player with Live HDTV	\$713.69 *
1	Lexar LSD16GCB1NL633 Lexar Professional 633x 16GB SDHC UHS-I Card w/Image Rescue 5 Software	
1	Chief MTM1U Medium fusion micro-adjustable tilt wall display mount	\$224.77
1	LG Electronics 43LW340C LG Commercial Lite Digital Signage Display - 43" LCD - 1920 x 1080 - 1080p - HDMI - USB - SerialEthernet RJ45 USB SPEAKER STAND	\$835.65

Digital Signage Total: \$1,774.11

City Hall: Lobby Total: \$1,774.11

City Hall: 319.Conference

Audio Components

Audio amplifiers, digital signal processors, speakers, microphones, and wiring to support these devices.

1	Cables To Go 40413 6ft 3.5mm M/M Stereo Audio Cable	\$4.16
6	Crestron SAROS-ICE6T-W-T-EACH Saros Express 6.5" 2-way In-ceiling Speaker, White Textured, Single (must Be Ordered In Multiples Of 2)	\$941.28 *
120	Liberty Cable 16-2C-TTP-WHT Plenum 16 AWG Speaker Cable	
1	Extron XPA 2001-70V Mono 70v Power Amplifier - 200 WATTS	\$572.50

Audio Components Total: \$1,517.94

Cables and Connectors

Cables, connectors and labor as describe in this proposal.

1	DataVox DVX-MISC-CABL-CONN-HARD Miscellaneous Cables, Connectors, and Hardware	\$103.75
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BUDGETARY PRICING ONLY



City Hall Renovations

Qty	Description	Installed Price
1	Rci Custom DVI001-10KIT Dvi001-10kit 10ft Kit Includes: - 1 Gang Powder Coat White Wall Plate With Hdmi, VGA and 3.5mm - 1 Gang Powder Coat White Wall Plate With 2 Inch Grommet Hole - 10ft Hdmi, VGA and 3.5mm Audi	\$332.20 *
1	Crestron CBL-HD-12 Crestron Certified HDMI Interface Cable, 12 FT	
1	Crestron CBL-VGA-AUD-12 Crestron Certified Computer VGA Interface Cable W/audio, 12 FT	
Cables and Connectors Total:		\$435.95
Monitors and Mounts		
<i>Monitors, mounting hardware, configuration and labor as describe in this proposal.</i>		
1	Chief PAC526FBP4 In-wall Storage Box with 4 Receptacle Filter & Surge	\$439.17
1	Sharp PN-C703B 70" Full HD, Aquos Board, LED-backlit LCD - Flat Panel Display - Interactive Communication - 6 points of Touch-Screen	\$5,420.40 *
1	Chief LTM1U Large Fusion Micro-Adjustable Tilt Wall Mount	
1	DataVox Backing [NB] - NOTE: This monitor requires proper wall backing in order to be installed over sheet rock.	
1	Shuttle PN-SPCI5W7 Aquos Board Computer, Intel Core I5 4gb Ram 256gb Ssd Wifi Compact PC With Windows 7 Professional	
Monitors and Mounts Total:		\$5,859.57
Video Sources		
<i>Video sources, cables, programming and labor as described in this proposal.</i>		
1	Barco CSE-200 CLICKSHARE Clickshare Wireless Presentation System for small and medium sized rooms. -IEEE 802.11a/b/g/n Wireless Standards -Up to 3840 x 2160 Input Resolutions -2.4 GHz and 5 GHz Frequency Band -2 x ClickShare Buttons Included	\$1,776.96 *
1	Barco CLICKSHARE TRAY Click Share Tabletop Tray - USB Button Holder	

BUDGETARY PRICING ONLY



City Hall Renovations

Qty	Description	Installed Price
1	Generic HDMI-6FT 6ft HDMI Cable	
Video Sources Total:		\$1,776.96
Scheduling Panels		
<i>Scheduling panels and labor as described in this proposal.</i>		
2	Evoko Evoko Room Manager Evoko Room Manager 8 Inch Touch Screen Display	\$3,349.26 *
200	Commscope 6504-BLUE Cat6 Plenum Blue	
Scheduling Panels Total:		\$3,349.26
Video Conferencing		
<i>Video conferencing systems and labor as describe in this proposal.</i>		
1	DataVox DVX-MISC-CABL-CONN-HARD Miscellaneous Cables, Connectors, and Hardware	\$103.75
1	Logitech HD Pro Webcam C920 Make a vivid impression – onboard UVC H.264 technology supports full 1080p high definition quality, even on thin clients	\$201.30
Additional Options (Not Included in Total Price)		
1	DataVox TESTING & TUNING Commissioning Services, Testing and Tuning	\$187.50
Video Conferencing Total:		\$305.05
City Hall: 319.Conference Total:		\$13,244.73

City Hall: 335.Conference

Cables and Connectors

Cables, connectors and labor as describe in this proposal.

1	DataVox DVX-MISC-CABL-CONN-HARD Miscellaneous Cables, Connectors, and Hardware	\$103.75
1	Rci Custom DVI001-10KIT Dvi001-10kit 10ft Kit Includes: - 1 Gang Powder Coat White Wall Plate With Hdmi, VGA and 3.5mm - 1 Gang Powder Coat White Wall Plate With 2 Inch Grommet Hole - 10ft Hdmi, VGA and 3.5mm Audi	\$332.20 *

BUDGETARY PRICING ONLY



City Hall Renovations

Qty	Description	Installed Price
1	Crestron CBL-HD-12 Crestron Certified HDMI Interface Cable, 12 FT	
1	Crestron CBL-VGA-AUD-12 Crestron Certified Computer VGA Interface Cable W/audio, 12 FT	
Cables and Connectors Total:		\$435.95

Monitors and Mounts

Monitors, mounting hardware, configuration and labor as describe in this proposal.

1	Chief PAC526FBP4 In-wall Storage Box with 4 Receptacle Filter & Surge	\$439.17
1	Sharp PN-C603D 60" Full HD, Aquos Board, LED-backlit LCD - Flat Panel Display - Interactive Communication - 6 points of Touch-Screen	\$4,508.40 *
1	Chief LTM1U Large Fusion Micro-Adjustable Tilt Wall Mount	
1	DataVox Backing [NB] - NOTE: This monitor requires proper wall backing in order to be installed over sheet rock.	
1	Shuttle PN-SPCI5W7 Aquos Board Computer, Intel Core I5 4gb Ram 256gb Ssd Wifi Compact PC With Windows 7 Professional	
Monitors and Mounts Total:		\$4,947.57

Video Sources

Video sources, cables, programming and labor as described in this proposal.

1	Barco CSE-200 CLICKSHARE Clickshare Wireless Presentation System for small and medium sized rooms. -IEEE 802.11a/b/g/n Wireless Standards -Up to 3840 x 2160 Input Resolutions -2.4 GHz and 5 GHz Frequency Band -2 x ClickShare Buttons Included	\$1,776.96 *
1	Barco CLICKSHARE TRAY Click Share Tabletop Tray - USB Button Holder	
1	Generic HDMI-6FT 6ft HDMI Cable	
Video Sources Total:		\$1,776.96

BUDGETARY PRICING ONLY



City Hall Renovations

Qty	Description	Installed Price
Scheduling Panels		
<i>Scheduling panels and labor as described in this proposal.</i>		
1	Evoko Evoko Room Manager Evoko Room Manager 8 Inch Touch Screen Display	\$1,674.63 *
100	Commscope 6504-BLUE Cat6 Plenum Blue	
Scheduling Panels Total:		\$1,674.63
Video Conferencing		
<i>Video conferencing systems and labor as describe in this proposal.</i>		
1	DataVox DVX-MISC-CABL-CONN-HARD Miscellaneous Cables, Connectors, and Hardware	\$103.75
1	Logitech HD Pro Webcam C920 Make a vivid impression – onboard UVC H.264 technology supports full 1080p high definition quality, even on thin clients	\$201.30
Additional Options (Not Included in Total Price)		
1	DataVox TESTING & TUNING Commissioning Services, Testing and Tuning	\$187.50
Video Conferencing Total:		\$305.05
City Hall: 335.Conference Total:		\$9,140.16

Annex: A122.Large Conference

Audio Components

Audio amplifiers, digital signal processors, speakers, microphones, and wiring to support these devices.

1	Cables To Go 40413 6ft 3.5mm M/M Stereo Audio Cable	\$4.16
6	Crestron SAROS-ICE6T-W-T-EACH Saros Express 6.5" 2-way In-ceiling Speaker, White Textured, Single (must Be Ordered In Multiples Of 2)	\$941.28 *
120	Liberty Cable 16-2C-TTP-WHT Plenum 16 AWG Speaker Cable	
1	Extron XPA 2001-70V Mono 70v Power Amplifier - 200 WATTS	\$572.50
Audio Components Total:		\$1,517.94

BUDGETARY PRICING ONLY



City Hall Renovations

Qty	Description	Installed Price
Cables and Connectors		
<i>Cables, connectors and labor as describe in this proposal.</i>		
1	DataVox DVX-MISC-CABL-CONN-HARD Miscellaneous Cables, Connectors, and Hardware	\$103.75
1	Rci Custom DVI001-10KIT Dvi001-10kit 10ft Kit Includes: - 1 Gang Powder Coat White Wall Plate With Hdmi, VGA and 3.5mm - 1 Gang Powder Coat White Wall Plate With 2 Inch Grommet Hole - 10ft Hdmi, VGA and 3.5mm Audi	\$332.20 *
1	Crestron CBL-HD-12 Crestron Certified HDMI Interface Cable, 12 FT	
1	Crestron CBL-VGA-AUD-12 Crestron Certified Computer VGA Interface Cable W/audio, 12 FT	
Cables and Connectors Total:		\$435.95

Monitors and Mounts

Monitors, mounting hardware, configuration and labor as describe in this proposal.

Additional Options (Not Included in Total Price)

1	Chief PAC526FBP4 In-wall Storage Box with 4 Receptacle Filter & Surge	\$439.17
1	Sharp PN-L803C 80" Full HD, Aquos Board, LED-backlit LCD - Flat Panel Display - Interactive Communication - Touch-Screen - Edge-Lit	\$12,026.91 *
1	Chief LSM1U Large Fusion Micro-Adjustable Fixed Wall Display Mount	\$239.80
1	DataVox Backing [NB] - NOTE: This monitor requires proper wall backing in order to be installed over sheet rock.	\$0.00
1	Shuttle PN-SPCI5W7 Aquos Board Computer, Intel Core I5 4gb Ram 256gb Ssd Wifi Compact PC With Windows 7 Professional	\$1,417.63
Monitors and Mounts Total:		\$0.00

Projectors and Screens

Projectors, screens, mounting hardware, configuration and labor as describe in this proposal.

BUDGETARY PRICING ONLY



City Hall Renovations

Qty	Description	Installed Price
1	Optional Laser Projector and 133" Motorized Screen Optional Laser Projector and 133" Motorized Screen	\$8,324.79
1	Chief SYSAUW Suspended Ceiling Projector System - White	
1	Da-lite 110" - TENSIONED ADVANTAGE ELECTROL - 16:9 - Da-Mat 54" x 96" - 110" Diagonal - Tensioned Advantage Electrol - 16:9 HDTV Format - Da-Mat	
1	DataVox DVX-CONSUMABLES Miscellaneous Hardware For Mounting Components	
1	Nec NP-P502HL 5000-lumen professional installation Laser projector, 16:9, 1080P	
Projectors and Screens Total:		\$8,324.79

Video Sources

Video sources, cables, programming and labor as described in this proposal.

1	Barco CSE-200 CLICKSHARE Clickshare Wireless Presentation System for small and medium sized rooms. -IEEE 802.11a/b/g/n Wireless Standards -Up to 3840 x 2160 Input Resolutions -2.4 GHz and 5 GHz Frequency Band -2 x ClickShare Buttons Included	\$1,776.96 *
1	Barco CLICKSHARE TRAY Click Share Tabletop Tray - USB Button Holder	
1	Generic HDMI-6FT 6ft HDMI Cable	
Video Sources Total:		\$1,776.96

Scheduling Panels

Scheduling panels and labor as described in this proposal.

1	Evoko Evoko Room Manager Evoko Room Manager 8 Inch Touch Screen Display	\$1,674.63 *
100	Commscope 6504-BLUE Cat6 Plenum Blue	
Scheduling Panels Total:		\$1,674.63

Video Conferencing

Video conferencing systems and labor as describe in this proposal.

BUDGETARY PRICING ONLY



City Hall Renovations

Qty	Description	Installed Price
1	DataVox DVX-MISC-CABL-CONN-HARD Miscellaneous Cables, Connectors, and Hardware	\$103.75
1	DataVox TESTING & TUNING Commissioning Services, Testing and Tuning	\$187.50
1	Logitech HD Pro Webcam C920 Make a vivid impression – onboard UVC H.264 technology supports full 1080p high definition quality, even on thin clients	\$201.30
Video Conferencing Total:		\$492.55
Annex: A122.Large Conference Total:		\$14,222.82

Annex: A143.Finance Conference

Audio Components

Audio amplifiers, digital signal processors, speakers, microphones, and wiring to support these devices.

1	Cables To Go 40413 6ft 3.5mm M/M Stereo Audio Cable	\$4.16
2	Crestron SAROS-ICE6T-W-T-EACH Saros Express 6.5" 2-way In-ceiling Speaker, White Textured, Single (must Be Ordered In Multiples Of 2)	\$313.76 *
40	Liberty Cable 16-2C-TTP-WHT Plenum 16 AWG Speaker Cable	
1	Extron MPA 401-70V Mono 70v Power Amplifier - 40 Watt	\$356.25
Audio Components Total:		\$674.17

Cables and Connectors

Cables, connectors and labor as describe in this proposal.

1	DataVox DVX-MISC-CABL-CONN-HARD Miscellaneous Cables, Connectors, and Hardware	\$103.75
1	Rci Custom DVI001-10KIT Dvi001-10kit 10ft Kit Includes: - 1 Gang Powder Coat White Wall Plate With Hdmi, VGA and 3.5mm - 1 Gang Powder Coat White Wall Plate With 2 Inch Grommet Hole - 10ft Hdmi, VGA and 3.5mm Audi	\$332.20 *
1	Crestron CBL-HD-12 Crestron Certified HDMI Interface Cable, 12 FT	

BUDGETARY PRICING ONLY



City Hall Renovations

Qty	Description	Installed Price
1	Crestron CBL-VGA-AUD-12 Crestron Certified Computer VGA Interface Cable W/audio, 12 FT	
Cables and Connectors Total:		\$435.95
Monitors and Mounts		
<i>Monitors, mounting hardware, configuration and labor as describe in this proposal.</i>		
1	Chief PAC526FBP4 In-wall Storage Box with 4 Receptacle Filter & Surge	\$439.17
1	Sharp PN-C703B 70" Full HD, Aquos Board, LED-backlit LCD - Flat Panel Display - Interactive Communication - 6 points of Touch-Screen	\$5,420.40 *
1	Chief LTM1U Large Fusion Micro-Adjustable Tilt Wall Mount	
1	DataVox Backing [NB] - NOTE: This monitor requires proper wall backing in order to be installed over sheet rock.	
1	Shuttle PN-SPCI5W7 Aquos Board Computer, Intel Core I5 4gb Ram 256gb Ssd Wifi Compact PC With Windows 7 Professional	
Monitors and Mounts Total:		\$5,859.57
Video Sources		
<i>Video sources, cables, programming and labor as described in this proposal.</i>		
1	Barco CSE-200 CLICKSHARE Clickshare Wireless Presentation System for small and medium sized rooms. -IEEE 802.11a/b/g/n Wireless Standards -Up to 3840 x 2160 Input Resolutions -2.4 GHz and 5 GHz Frequency Band -2 x ClickShare Buttons Included	\$1,776.96 *
1	Barco CLICKSHARE TRAY Click Share Tabletop Tray - USB Button Holder	
1	Generic HDMI-6FT 6ft HDMI Cable	
Video Sources Total:		\$1,776.96
Scheduling Panels		
<i>Scheduling panels and labor as described in this proposal.</i>		
1	Evoko Evoko Room Manager Evoko Room Manager 8 Inch Touch Screen Display	\$1,674.63 *

BUDGETARY PRICING ONLY



City Hall Renovations

Qty	Description	Installed Price
100	Commscope 6504-BLUE Cat6 Plenum Blue	
Scheduling Panels Total:		\$1,674.63
Video Conferencing		
<i>Video conferencing systems and labor as describe in this proposal.</i>		
1	DataVox DVX-MISC-CABL-CONN-HARD Miscellaneous Cables, Connectors, and Hardware	\$103.75
1	DataVox TESTING & TUNING Commissioning Services, Testing and Tuning	\$187.50
1	Logitech HD Pro Webcam C920 Make a vivid impression – onboard UVC H.264 technology supports full 1080p high definition quality, even on thin clients	\$201.30
Video Conferencing Total:		\$492.55
Annex: A143.Finance Conference Total:		\$10,913.83

Annex: A148.Vendor Conference

Cables and Connectors

Cables, connectors and labor as describe in this proposal.

1	DataVox DVX-MISC-CABL-CONN-HARD Miscellaneous Cables, Connectors, and Hardware	\$103.75
1	Rci Custom DVI001-10KIT Dvi001-10kit 10ft Kit Includes: - 1 Gang Powder Coat White Wall Plate With Hdmi, VGA and 3.5mm - 1 Gang Powder Coat White Wall Plate With 2 Inch Grommet Hole - 10ft Hdmi, VGA and 3.5mm Audi	\$332.20 *
1	Crestron CBL-HD-12 Crestron Certified HDMI Interface Cable, 12 FT	
1	Crestron CBL-VGA-AUD-12 Crestron Certified Computer VGA Interface Cable W/audio, 12 FT	
Cables and Connectors Total:		\$435.95

Monitors and Mounts

Monitors, mounting hardware, configuration and labor as describe in this proposal.

1	Chief PAC526FBP4 In-wall Storage Box with 4 Receptacle Filter & Surge	\$439.17
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BUDGETARY PRICING ONLY



City Hall Renovations

Qty	Description	Installed Price
1	Sharp PN-C603D 60" Full HD, Aquos Board, LED-backlit LCD - Flat Panel Display - Interactive Communication - 6 points of Touch-Screen	\$4,508.40 *
1	Chief LTM1U Large Fusion Micro-Adjustable Tilt Wall Mount	
1	DataVox Backing [NB] - NOTE: This monitor requires proper wall backing in order to be installed over sheet rock.	
1	Shuttle PN-SPCI5W7 Aquos Board Computer, Intel Core I5 4gb Ram 256gb Ssd Wifi Compact PC With Windows 7 Professional	
Monitors and Mounts Total:		\$4,947.57
Video Sources		
<i>Video sources, cables, programming and labor as described in this proposal.</i>		
1	Barco CSE-200 CLICKSHARE Clickshare Wireless Presentation System for small and medium sized rooms. -IEEE 802.11a/b/g/n Wireless Standards -Up to 3840 x 2160 Input Resolutions -2.4 GHz and 5 GHz Frequency Band -2 x ClickShare Buttons Included	\$1,776.96 *
1	Barco CLICKSHARE TRAY Click Share Tabletop Tray - USB Button Holder	
1	Generic HDMI-6FT 6ft HDMI Cable	
Video Sources Total:		\$1,776.96
Scheduling Panels		
<i>Scheduling panels and labor as described in this proposal.</i>		
1	Evoko Evoko Room Manager Evoko Room Manager 8 Inch Touch Screen Display	\$1,674.63 *
100	Commscope 6504-BLUE Cat6 Plenum Blue	
Scheduling Panels Total:		\$1,674.63
Video Conferencing		
<i>Video conferencing systems and labor as describe in this proposal.</i>		
1	DataVox DVX-MISC-CABL-CONN-HARD Miscellaneous Cables, Connectors, and Hardware	\$103.75

BUDGETARY PRICING ONLY



City Hall Renovations

Qty	Description	Installed Price
1	DataVox TESTING & TUNING Commissioning Services, Testing and Tuning	\$187.50
1	Logitech HD Pro Webcam C920 Make a vivid impression – onboard UVC H.264 technology supports full 1080p high definition quality, even on thin clients	\$201.30
Video Conferencing Total:		\$492.55
Annex: A148.Vendor Conference Total:		\$9,327.66

Annex: Lobby

Digital Signage

Digital Signage Players, Software and Labor as described in this proposal.

2	Brightsign XD1132 Networked Interactive Solid State Media Player with Live HDTV	\$1,427.38 *
2	Lexar LSD16GCB1NL633 Lexar Professional 633x 16GB SDHC UHS-I Card w/Image Rescue 5 Software	
2	Chief MTM1U Medium fusion micro-adjustable tilt wall display mount	\$449.54
2	LG Electronics 43LW340C LG Commercial Lite Digital Signage Display - 43" LCD - 1920 x 1080 - 1080p - HDMI - USB - SerialEthernet RJ45 USB SPEAKER STAND	\$1,671.30
Digital Signage Total:		\$3,548.22
Annex: Lobby Total:		\$3,548.22

Structured Cabling Proposal

Cables and Connectors

Cables, connectors and labor as describe in this proposal.

1	DataVox Structured Cabling Proposal Structured Cabling Proposal *See attached Scope of Work.	\$127,900.00
Cables and Connectors Total:		\$127,900.00
Structured Cabling Proposal Total:		\$127,900.00

Professional Services

Furniture

Audio Visual racks, cabinets and carts and labor as describe in this proposal.

BUDGETARY PRICING ONLY



City Hall Renovations

Qty	Description	Installed Price
1	DataVox ENGINEERING Design and Engineering Services, CAD Drawings, One-Lines and As-Built Documentation Creation.	\$1,860.00
1	DataVox PROJECT MANAGEMENT Project Management - Planning, Scheduling, Order Processing, Construction Meetings and Wrap Up.	\$3,712.50
Furniture Total:		\$5,572.50
Professional Services Total:		\$5,572.50
Project Subtotal:		\$377,803.12

BUDGETARY PRICING ONLY

City Hall Renovations



Project Pricing Summary

Total Installation Price: \$377,803.12

Total Price (Excluding Sales Tax): \$377,803.12

BUDGETARY PRICING ONLY

City Hall Renovations



Purchase Options:

Cash Purchase Terms of Payment:

<i>Billing Milestones</i>	<i>Percent Due</i>	<i>Amount Due</i>
Deposit - Due on Signature	40.00 %	\$151,121.25
Progress Payments	60.00 %	\$226,681.87
Total Payments (Excluding Sales Tax):		100 %
		\$377,803.12

Support Options (Select One):

<i>Description (For details see Terms & Conditions section 24):</i>	<i>Annual Charge</i>
<input type="checkbox"/> Standard Support Agreement (90 days) (90 day warranty on workmanship, manufacture warranties still apply, all other labor billable after 90 days)	Included
<input type="checkbox"/> 3 Year Extended Support Agreement (Years 2-3) (1st year free, Excludes sales tax, Billed annually, Extended support begins 1 year after first substantial use)	\$26,446.22
<input type="checkbox"/> 5 Year Extended Support Agreement (Years 2-5) (1st year free, Excludes sales tax, Billed annually, Extended support begins 1 year after first substantial use)	\$22,668.19

Lease Purchase Terms of Payment (Includes Extended Support Agreement) :

<input type="checkbox"/> 36 Month Lease (FMV):	
* Payment per month	\$13,313.66
* Deposit (2) months	\$26,627.32
* Payment Excludes Sales Tax	
<input type="checkbox"/> 60 Month Lease (FMV):	
* Payment per month	\$9,528.10
* Deposit (2) months	\$19,056.19
* Payment Excludes Sales Tax	

ACCEPTANCE OF PROPOSAL

When (but only when) signed by buyer and an authorized representative of DataVox this shall be a binding, legal contract.

The prices, specifications, and conditions in this proposal are satisfactory, and are hereby accepted in their entirety. Buyer hereby agrees to purchase the Equipment and authorizes DataVox to do the work, and provide the materials specified, and payment will be made as outlined above. The price quoted in this Audio Visual Proposal is based upon the Equipment included in this Audio Visual Proposal. Any changes in the Equipment or installation may result in a change in the price. Any such change must be in writing, signed by all parties.

DataVox reserves the right to modify payment terms at any time based on a review of the Customer's credit.

THIS AGREEMENT, WHEN SIGNED BY BOTH PARTIES (BELOW), SHALL BE GOVERNED BY THE TERMS AND CONDITIONS IN THIS AUDIO VISUAL PROPOSAL. THERE ARE NO OTHER AGREEMENTS, OR WARRANTIES, ORAL OR WRITTEN, EXCEPT AS EXPRESSLY STATED IN THIS AUDIO VISUAL PROPOSAL. THIS AGREEMENT CANNOT BE MODIFIED EXCEPT IN WRITING SIGNED BY BOTH PARTIES.

Buyer acknowledges having read and understood all of the terms and conditions printed in this Audio Visual Proposal and acknowledges receipt of a complete executed copy of this Agreement. Buyer understands and agrees that this Audio Visual Proposal and all of the terms and conditions hereof shall be a binding, enforceable contract when signed by Buyer and by an authorized representative of DataVox.

Approval Signatures

IN WITNESS WHEREOF, the duly authorized representatives of the parties hereto have caused this Proposal to be duly executed.

DataVox, Inc.

City of Pearland

By: _____
(Signature)

By: _____
(Signature)

Name: _____

Name: _____

Title: _____

Title: _____

Date: _____

Date: _____

Note: Description of Services and Responsibilities are included in the forthcoming Scope of Work.

BUDGETARY PRICING ONLY



City Hall Renovations

Terms and Conditions

Please find DIR Terms and Conditions online at the following website:

<http://dir.texas.gov/View-Search/Contracts-Detail.aspx?contractnumber=DIR-TSO-3321&keyword=DIR-TSO-3321>

RESOLUTION #2017-15

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF WILDWOOD, MISSOURI, AUTHORIZING THE CITY ADMINISTRATOR TO ISSUE A PURCHASE ORDER ON BEHALF OF THE CITY OF WILDWOOD WITH CORPORATE INTERIORS, INC., d/b/a CI SELECT, FOR THE PURCHASE, DELIVERY AND INSTALLATION OF AUDIO VISUAL RECORDING AND STREAMING EQUIPMENT FOR THE WILDWOOD MUNICIPAL BUILDING

WHEREAS, the City Council desires to enhance accessibility to its meetings through recording and streaming video for public viewing through the internet; and

WHEREAS, the City's audio visual consultant has provided a proposal for the purchase, delivery and installation of a recording and stream processor, two-camera system, and related upgrades to the current audio visual system; and

WHEREAS, said improvements will enhance the ability to effectively conduct public meetings in the Council Chambers of the Wildwood Municipal Building.

NOW THEREFORE, BE IT RESOLVED BY THE COUNCIL OF THE CITY OF WILDWOOD, MISSOURI, AS FOLLOWS:

Section One. The City Administrator of the City of Wildwood is hereby authorized and empowered to, on behalf of the City, issue a Purchase Order with Corporate Interiors, Inc, d/b/a CI Select, to furnish, deliver and install audio visual recording and streaming equipment for the Wildwood Municipal Building, consistent with the terms set forth in the Proposal attached hereto as **Exhibit A** and incorporated by reference herein..

Section Two. That the City Administrator is hereby further authorized and directed on behalf of and in the name of the City to agree to do any and all other acts and things and to execute and deliver any and all other agreements, documents, instruments and certificates, all as may be necessary and appropriate to consummate the above mentioned purchase order consistent with the Proposal. The execution by the City Administrator of any agreement, document, instrument, check or certificate referred to in this Resolution and the Proposal shall be conclusive evidence of the approval thereof and of all of the terms, provisions and conditions contained therein. Any and all acts which the City Administrator may do or perform in conformance with the powers conferred upon him by this Resolution are hereby expressly authorized, approved, ratified and confirmed.

Section Three. The total expenses and liability of the City of Wildwood authorized herein shall not exceed \$23,496.75.

Section Four. This Resolution shall be effective upon its passage and approval.

*PASSED AND RESOLVED BY THE CITY COUNCIL OF THE CITY OF WILDWOOD,
MISSOURI, THIS ___ DAY OF _____, 2017.*

By: _____
JAMES R. BOWLIN, MAYOR

ATTEST:

CITY CLERK

EXHIBIT A

Customer:

City of Wildwood
16860 Main Street
Wildwood, MO 63040
Project: Add cameras for A/V recording and streaming.



11840 Westline Industrial Drive
St Louis, MO 63146
314-909-1990 phone
314-909-1911 fax

Project Description:

Install listed equipment to provide recording from either a camera viewing the Dias or a camera viewing the lectern. Recording processor will record a camera, any content that is sent to the projector, and room program audio at the same time. A camera/recoding page will be added to the Crestron touch screen for control. A new equipment rack will be bolted to the top of the existing rack. The new system controller will provide for faster more reliable control and the 10" screen will provide an easier to use control surface. There is no electrical service or data service included with this proposal. Work is quoted as normal business hours. Steaming services are by others.

Submitted By: Tim Landwehr

EQUIPMENT:

	<u>Product</u>	<u>Manufacturer</u>	<u>Model #</u>	<u>Qty.</u>	<u>Price</u>	<u>Extended Price</u>
1	VGA to HDMI scaler	Crestron	HD-Scaler-VGA-E	1	\$375.00	\$375.00
2	Recording and streaming processor, 400 GB, unit will record and stream simultaneously	Extron	60-1324-11	1	\$4,793.33	\$4,793.33
3	Camera and extender set for Dias to look at lectern	Vaddio	999-6920-100	1	\$2,542.67	\$2,542.67
4	Camera and extender set for rear of room	Vaddio	999-9906-000	1	\$4,942.67	\$4,942.67
5	Camera ceiling mount ofr rear camera, 24" tall	Vaddio	535-2000-291	1	\$268.00	\$268.00
6	Equipment rack (to be installed on top of existing rack)	Middle Atlantic	OBRK12	1	\$302.50	\$302.50
7	3 Series system contr5oller	Crestron	PRO3	1	\$3,312.50	\$3,312.50
8	10.1" touch screen	Crestron	TSW-1060	1	\$1,500.00	\$1,500.00
9	Touch screen table top kit	Crestron	TSW-1060-TTK	1	\$156.25	\$156.25
Equipment Sub Total						\$18,192.92

AV SERVICES:

Installation Labor & Materials	\$1,717.65
Project Management includes: Programming, Testing & Tuning, Training, Warranty, Drawings & Documentation	\$3,203.20
Shipping & Handling	\$382.99
AV Services Sub Total	\$5,303.84

Proposal valid for 30 days from:

4/30/2017

Grand Total \$23,496.75
Sales tax not included

"CI Select is pleased to submit this proposal for your acceptance. Unless otherwise stated, quoted prices are based on normal working hours, M-F, 8am-4pm. Buyer is subject to applicable sales tax. Seller retains a purchase money interest. By accepting this proposal, you agree to our full terms & conditions- see our website at www.ciselect.com/terms. The deposit amount below is required within 5 days of order placement. A convenience fee of 2.75% applies to credit cards."

**AGREEMENT
FOR
CONTRACT SERVICES**

THIS AGREEMENT is made and entered into in the City of Ceres, State of California, this 28th day of August, 2008, by and between the CITY OF CERES REDEVELOPMENT AGENCY, a public entity hereinafter referred to as "CITY", and CENTRAL VALLEY ELECTRONICS hereinafter referred to as "CONTRACTOR".

NOW, THEREFORE, in consideration of this Agreement, and the mutual promises, covenants, and stipulations hereinafter contained, the parties agree as follows:

1. SCOPE OF SERVICES / PLANS AND SPECIFICATIONS

In compliance with all terms and conditions of this Agreement, the CONTRACTOR shall provide the construction services specified in the "Scope of Work" attached hereto as Exhibit "A" and incorporated herein by this reference, which services may be referred to herein as the "services" or "work" hereunder. As a material inducement to the CITY entering into this Agreement, CONTRACTOR represents that it is a provider of work and services consistent with the standards of care, diligence and skill ordinarily exercised by contractors in similar circumstances in accordance with sound construction practices and that CONTRACTOR is experienced in performing the work and services contemplated herein. CONTRACTOR covenants that it will follow sound construction practices and standards in performing the work and services required hereunder and that all work product will be of good quality, fit for the purpose intended.

2. COMPLIANCE WITH LAW

All services rendered hereunder shall be provided in accordance with all ordinances, resolutions, statutes, rules, and regulations of the CITY and any Federal, State, or local governmental agency having jurisdiction in effect at the time service is rendered.

3. LICENSES, PERMITS, FEES, & ASSESSMENTS

CONTRACTOR shall obtain at its sole cost and expense such licenses, permits, and approvals as may be required by law for the performance of the services required by this Agreement. CONTRACTOR shall have the sole obligation to pay for any fees, assessments and taxes, plus applicable penalties and interest, which may be imposed by law and arise from or are necessary for the CONTRACTOR'S performance of the services required by this Agreement,

and shall indemnify, defend and hold harmless CITY against any such fees, assessments, taxes, penalties, or interest levied, assessed, or imposed against CITY hereunder.

4. FAMILIARITY WITH WORK

By executing this Agreement, CONTRACTOR warrants that CONTRACTOR: (a) has thoroughly investigated and considered the scope of services to be performed; (b) has carefully considered how the services should be performed; and, (c) fully understands the facilities, difficulties, and restrictions attending performance of the services under this Agreement. If services involve work upon any site, CONTRACTOR warrants that CONTRACTOR has or will investigate the site and is or will be fully acquainted with the conditions there existing, prior to commencement of services hereunder. Should the CONTRACTOR discover any latent or unknown conditions which will materially affect the performance of the services hereunder, CONTRACTOR shall immediately inform the CITY of such fact and shall not proceed except at CONTRACTOR'S risk until written instructions are received from the Contract Officer.

5. FURTHER RESPONSIBILITIES OF PARTIES

Both parties agree to use reasonable care and diligence to perform their respective obligations under this Agreement. Both parties agree to act in good faith to execute all instruments, prepare all documents, and take all actions as may be reasonably necessary to carry out the purposes of this Agreement. Unless hereafter specified, neither party shall be responsible for the service of the other.

6. ADDITIONAL SERVICES

CITY shall have the right at any time during the performance of the services, without invalidating this Agreement, to order extra work or make changes by altering, adding to or deducting from said work. No such extra work may be undertaken unless a written order is first given by the Contract Officer to the CONTRACTOR, incorporating therein any adjustment in (i) the Contract Sum, and/or (ii) the time to perform this Agreement, which said adjustments are subject to the written approval of the CONTRACTOR. Any change in compensation of five percent (5%) or less of the Contract Sum, or in the time to perform, may be approved by the Contract Officer. Any greater change, taken either separately or cumulatively must be approved by the CITY Council. It is expressly understood by CONTRACTOR that the provisions of this section shall not apply to services specifically set forth in the Scope of Work or reasonably

contemplated therein. CONTRACTOR hereby acknowledges that it accepts the risk that the services to be provided pursuant to the Scope of Services may be more costly or time consuming than CONTRACTOR anticipates and that CONTRACTOR shall not be entitled to additional compensation therefore.

7. SPECIAL REQUIREMENTS

Additional terms and conditions of this Agreement, if any, are made a part hereof and set forth in the “Special Requirements” attached hereto as Exhibit B and incorporated herein by reference. In the event of a conflict between those special requirements and any other provisions of this Agreement, the special requirements shall govern.

8. TERM OF AGREEMENT

This Agreement shall be effective upon execution by both parties and will continue in effect until CITY'S acceptance of and payment for all services authorized by CITY and performed by CONTRACTOR, unless terminated earlier in accordance with the provisions of the termination clause in this Agreement.

9. COMMENCEMENT OF WORK

CONTRACTOR shall not undertake any work or incur any costs whatsoever under the terms of this Agreement except upon the prior receipt of a fully executed Purchase Order from the Ceres Department of Finance. Any costs incurred by CONTRACTOR prior to receipt of a purchase order shall be at CONTRACTOR'S expense.

10. COMPENSATION

For the contract services rendered pursuant to this Agreement, the CONTRACTOR shall be compensated in accordance with the “Schedule of Compensation” attached hereto as Exhibit “C” and incorporated herein by this reference. The services shall be performed for a sum not to exceed \$45,358.54. Payment shall be made by the CITY as provided in Exhibit “C”.

11. TIME OF ESSENCE

Time is of the essence in the performance of this Agreement.

12. SCHEDULE OF PERFORMANCE

CONTRACTOR shall perform all services within the time period(s) established in the “Schedule of Performance” attached hereto as Exhibit “D,” if any, and incorporated herein by this reference. In addition to extensions granted under paragraph 13, when requested by the

CONTRACTOR, other extensions to the time period(s) specified in the Schedule of Performance may be approved in writing by the Contract Officer, if the extension is determined, in the sole discretion of the Contract Officer, to be justified and reasonable. The Contract Officer's decision shall be final.

13. FORCE MAJEURE

The time period(s) specified in the Schedule of Performance for performance of the work rendered pursuant to this Agreement shall be extended because of any delays due to unforeseeable causes beyond the control of CONTRACTOR and without the fault or negligence of CONTRACTOR, including but not limited to severe weather, fires, earthquakes, floods, epidemics, quarantine restrictions, riots, strikes, freight embargoes, wars, litigation, and/or acts of any governmental agency, including the CITY, if the CONTRACTOR shall within ten (10) days of the commencement of such delay notify the Contract Officer in writing of the causes of the delay. The Contract Officer shall ascertain the facts and the extent of delay, and extend the time for performing the services for the period of the enforced delay when and if in the judgment of the Contract Officer such delay is justified. The Contract Officer's determination shall be final and conclusive upon the parties to this Agreement. In no event shall CONTRACTOR be entitled to recover damages against the CITY for any delay in the performance of this Agreement, however caused, CONTRACTOR'S sole remedy being extension of the Agreement pursuant to this Section.

14. OBLIGATIONS OF CONTRACTOR

Throughout the term of this Agreement, CONTRACTOR shall possess, or secure all licenses, permits, qualifications and approvals legally required to conduct business. CONTRACTOR warrants that he has all of the necessary professional construction capabilities and experience, as well as all tools, instrumentalities, facilities and other resources necessary to provide CITY with the construction services contemplated by this Agreement. CONTRACTOR further warrants that he will reasonably follow the current, generally accepted and professional construction practices and provide professional construction advice and recommendations regarding the performance of all work under this Agreement.

15. PERFORMANCE BY KEY EMPLOYEE

CONTRACTOR has represented to CITY that Milton Triewailer will be the person(s) primarily responsible for the supervision of the services referred to in this Agreement.

CITY has entered into this Agreement in reliance on that representation by CONTRACTOR. CONTRACTOR therefore agrees that Milton Trieweiler shall be responsible during the term of this Agreement for directing all activities of CONTRACTOR and shall devote sufficient time to personally supervise the work hereunder. The said Milton Trieweiler shall not be replaced without the consent of the CITY, which consent will not be unreasonably withheld.

16. CONTRACT OFFICER

The Contract Officer for the CITY for the services performed under this Agreement shall be Phil Scott, or such person as may be designated by the Executive Director of the CITY. It shall be the CONTRACTOR'S responsibility to assure that the Contract Officer is kept informed of the progress of the performance of the construction services and the CONTRACTOR shall refer any decisions, which must be made by CITY to the Contract Officer. Unless otherwise specified herein, any approval of CITY required hereunder shall mean the approval of the Contract Officer. The Contract Officer shall have authority to sign all documents on behalf of the CITY required hereunder to carry out the terms of this Agreement.

17. SUBCONTRACTING

CONTRACTOR shall not subcontract any of the work hereunder without the written consent of the CITY. Should the CONTRACTOR elect to engage any subcontractor(s) to perform any portion of the work, CONTRACTOR shall provide the CITY written notice of the name, address, telephone number, and State contractor's license number of each such subcontractor, together with proof of workers' compensation coverage for each such contractor. CONTRACTOR shall remain fully responsible for all acts or omissions of said subcontractors, their employees, agents or assigns.

18. INTEREST OF CONTRACTOR

CONTRACTOR warrants that he/it presently has no interest and shall not acquire any interest, direct or indirect, which would conflict in any manner or degree with the performance of services required to be performed under this Agreement. CONTRACTOR warrants that, in performance of this Agreement, CONTRACTOR shall not employ any person having any such interest. CONTRACTOR agrees to file a Statement of Economic Interests with the City Clerk at the start and end of this contract if so required at the option of CITY.

19. RECORDS

CONTRACTOR shall keep, and require subcontractors to keep, such books and records as shall be necessary to document the work required by this Agreement and enable the Contract Officer to evaluate the performance of such work. The Contract Officer shall have full and free access to such books and records at all times during normal business hours of CITY, including the right to inspect, copy, audit, and make records and transcripts from such records. Such records shall be maintained for a period of three (3) years following completion of the services hereunder, and the CITY shall have access to such records in the event any audit is required.

20. AMENDMENTS

Both parties to this Agreement understand that it may become desirable or necessary during the performance of this Agreement, for CITY or CONTRACTOR to modify the scope of work provided for under this Agreement. Any material extension or change in the scope of work shall be discussed with CITY and the change and cost shall be memorialized in a written amendment to the original contract prior to the performance of the additional work.

Until a change order is so executed, CITY will not be responsible to pay any charges CONTRACTOR may incur in performing such additional services, and CONTRACTOR shall not be required to perform any such additional services.

21. INDEPENDENT CONTRACTOR

All acts of CONTRACTOR, his agents, officers, and employees and all others acting on behalf of CONTRACTOR relating to the performance of this Agreement, shall be performed as independent contractors and not as agents, officers, or employees of CITY. CONTRACTOR, by virtue of this Agreement, has no authority to bind or incur any obligation on behalf of CITY. CONTRACTOR has no authority or responsibility to exercise any rights or power vested in CITY. No agent, officer, or employee of CITY is to be considered an employee of CONTRACTOR. It is understood by both CONTRACTOR and CITY that this Agreement shall not under any circumstances be construed or considered to create an employer-employee relationship or a joint venture.

CONTRACTOR, his agents, officers and employees are and, at all times during the term of this Agreement, shall represent and conduct themselves as independent contractors and not as employees of CITY.

CONTRACTOR shall determine the method, details and means of performing the work and services to be provided by CONTRACTOR under this Agreement. CONTRACTOR shall be responsible to CITY only for the requirements and results specified in this Agreement and, except as expressly provided in this Agreement, shall not be subjected to CITY'S control with respect to the physical action or activities of the CONTRACTOR in fulfillment of this Agreement. CONTRACTOR has control over the manner and means of performing the services under this Agreement. CONTRACTOR is permitted to provide services to others during the same period service is provided to CITY under this Agreement. If necessary, CONTRACTOR has the responsibility for employing other persons or firms to assist CONTRACTOR in fulfilling the terms and obligations under this Agreement.

If in the performance of this Agreement any third persons are employed by CONTRACTOR, such persons shall be entirely and exclusively under the direction, supervision, and control of CONTRACTOR. All terms of employment including hours, wages, working conditions, discipline, hiring, and discharging or any other term of employment or requirement of law shall be determined by the CONTRACTOR.

It is understood and agreed that as an independent contractor and not an employee of CITY neither the CONTRACTOR nor CONTRACTOR'S assigned personnel shall have any entitlement as a CITY employee, right to act on behalf of CITY in any capacity whatsoever as an agent, or to bind CITY to any obligation whatsoever.

As an independent contractor, CONTRACTOR hereby indemnifies and holds CITY harmless from any and all claims that may be made against CITY based upon any contention by any third party that an employer-employee relationship exists by reason of this Agreement.

22. NOTICES

Any and all notices permitted or required to be given hereunder shall be deemed duly given and effective (1) upon actual delivery, if delivery is by hand; or (2) five (5) days after delivery into the United States mail if delivery is by postage paid registered or certified (return receipt requested) mail. Each such notice shall be sent to the parties at the address respectively indicated below or to any other address as the respective parties may designate from time to time in writing.

FOR CONTRACTOR: Name: Central Valley Electronics
Address: P.O. Box 2020
1097 W. Main Street
Turlock, CA 95380
Attention: Milton Trieweiler
Phone: 800-464-1245

FOR CITY: Name: City of Ceres
Address: 2720 Second St.
Ceres, CA 95307
Attention: Phil Scott, Director of Public Works
Phone: (209) 538-5732

23. INSURANCE REQUIREMENTS

Insurance shall be provided as specified in Exhibit “E”.

24. TERMINATION OF AGREEMENT

Termination on Occurrence of Stated Events

This Agreement shall terminate automatically on the date on which any of the following events occur: (1) bankruptcy or insolvency of CONTRACTOR, (2) legal dissolution of CONTRACTOR, or (3) death of key principal(s) of CONTRACTOR.

Termination by CITY for Default of CONTRACTOR

Should CONTRACTOR default in the performance of this Agreement or materially breach any of his provisions, at its option CITY may terminate this Agreement by giving written notification to CONTRACTOR. The termination date shall be the effective date of the notice. For the purposes of this section, material breach of this Agreement shall include but not be limited to any of the following: failure to perform required services or duties, willful destruction of CITY'S property by CONTRACTOR, dishonesty or theft.

Termination by CONTRACTOR for Default of CITY

Should CITY default in the performance of this Agreement or materially breach any of its provisions, at his/its option CONTRACTOR may terminate this Agreement by giving written notice to CITY. The termination date shall be the effective date of the notice. For the purposes of this section, material breach of this Agreement shall include but not be limited to any of the following: failure to pay CONTRACTOR as hereafter provided, willful destruction of CONTRACTOR'S property by CITY, dishonesty or theft.

Termination by CITY for Lack of Budgeted Funds

CITY may terminate this Agreement effective July 1 of any given year upon CITY'S determination to not appropriate sufficient funds for this Agreement for the ensuing fiscal year. In such event, CITY shall give CONTRACTOR not less than 30 days written notice.

Termination for Failure to Make Agreed-Upon Payments

Should CITY fail to pay CONTRACTOR all or any part of the payments set forth in this Agreement on the date due, at his option CONTRACTOR may terminate this Agreement if the failure is not remedied within thirty (30) days after CONTRACTOR notifies CITY in writing of such failure to pay. The termination date shall be the effective date of the notice.

Termination by CITY for Change of CONTRACTOR'S Tax Status

If CITY determines that CONTRACTOR does not meet the requirements of federal and state tax laws for independent contractor status, CITY may terminate this Agreement by giving written notice to CONTRACTOR. The termination date shall be the effective date of the notice.

Voluntary Termination

The parties may terminate this contract upon mutual written Agreement.

In the Event of Termination

If this Agreement is terminated pursuant to this Paragraph, CONTRACTOR shall cease all his work on the project as of the termination date and shall see to it that his employees, subcontractors and agents are notified of such termination and cease their work. If CITY so requests, and at CITY'S cost, CONTRACTOR shall provide sufficient oral or written status reports to make CITY reasonably aware of the status of CONTRACTOR'S work on the project.

If the Agreement is terminated pursuant to any of the subsections contained in this paragraph, CITY will pay CONTRACTOR an amount based on the percentage of work completed on the termination date, this percentage shall be determined by CITY in its sole discretion. If the Agreement is terminated pursuant to the subparagraph entitled Termination by CITY for Default of CONTRACTOR, CONTRACTOR understands and agrees that CITY may, in CITY'S sole discretion, refuse to pay CONTRACTOR for that portion of CONTRACTOR'S services which were performed by CONTRACTOR on the project prior to the termination date and which remain unacceptable and/or not useful to CITY as of the termination date.

25. INDEMNITY

CONTRACTOR shall indemnify and hold harmless CITY and its officers, officials and employees from and against all claims, damages, losses and expenses including reasonable attorney fees arising out of the performance of the work described herein, caused in whole or in part by any negligent act or omission of the CONTRACTOR, any subcontractor, anyone directly or indirectly employed by any of them or anyone for whose acts any of them may be liable, except where caused by the active negligence, sole negligence, or willful misconduct of the CITY.

CONTRACTOR'S obligation to defend, indemnify, and hold CITY, its agents, officers, and employees harmless under the provisions of this paragraph is not limited to or restricted by any requirement in this Agreement for CONTRACTOR to procure and maintain a policy of insurance.

26. RETENTION OF FUNDS

CONTRACTOR hereby authorizes CITY to deduct from any amount payable to CONTRACTOR (whether or not arising out of this Agreement): (i) any amounts the payment of which may be in dispute hereunder or which are necessary to compensate CITY for any losses, costs, liabilities, or damages suffered by CITY; and, (ii) all amounts for which CITY may be liable to third parties, by reason of CONTRACTOR'S acts or omissions in performing or failing to perform CONTRACTOR'S obligation under this Agreement. In the event that any claim is made by a third party, the amount or validity of which is disputed by CONTRACTOR, or any indebtedness shall exist which shall appear to be the basis for a claim of lien, CITY may withhold from any payment due, without liability for interest because of such withholding, an amount sufficient to cover such claim. The failure of CITY to exercise such right to deduct or to withhold shall not, however, affect the obligations of the CONTRACTOR to insure, indemnify, and protect CITY as elsewhere provided herein.

27. LIQUIDATED DAMAGES

Since the determination of actual damages for any delay in performance of this Agreement would be extremely difficult or impractical to determine, in the event of such a breach of this Agreement, the CONTRACTOR and its sureties shall be liable for and shall pay to the CITY the sum of TWO HUNDRED dollars and NO cents (\$200.00) as liquidated damages for each working day of delay not performed within the time provided in the Schedule of

Performance (Exhibit "D"). The CITY may withhold from any monies payable on account of services performed by the CONTRACTOR any accrued liquidated damages.

28. ENTIRE AGREEMENT

This Agreement and its exhibits contain the entire understanding between CONTRACTOR and CITY. Additional or new terms contained in this Agreement which vary from CONTRACTOR'S proposal are controlling and are deemed accepted by CONTRACTOR by shipment of any article or other commencement of performance hereunder. All previous proposals, offers and communications relative to this Agreement, whether oral or written, are hereby superseded except to the extent that they have been incorporated into this Agreement. No future waiver of or exception to any of the terms, conditions, and provisions of this Agreement shall be considered valid unless specifically agreed to in writing by all the parties.

29. PARTIAL INVALIDITY

If any provision in this Agreement is held by a court of competent jurisdiction to be invalid, void, or unenforceable, the remaining provisions shall nevertheless continue in full force without being impaired or invalidated in any way.

30. WAIVER

The waiver by any party to this Agreement of a breach of any provision hereof shall be in writing and shall not operate or be construed as a waiver of any other or subsequent breach hereof unless specifically stated in writing.

31. AUDIT

CITY'S duly authorized representative shall have access at all reasonable times to all reports, contract records, contract documents, contract files, and personnel necessary to audit and verify CONTRACTOR'S charges to CITY under this Agreement.

CONTRACTOR agrees to retain reports, records, documents, and files related to charges under this Agreement for a period of four (4) years following the date of final payment for CONTRACTOR services. CITY'S representative shall have the right to reproduce any of the aforesaid documents.

32. PAYMENT OF PREVAILING WAGES

CONTRACTOR shall pay to all persons performing work under this Agreement the general prevailing rate of per diem wages as determined by the Department of Industrial Relations of the State of California.

33. NONDISCRIMINATION

During the performance of this Contract, CONTRACTOR and its subcontractors shall not unlawfully discriminate against any employee or applicant for employment because of race, religion, color, national origin, ancestry, physical handicap, medical condition, marital status, age (over 40) or sex. CONTRACTOR and subcontractors shall ensure that the evaluation and treatment of their employees and applicants for employment are free of such discrimination. CONTRACTOR and subcontractors shall comply with the provisions of the Fair Employment and Housing Act (Gov. Code, Section 12990 et seq.) and the applicable regulations promulgated hereunder (California Code of Regulations, Title 2, Section 7285.0 et seq.). The applicable regulations of the Fair Employment and Housing Commission implementing Government Code, Section 12990, set forth in Chapter 5 of Division 4 of Title 2 of the California Code of Regulations are incorporated into this Contract by reference and made a part hereof as if set forth in full. CONTRACTOR and its subcontractors shall give written notice of their obligations under this clause to labor organizations with which they have a collective bargaining or other agreement.

This CONTRACTOR shall include the nondiscrimination and compliance provisions of this clause in all subcontracts to perform work under the Contract.

34. GOVERNING LAW

This Agreement shall be construed and interpreted both as to validity and to performance of the parties in accordance with the laws of the State of California. Legal actions concerning any dispute, claim, or matter arising out of or in relation to this Agreement shall be instituted in the Superior Court of the County of Stanislaus, State of California, or any other appropriate court in such county, and CONTRACTOR covenants and agrees to submit to the personal jurisdiction of such court in the event of such action.

35. HEADINGS NOT CONTROLLING

Headings used in the Agreement are for reference purposes only and shall not be considered in construing this Agreement.

36. CITY BUSINESS LICENSE

CONTRACTOR will have a City of Ceres business license, as required.

37. ATTORNEYS' FEES

If either party to this Agreement is required to initiate or defend or is made

a party to any action or proceeding in any way connected with this Agreement, the prevailing party in such action or proceeding, in addition to any other relief which may be granted, whether legal or equitable, shall be entitled to reasonable attorneys' fees. Attorneys' fees shall include attorneys' fees on any appeal, and in addition a party entitled to attorneys' fees shall be entitled to all other reasonable costs for investigating such action, taking depositions and discovery, and all other necessary costs the court allows which are incurred in such litigation. All such fees shall be deemed to have accrued on commencement of such action and shall be enforceable if such action is prosecuted to judgment.

IN WITNESS WHEREOF, the parties have executed this Agreement on the dates indicated below.

Dated _____, 200__

Dated _____, 200__

CERES REDEVELOPMENT AGENCY

CONTRACTOR

By _____
Signature

By _____
Signature

Typed Name and Title

Typed Name and Title

APPROVED AS TO FORM

CONTRACTOR'S Federal ID#:

CITY ATTORNEY

EXHIBIT A
Scope of Work

Central Valley Electronics has submitted specifications and estimates for four tasks in the new City of Ceres Community Center. (See attached proposal for equipment and material specifications, incorporated herein by this reference).

Task 1 – Sound and Music system for the City of Ceres Recreational Fitness Room (206)

To provide and install the sound equipment and materials as specified and setup and adjust them to manufacturer’s specifications. This sound system will consist of all high quality professional and commercial equipment and materials and will meet all fire and earthquake standards.

- Install six Electro-Voice EVID C8.2 ceiling speakers
- Install one Bogen GS250 power amplifier to provide the necessary power to full-range speakers and one Bogen GSRPK rackmount kit for the amplifier.
- Install one Shure PGX14/PG30 wireless headworn microphone to be used with the sound system by the instructor.
- Install one Denon DN-V210 DVD/CD/MP3 player to be used with the sound system for music.
- Install one Samson PS15 power strip to provide the necessary power to sound system.
- Install one Lowell L267-61 equipment floor cabinet with a Lowell MB227 mobile platform for mobility.
- Install one Lowell L18-197L 4 rack unit heavy-duty, locking storage drawer for cabinet.
- Install one Lowell L21-1910 6 rack unit DVD/CD media holder for the above cabinet.

Sub Total	\$4,086.87
Sales Tax	\$321.84
Labor*	\$3,475.00
Shipping	\$450.50
Total	\$8,334.21

* Consultation, Computer Design, Installation and Adjustment

Task 2 – Professional high-level full-range sound system for the Large Assembly Room (108).

To provide and install the sound equipment and materials as specified and setup and adjust them to manufacturer’s specifications. This sound system will consist of all high quality professional and commercial equipment and materials and will meet all fire and earthquake standards

- Install nine (9) Electro-Voice EVID C8.2 ceiling speakers to provide high level high-fidelity sound in the Large Assembly Room (108).
- Install one QSC ISA300Ti power amplifier to provide the necessary power to the full-range speakers.
- Install one Shure SCM800 eight-channel mixer to provide the necessary inputs for the sound system.
- Install one Shure DFR22 two-in/two-out digital signal processor. Using a spectrum analyzer and laptop computer to adjust this digital signal processor to provide the best sound in the Large Assembly Room (108). Set up with 3 presets.
- Install two Shure PGX24/PG58 wireless handheld microphone systems to be used with the sound system.
- Provide two Shure PG58 wired microphones to be used with the wall jack; two Atlas Sound MS-12CE microphone stands to be used with the sound system with two Atlas Sound GN-13E goosenecks, and mic holders.
- Provide two Atlas Sound MS-12CE microphone stands to be used with the above microphones.
- Provide two Atlas Sound GN-13E goosenecks to be used with the above microphone stands.
- Install one Denon DN-V210 DVD/CD/MP3 player to be used with the sound system.
- Install one Samson PS15 power strip to provide the necessary power to the sound system.
- Install one Lowell L253-42LD sectional wall cabinet to contain the sound system equipment. The cabinet will come with a Lowell L2150-42PF perforated front door to provide adequate air flow for the sound system equipment.
- Install one Lowell L18-197L 4 rack unit heavy-duty, locking storage drawer for the above cabinet.
- Install one Lowell L22-197 CD media holder for the above cabinet.

Sub Total	\$6,374.27
Sales Tax	\$ 501.97
Labor	\$4,800.00
Shipping	\$ 485.50
Total =	\$12,161.74

Task 3 – Remove the existing Council Chambers sound system equipment and reinstalling it in the new Council Chambers in the Small Assembly Room (126).

To provide and install the sound equipment and materials as specified and setup and adjust them to manufacturer’s specifications. This sound system will consist of all high quality professional and commercial equipment and materials and will meet all fire and earthquake standards.

- Install eighteen Electro-Voice EVID C8.2 full-range high-fidelity ceiling speakers in the Assembly Room to provide the necessary sound.
- Install four Atlas Sound SD72W ceiling speakers to be used in the Council Dais area
- Install two Shure Microflex MX418S/S mini gooseneck microphones to be used on the staff tables.
- Install one Lowell L267-61 floor equipment cabinet to contain the sound system equipment. The Consultant will install a Lowell MB227 mobile platform to the bottom of the cabinet for mobility reasons.
- Install twelve (12) Conquest Switchcraft CP1-DF stainless steel microphone jack plates to be used with the sound system.

Note: The labor and equipment price is for the equipment and materials as specified above; if there are any changes or additions they will be done at an additional cost for time and materials. The City is responsible for providing all AC outlets necessary to Power the sound equipment. We will remove the existing Council Chambers sound system equipment and reinstall it in the new Council Chambers in the Community Center’s Small Assembly Room and Council Dais areas. We will reuse all of the existing Council Chambers sound system equipment in the new Council Chambers including the two Shure SCM810 automixers, the Shure DFR22 digital signal processor, one QSC CX302V power amplifier, eleven Shure MX418S/S mounted microphones, the wireless microphone systems, and other equipment as needed. If any existing equipment that will be reused is found to be defective, it will be replaced at an additional cost for time and materials. The general contractor is to provide 1 inch conduit from the council dais (126) back to the audio room (128). The general contractor is to provide conduit from the sound system rack to accessible space for speaker wiring in Rm. 126.

Sub Total	\$4,588.47
Sales Tax	\$ 361.34
Labor	\$10,800.00
<u>Shipping</u>	<u>\$ 567.00</u>
Total =	\$16,316.81

Task 4 – Install the speakers with volume controls for the paging system in the Community Center.

To provide and install the sound equipment and materials as specified and setup and adjust them to manufacturer’s specifications. This sound system will consist of all high quality professional and commercial equipment and materials and will meet all fire and earthquake standards.

- Install Fifty Bogen S810T725PG8WVR 8-inch ceiling speakers in rooms in the locations shown on the Community Center prints. Install the speakers in the backboxes which are to be installed by the general contractor. The general contractor is to pre-wire from all the volume control boxes to the MCTB in the computer server room (125). The general contractor is to pre-wire from each volume control box to all speakers in that zone as shown on the prints.
- Install nineteen Lowell 100-LVC-PA volume controls to adjust the volume levels for each zone of speakers individually. Each volume control box is to be pre-wired by the general contractor back to MCTB in the computer server room (125). Also, each volume control box is to be pre-wired by the general contractor to all speakers in that zone as shown in the prints. The technology and phone company is to provide all the front end paging equipment and amplifiers needed to power the ceiling speakers.

Sub Total	\$3,184.96
Sales Tax	\$ 250.82
Labor	\$4,750.00
<u>Shipping</u>	<u>\$ 360.00</u>
Total =	\$8,545.78

EXHIBIT B
Special Requirements

- Each volume control box is to be pre-wired by the general contractor back to MCTB in the computer server room (125). Also, each volume control box is to be pre-wired by the general contractor to all speakers in that zone as shown in the prints. The technology and phone company is to provide all the front end paging equipment and amplifiers needed to power the ceiling speakers.
- Install the speakers in the backboxes which are to be installed by the general contractor. The general contractor is to pre-wire from all the volume control boxes to the MCTB in the computer server room (125). The general contractor is to pre-wire from each volume control box to all speakers in that zone as shown on the prints.
- If any existing equipment that will be reused is found to be defective, it will be replaced at an additional cost for time and materials. The general contractor is to provide 1 inch conduit from the council dais (126) back to the audio room (128). The general contractor is to provide conduit from the sound system rack to accessible space for speaker wiring in Rm. 126.
- Note: The labor and equipment price is for the equipment and materials as specified above. If there are any changes or additions, they will be done at an additional cost for time and materials. The City is responsible for providing all AC outlets necessary to Power the sound equipment. We will remove the existing Council Chambers sound system equipment and reinstall it in the new Council Chambers in the Community Center's Small Assembly Room and Council Dais areas. We will reuse all of the existing Council Chambers sound system equipment in the new Council Chambers including the two Shure SCM810 automixers, the Shure DFR22 digital signal processor, one QSC CX302V power amplifier, eleven Shure MX418S/S mounted microphones, the wireless microphone systems, and other equipment as needed. If any existing equipment that will be reused is found to be defective, it will be replaced at an additional cost for time and materials. The general contractor is to provide 1 inch conduit from the council dais (126) back to the audio room (128). The general contractor is to provide conduit from the sound system rack to accessible space for speaker wiring in Rm. 126.

EXHIBIT C
Schedule of Compensation

The total compensation paid to CONTRACTOR is as follows:

Task 1	\$8,334.21
Task 2	\$12,161.74
Task 3	\$16,316.81
Task 4	\$8,545.78

Total = \$45,358.54

The CITY will make the following progress payments to CONTRACTOR to cover the cost of equipment purchased by CONTRACTOR for each task of the project. The progress payments listed below will be paid to CONTRACTOR within thirty (30) days of verification by the CITY that CONTRACTOR has received the equipment.

<u>Task #</u>	<u>PROGRESS PAYMENT</u>
1	\$4,000.00
2	\$6,000.00
3	\$4,500.00
4	\$3,000.00

All equipment received by CONTRACTOR shall be properly stored and insured against loss by theft, fire or other casualty loss.

The balance of the contract price shall be paid to CONTRACTOR within thirty (30) days of satisfactory completion all work required by this contract.

EXHIBIT D
Schedule of Performance

All wiring and other preparatory work for the installation of the sound systems identified in the "Scope of Work" shall be completed within thirty (30) days of execution of this contract by the parties. The balance of the work identified in the "Scope of Work" cannot be commenced until the general contractor has made the site installation locations ready for the services of Contractor. Therefore, Contractor shall complete the balance of the work within thirty (30) days of receipt of written notice from the City to proceed.

EXHIBIT E

**INSURANCE REQUIREMENTS FOR CONTRACTORS
(Without Construction Risks)**

CONTRACTOR shall procure and maintain for the duration of the contract insurance against claims for injuries to persons or damages to property which may arise from or in connection with the performance of the work hereunder and the results of that work by the CONTRACTOR, his agents, representatives, employees or subcontractors.

Minimum Scope of insurance

Coverage shall be at least as broad as:

1. Insurance Services Office (ISO) Commercial General Liability coverage (occurrence For CG 00 01).
2. Insurance Services Office (ISO) Form Number CA 00 01 covering Automobile Liability, Code 1 (any auto).
3. Workers' Compensation insurance as required by the State of California and Employer's Liability Insurance.

Minimum Limits of Insurance

CONTRACTOR shall maintain limits no less than:

1. General Liability (Including operations, products and completed
\$1,000,000 per occurrence for bodily injury, personal injury and property damage. If Commercial General Liability insurance or other form with a general aggregate limit is used, either the general aggregate limit shall apply separately to this project/location or the general aggregate limit shall be twice the required occurrence limit.
2. Automobile Liability:
\$1,000,000 per accident for bodily injury and property damage.
3. Employer's Liability:
\$1,000,000 per accident for bodily injury or disease.
4. Workers' Compensation: as required by the State of California

If the CONTRACTOR maintains higher limits than the minimums shown above, the entity shall be entitled to coverage at the higher limits maintained by the contractors.

Deductibles and Self-Insured Retentions

Any deductibles or self-insured retentions must be declared to and approved by the entity. At the option of the entity, either (a) the insurer shall reduce or eliminate such deductibles or self-insured retentions as respects the entity, its officers, officials, employees and volunteers or (b) the contractor shall provide a financial guarantee satisfactory to the entity guaranteeing payment of losses and related investigations, claim administration, and defense expenses.

Other Insurance Provisions

The general liability policy is to be contained, or be endorsed to contain, the following provisions:

1. The entity, its officers, officials, employees, and volunteers are to be covered as insureds with respect to liability arising out of automobiles owned, leased, hired or borrowed by or on behalf of the contractor; and with respect to liability arising out of work or operations performed by or on behalf of the Contractor including materials, parts or equipment furnished in connection with such work or operations. General liability coverage can be provided with two endorsement forms: 1) in the form of an additional insured endorsement to the Contractor's insurance, or as a separate owner's policy (CG 20 10 11 85 or its equivalent language) and 2) a CG 20 27 37 10 01 endorsement form or its equivalent language. A later edition of the CG 20 10 form along with the CG 20 37 coverage form will give some protection to the entity for specific locations.
2. For any claims related to this project, the CONTRACTOR'S insurance coverage shall be primary insurance as respects the entity, its officers, officials, employees and volunteers. Any insurance or self-insurance maintained by the entity, its officers, officials, employees, or volunteers shall be excess of the CONTRACTOR'S insurance and shall not contribute with it.
3. Each insurance policy required by this clause shall be endorsed to state that coverage shall not be canceled by either party, except after thirty (30) days prior written notice by mail has been given to the entity.
4. Coverage shall not extend to any indemnity coverage for the active negligence of the additional insured in any case where an agreement to indemnify the additional insured would be invalid under Subdivision (b) of Section 2782 of the Civil Code.

Waiver of Subrogation

Contractor hereby agrees to waive subrogation which any insurer of CONTRACTOR may acquire from CONTRACTOR by virtue of the payment of any loss. Contractor agrees to obtain any endorsement that may be necessary to effect this waiver of subrogation.

The workers' compensation policy shall be endorsed to contain a waiver of subrogation in favor of the entity for all work performed by the CONTRACTOR, its agents, employees, independent contractors and subcontractors.

Acceptability of Insurers

Insurance is to be placed with insurers with a current A.M. Best's rating of no less than A:VII., unless otherwise acceptable to the entity.

Verification of Coverage

CONTRACTOR shall furnish the Entity with original certificates and endorsements, including amendatory endorsements, effecting coverage required by this clause. The endorsements should be on forms provided by the entity or on other than the entity's forms, provided those endorsements or policies conform to the requirements. All certificates and endorsements are to be received and approved by the entity before work commences; however, failure to do so shall not operate as a waiver of these insurance requirements. The entity reserves the right to require complete, certified copies of all required insurance policies, including endorsements affecting the coverage required by these specifications at any time.

Subcontractors

CONTRACTOR shall include all subcontractors as insures under its policies or shall furnish separate certificates and endorsements for each subcontractor. All coverages for subcontractors shall be subject to all requirements stated herein



LLOYD F. McKINNEY ASSOCIATES, INC.

DATE : November 12, 2008

QUOTE NUMBER : FC1108-15C

NAME : Mr. Farren Williams, IT Manager

COMPANY NAME : City of Ceres

PHONE : 209-538-5742

ADDRESS : 2727 Third Street

FAX : 209-538-5610

CITY : Ceres, CA 95307

E-MAIL : farren.williams@ci.ceres.ca.us

SECTION: Audio, Video

PROJECT : **McKinney to Document City Council Video System Performance, Then Dismantle, Move, Re-Install and Test the Camera and Computer Video System to Original Documented Performance.**

We submit our quotation for the following equipment and labor for the installation of the equipment, which we propose to furnish to you for the above project.

TERMS :

All Materials and labor delivered before the 25th will be due and payable by the 10th of the following month, unless otherwise stated. 1 1/2% per month will be added on all invoices not paid 30 days from the invoice date. In event it is necessary to bring legal action for the collection of this account, purchaser agrees to pay reasonable attorney's fees and necessary court costs.

WARRANTY :

We warrant all installation materials and labor furnished by us for a period of one year to be free from defects in workmanship or material. This warranty is limited to manufacturers warranty on devices and to timely correction by our free service of such defects that are discovered during the warranty period. It shall be the responsibility of the owner or his agent to notify us promptly of any such defects.

NOTES:

- A) All 120 VAC power, conduit, Standard Electrical boxes, Raceways, Rough in, Wall Penetrations, Fire Caulking, J hooks, to be provided by others to accommodate the system installation in the new Senior Center. All cable removal and installation provided by McKinney
- B) The removal and re-installation of equipment will involve three video cameras, a camera control system and equipment, two 50" plasma displays, and all mounts, cabling and connectors. Note: If connectors cannot be removed and re-installed or the cables have to be extended extra cost for new connectors and labor will be requested.
- C) The project also includes a public lectern with computer and overhead projector. They will be tested for proper operation for video and audio operation. The equipment and cables will be moved by McKinney. Transport of the plasmas is important and the city may want to assist with their "padded van" for critical moves of the plasma displays.

PRICE: \$ 3,271.81

THIS QUOTE IS GOOD FOR 30 DAYS

RESPECTFULLY SUBMITTED

B
BY Ron Lampe
Ron Lampe

ACCEPTED BY: _____

DATE : _____

LLOYD F. McKINNEY ASSOCIATES, INCORPORATED

Under Mechanics Lien Law-(California Civil Code Section 3082, et seq.) any contractor, subcontractor, laborer, supplier or other person who helps to improve your property, but is not paid for his work or supplies, has the right to enforce a claim against your property. This means that, after a court hearing, your property could be sold by a court officer and the proceeds of the sale used to satisfy the indebtedness. This can happen if you have paid your contractor in full, if the subcontractor, laborer, or supplier remains unpaid. Contractors are required by law to be licensed and regulated by the Contractor's State License Board. Any Questions concerning a contractor may be referred to the Registrar of the Board whose address is: Contractor's State License Board, 1021 "N" Street, Sacramento, California 95814.

LLOYD F. MCKINNEY ASSOC., INC. CONTRACTORS LICENSE NO. 248851

25350 CYPRESS AVE. * HAYWARD, CA 94544 * (510)783-8043 * FAX (510)783-2130 * www.mckinneyassoc.com

LLOYD F. MCKINNEY ASSOC., INC. CONTRACTORS LICENSE NO. 248851
_25350 CYPRESS AVE. * HAYWARD, CA 94544 * (510)783-8043 * FAX (510)783-2130 * www.mckinneyassoc.com

**AGREEMENT
FOR
CONTRACT SERVICES**

THIS AGREEMENT is made and entered into in the City of Ceres, State of California, this 9th day of February, 2009, by and between the CITY OF CERES REDEVELOPMENT AGENCY, a public entity hereinafter referred to as "CITY", and STANISLAUS AUDIO VIDEO hereinafter referred to as "CONTRACTOR".

NOW, THEREFORE, in consideration of this Agreement, and the mutual promises, covenants, and stipulations hereinafter contained, the parties agree as follows:

1. SCOPE OF SERVICES / PLANS AND SPECIFICATIONS

In compliance with all terms and conditions of this Agreement, the CONTRACTOR shall provide the construction services specified in the "Scope of Work" attached hereto as Exhibit "A" and incorporated herein by this reference, which services may be referred to herein as the "services" or "work" hereunder. As a material inducement to the CITY entering into this Agreement, CONTRACTOR represents that it is a provider of work and services consistent with the standards of care, diligence and skill ordinarily exercised by contractors in similar circumstances in accordance with sound construction practices and that CONTRACTOR is experienced in performing the work and services contemplated herein. CONTRACTOR covenants that it will follow sound construction practices and standards in performing the work and services required hereunder and that all work product will be of good quality, fit for the purpose intended.

2. COMPLIANCE WITH LAW

All services rendered hereunder shall be provided in accordance with all ordinances, resolutions, statutes, rules, and regulations of the CITY and any Federal, State, or local governmental agency having jurisdiction in effect at the time service is rendered.

3. LICENSES, PERMITS, FEES, & ASSESSMENTS

CONTRACTOR shall obtain at its sole cost and expense such licenses, permits, and approvals as may be required by law for the performance of the services required by this Agreement. CONTRACTOR shall have the sole obligation to pay for any fees, assessments and taxes, plus applicable penalties and interest, which may be imposed by law and arise from or are necessary for the CONTRACTOR'S performance of the services required by this Agreement,

and shall indemnify, defend and hold harmless CITY against any such fees, assessments, taxes, penalties, or interest levied, assessed, or imposed against CITY hereunder.

4. FAMILIARITY WITH WORK

By executing this Agreement, CONTRACTOR warrants that CONTRACTOR: (a) has thoroughly investigated and considered the scope of services to be performed; (b) has carefully considered how the services should be performed; and, (c) fully understands the facilities, difficulties, and restrictions attending performance of the services under this Agreement. If services involve work upon any site, CONTRACTOR warrants that CONTRACTOR has or will investigate the site and is or will be fully acquainted with the conditions there existing, prior to commencement of services hereunder. Should the CONTRACTOR discover any latent or unknown conditions which will materially affect the performance of the services hereunder, CONTRACTOR shall immediately inform the CITY of such fact and shall not proceed except at CONTRACTOR'S risk until written instructions are received from the Contract Officer.

5. FURTHER RESPONSIBILITIES OF PARTIES

Both parties agree to use reasonable care and diligence to perform their respective obligations under this Agreement. Both parties agree to act in good faith to execute all instruments, prepare all documents, and take all actions as may be reasonably necessary to carry out the purposes of this Agreement. Unless hereafter specified, neither party shall be responsible for the service of the other.

6. ADDITIONAL SERVICES

CITY shall have the right at any time during the performance of the services, without invalidating this Agreement, to order extra work or make changes by altering, adding to or deducting from said work. No such extra work may be undertaken unless a written order is first given by the Contract Officer to the CONTRACTOR, incorporating therein any adjustment in (i) the Contract Sum, and/or (ii) the time to perform this Agreement, which said adjustments are subject to the written approval of the CONTRACTOR. Any change in compensation of fifteen percent (15%) or less of the Contract Sum, or in the time to perform, may be approved by the Contract Officer. Any greater change, taken either separately or cumulatively must be approved by the Ceres Redevelopment Agency. It is expressly understood by CONTRACTOR that the provisions of this section shall not apply to services specifically set forth in the Scope of

Work or reasonably contemplated therein. CONTRACTOR hereby acknowledges that it accepts the risk that the services to be provided pursuant to the Scope of Services may be more costly or time consuming than CONTRACTOR anticipates and that CONTRACTOR shall not be entitled to additional compensation therefore.

7. SPECIAL REQUIREMENTS

Additional terms and conditions of this Agreement, if any, are made a part hereof and set forth in the "Special Requirements" attached hereto as Exhibit B and incorporated herein by reference. In the event of a conflict between those special requirements and any other provisions of this Agreement, the special requirements shall govern.

8. TERM OF AGREEMENT

This Agreement shall be effective upon execution by both parties and will continue in effect until CITY'S acceptance of and payment for all services authorized by CITY and performed by CONTRACTOR, unless terminated earlier in accordance with the provisions of the termination clause in this Agreement.

9. COMMENCEMENT OF WORK

CONTRACTOR shall not undertake any work or incur any costs whatsoever under the terms of this Agreement except upon the prior receipt of a fully executed Purchase Order from the Ceres Department of Finance. Any costs incurred by CONTRACTOR prior to receipt of a purchase order shall be at CONTRACTOR'S expense.

10. COMPENSATION

For the contract services rendered pursuant to this Agreement, the CONTRACTOR shall be compensated in accordance with the "Schedule of Compensation" attached hereto as Exhibit "C" and incorporated herein by this reference. The services shall be performed for a sum not to exceed \$19,892.80. A contingency of 15% (fifteen percent) will be carried for any additional work approve by the Contract Officer. Payment shall be made by the CITY as provided in Exhibit "C".

11. TIME OF ESSENCE

Time is of the essence in the performance of this Agreement.

12. SCHEDULE OF PERFORMANCE

CONTRACTOR shall perform all services within the time period(s) established in the "Schedule of Performance" attached hereto as Exhibit "D," if any, and incorporated herein by

this reference. In addition to extensions granted under paragraph 13, when requested by the CONTRACTOR, other extensions to the time period(s) specified in the Schedule of Performance may be approved in writing by the Contract Officer, if the extension is determined, in the sole discretion of the Contract Officer, to be justified and reasonable. The Contract Officer's decision shall be final.

13. FORCE MAJEURE

The time period(s) specified in the Schedule of Performance for performance of the work rendered pursuant to this Agreement shall be extended because of any delays due to unforeseeable causes beyond the control of CONTRACTOR and without the fault or negligence of CONTRACTOR, including but not limited to severe weather, fires, earthquakes, floods, epidemics, quarantine restrictions, riots, strikes, freight embargoes, wars, litigation, and/or acts of any governmental agency, including the CITY, if the CONTRACTOR shall within ten (10) days of the commencement of such delay notify the Contract Officer in writing of the causes of the delay. The Contract Officer shall ascertain the facts and the extent of delay, and extend the time for performing the services for the period of the enforced delay when and if in the judgment of the Contract Officer such delay is justified. The Contract Officer's determination shall be final and conclusive upon the parties to this Agreement. In no event shall CONTRACTOR be entitled to recover damages against the CITY for any delay in the performance of this Agreement, however caused, CONTRACTOR'S sole remedy being extension of the Agreement pursuant to this Section.

14. OBLIGATIONS OF CONTRACTOR

Throughout the term of this Agreement, CONTRACTOR shall possess, or secure all licenses, permits, qualifications and approvals legally required to conduct business. CONTRACTOR warrants that he has all of the necessary professional construction capabilities and experience, as well as all tools, instrumentalities, facilities and other resources necessary to provide CITY with the construction services contemplated by this Agreement. CONTRACTOR further warrants that he will reasonably follow the current, generally accepted and professional construction practices and provide professional construction advice and recommendations regarding the performance of all work under this Agreement.

15. PERFORMANCE BY KEY EMPLOYEE

CONTRACTOR has represented to CITY that Matthew Turner will be the person(s) primarily responsible for the supervision of the services referred to in this Agreement. CITY has entered into this Agreement in reliance on that representation by CONTRACTOR. CONTRACTOR therefore agrees that Matthew Turner shall be responsible during the term of this Agreement for directing all activities of CONTRACTOR and shall devote sufficient time to personally supervise the work hereunder. The said Matthew Turner shall not be replaced without the consent of the CITY, which consent will not be unreasonably withheld.

16. CONTRACT OFFICER

The Contract Officer for the CITY for the services performed under this Agreement shall be Phil Scott, or such person as may be designated by the Executive Director of the CITY. It shall be the CONTRACTOR'S responsibility to assure that the Contract Officer is kept informed of the progress of the performance of the construction services and the CONTRACTOR shall refer any decisions, which must be made by CITY to the Contract Officer. Unless otherwise specified herein, any approval of CITY required hereunder shall mean the approval of the Contract Officer. The Contract Officer shall have authority to sign all documents on behalf of the CITY required hereunder to carry out the terms of this Agreement.

17. SUBCONTRACTING

CONTRACTOR shall not subcontract any of the work hereunder without the written consent of the CITY. Should the CONTRACTOR elect to engage any subcontractor(s) to perform any portion of the work, CONTRACTOR shall provide the CITY written notice of the name, address, telephone number, and State contractor's license number of each such subcontractor, together with proof of workers' compensation coverage for each such contractor. CONTRACTOR shall remain fully responsible for all acts or omissions of said subcontractors, their employees, agents or assigns.

18. INTEREST OF CONTRACTOR

CONTRACTOR warrants that he/it presently has no interest and shall not acquire any interest, direct or indirect, which would conflict in any manner or degree with the performance of services required to be performed under this Agreement. CONTRACTOR warrants that, in performance of this Agreement, CONTRACTOR shall not employ any person having any such interest. CONTRACTOR agrees to file a Statement of Economic Interests with the City Clerk at the start and end of this contract if so required at the option of CITY.

19. RECORDS

CONTRACTOR shall keep, and require subcontractors to keep, such books and records as shall be necessary to document the work required by this Agreement and enable the Contract Officer to evaluate the performance of such work. The Contract Officer shall have full and free access to such books and records at all times during normal business hours of CITY, including the right to inspect, copy, audit, and make records and transcripts from such records. Such records shall be maintained for a period of three (3) years following completion of the services hereunder, and the CITY shall have access to such records in the event any audit is required.

20. AMENDMENTS

Both parties to this Agreement understand that it may become desirable or necessary during the performance of this Agreement, for CITY or CONTRACTOR to modify the scope of work provided for under this Agreement. Any material extension or change in the scope of work shall be discussed with CITY and the change and cost shall be memorialized in a written amendment to the original contract prior to the performance of the additional work.

Until a change order is so executed, CITY will not be responsible to pay any charges CONTRACTOR may incur in performing such additional services, and CONTRACTOR shall not be required to perform any such additional services.

21. INDEPENDENT CONTRACTOR

All acts of CONTRACTOR, his agents, officers, and employees and all others acting on behalf of CONTRACTOR relating to the performance of this Agreement, shall be performed as independent contractors and not as agents, officers, or employees of CITY. CONTRACTOR, by virtue of this Agreement, has no authority to bind or incur any obligation on behalf of CITY. CONTRACTOR has no authority or responsibility to exercise any rights or power vested in CITY. No agent, officer, or employee of CITY is to be considered an employee of CONTRACTOR. It is understood by both CONTRACTOR and CITY that this Agreement shall not under any circumstances be construed or considered to create an employer-employee relationship or a joint venture.

CONTRACTOR, his agents, officers and employees are and, at all times during the term of this Agreement, shall represent and conduct themselves as independent contractors and not as employees of CITY.

CONTRACTOR shall determine the method, details and means of performing the work and services to be provided by CONTRACTOR under this Agreement. CONTRACTOR shall be responsible to CITY only for the requirements and results specified in this Agreement and, except as expressly provided in this Agreement, shall not be subjected to CITY'S control with respect to the physical action or activities of the CONTRACTOR in fulfillment of this Agreement. CONTRACTOR has control over the manner and means of performing the services under this Agreement. CONTRACTOR is permitted to provide services to others during the same period service is provided to CITY under this Agreement. If necessary, CONTRACTOR has the responsibility for employing other persons or firms to assist CONTRACTOR in fulfilling the terms and obligations under this Agreement.

If in the performance of this Agreement any third persons are employed by CONTRACTOR, such persons shall be entirely and exclusively under the direction, supervision, and control of CONTRACTOR. All terms of employment including hours, wages, working conditions, discipline, hiring, and discharging or any other term of employment or requirement of law shall be determined by the CONTRACTOR.

It is understood and agreed that as an independent contractor and not an employee of CITY neither the CONTRACTOR nor CONTRACTOR'S assigned personnel shall have any entitlement as a CITY employee, right to act on behalf of CITY in any capacity whatsoever as an agent, or to bind CITY to any obligation whatsoever.

As an independent contractor, CONTRACTOR hereby indemnifies and holds CITY harmless from any and all claims that may be made against CITY based upon any contention by any third party that an employer-employee relationship exists by reason of this Agreement.

22. NOTICES

Any and all notices permitted or required to be given hereunder shall be deemed duly given and effective (1) upon actual delivery, if delivery is by hand; or (2) five (5) days after delivery into the United States mail if delivery is by postage paid registered or certified (return receipt requested) mail. Each such notice shall be sent to the parties at the address respectively indicated below or to any other address as the respective parties may designate from time to time in writing.

FOR CONTRACTOR: Name: Stanislaus Audio Video, Inc.
Address: 1431 Kansas Avenue
Modesto, CA 95351
Attention: Matthew Turner
Phone: 209-529-2700

FOR CITY: Name: City of Ceres
Address: 2220 Hackett Road
Ceres, CA 95307
Attention: Phil Scott, Director of Public Works
Phone: (209) 538-5732

23. INSURANCE REQUIREMENTS

Insurance shall be provided as specified in Exhibit "E".

24. TERMINATION OF AGREEMENT

Termination on Occurrence of Stated Events

This Agreement shall terminate automatically on the date on which any of the following events occur: (1) bankruptcy or insolvency of CONTRACTOR, (2) legal dissolution of CONTRACTOR, or (3) death of key principal(s) of CONTRACTOR.

Termination by CITY for Default of CONTRACTOR

Should CONTRACTOR default in the performance of this Agreement or materially breach any of his provisions, at its option CITY may terminate this Agreement by giving written notification to CONTRACTOR. The termination date shall be the effective date of the notice. For the purposes of this section, material breach of this Agreement shall include but not be limited to any of the following: failure to perform required services or duties, willful destruction of CITY'S property by CONTRACTOR, dishonesty or theft.

Termination by CONTRACTOR for Default of CITY

Should CITY default in the performance of this Agreement or materially breach any of its provisions, at his/its option CONTRACTOR may terminate this Agreement by giving written notice to CITY. The termination date shall be the effective date of the notice. For the purposes of this section, material breach of this Agreement shall include but not be limited to any of the following: failure to pay CONTRACTOR as hereafter provided, willful destruction of CONTRACTOR'S property by CITY, dishonesty or theft.

Termination by CITY for Lack of Budgeted Funds

CITY may terminate this Agreement effective July 1 of any given year upon CITY'S determination to not appropriate sufficient funds for this Agreement for the ensuing fiscal year. In such event, CITY shall give CONTRACTOR not less than 30 days written notice.

Termination for Failure to Make Agreed-Upon Payments

Should CITY fail to pay CONTRACTOR all or any part of the payments set forth in this Agreement on the date due, at his option CONTRACTOR may terminate this Agreement if the failure is not remedied within thirty (30) days after CONTRACTOR notifies CITY in writing of such failure to pay. The termination date shall be the effective date of the notice.

Termination by CITY for Change of CONTRACTOR'S Tax Status

If CITY determines that CONTRACTOR does not meet the requirements of federal and state tax laws for independent contractor status, CITY may terminate this Agreement by giving written notice to CONTRACTOR. The termination date shall be the effective date of the notice.

Voluntary Termination

The parties may terminate this contract upon mutual written Agreement.

In the Event of Termination

If this Agreement is terminated pursuant to this Paragraph, CONTRACTOR shall cease all his work on the project as of the termination date and shall see to it that his employees, subcontractors and agents are notified of such termination and cease their work. If CITY so requests, and at CITY'S cost, CONTRACTOR shall provide sufficient oral or written status reports to make CITY reasonably aware of the status of CONTRACTOR'S work on the project.

If the Agreement is terminated pursuant to any of the subsections contained in this paragraph, CITY will pay CONTRACTOR an amount based on the percentage of work completed on the termination date, this percentage shall be determined by CITY in its sole discretion. If the Agreement is terminated pursuant to the subparagraph entitled Termination by CITY for Default of CONTRACTOR, CONTRACTOR understands and agrees that CITY may, in CITY'S sole discretion, refuse to pay CONTRACTOR for that portion of CONTRACTOR'S services which were performed by CONTRACTOR on the project prior to the termination date and which remain unacceptable and/or not useful to CITY as of the termination date.

25. INDEMNITY

CONTRACTOR shall indemnify and hold harmless CITY and its officers, officials and employees from and against all claims, damages, losses and expenses including reasonable attorney fees arising out of the performance of the work described herein, caused in whole or in part by any negligent act or omission of the CONTRACTOR, any subcontractor, anyone directly or indirectly employed by any of them or anyone for whose acts any of them may be liable, except where caused by the active negligence, sole negligence, or willful misconduct of the CITY.

CONTRACTOR'S obligation to defend, indemnify, and hold CITY, its agents, officers, and employees harmless under the provisions of this paragraph is not limited to or restricted by any requirement in this Agreement for CONTRACTOR to procure and maintain a policy of insurance.

26. RETENTION OF FUNDS

CONTRACTOR hereby authorizes CITY to deduct from any amount payable to CONTRACTOR (whether or not arising out of this Agreement): (i) any amounts the payment of which may be in dispute hereunder or which are necessary to compensate CITY for any losses, costs, liabilities, or damages suffered by CITY; and, (ii) all amounts for which CITY may be liable to third parties, by reason of CONTRACTOR'S acts or omissions in performing or failing to perform CONTRACTOR'S obligation under this Agreement. In the event that any claim is made by a third party, the amount or validity of which is disputed by CONTRACTOR, or any indebtedness shall exist which shall appear to be the basis for a claim of lien, CITY may withhold from any payment due, without liability for interest because of such withholding, an amount sufficient to cover such claim. The failure of CITY to exercise such right to deduct or to withhold shall not, however, affect the obligations of the CONTRACTOR to insure, indemnify, and protect CITY as elsewhere provided herein.

27. LIQUIDATED DAMAGES

Since the determination of actual damages for any delay in performance of this Agreement would be extremely difficult or impractical to determine, in the event of such a breach of this Agreement, the CONTRACTOR and its sureties shall be liable for and shall pay to the CITY the sum of TWO HUNDRED dollars and NO cents (\$200.00) as liquidated damages for each working day of delay not performed within the time provided in the Schedule of

Performance (Exhibit "D"). The CITY may withhold from any monies payable on account of services performed by the CONTRACTOR any accrued liquidated damages.

28. ENTIRE AGREEMENT

This Agreement and its exhibits contain the entire understanding between CONTRACTOR and CITY. Additional or new terms contained in this Agreement which vary from CONTRACTOR'S proposal are controlling and are deemed accepted by CONTRACTOR by shipment of any article or other commencement of performance hereunder. All previous proposals, offers and communications relative to this Agreement, whether oral or written, are hereby superseded except to the extent that they have been incorporated into this Agreement. No future waiver of or exception to any of the terms, conditions, and provisions of this Agreement shall be considered valid unless specifically agreed to in writing by all the parties.

29. PARTIAL INVALIDITY

If any provision in this Agreement is held by a court of competent jurisdiction to be invalid, void, or unenforceable, the remaining provisions shall nevertheless continue in full force without being impaired or invalidated in any way.

30. WAIVER

The waiver by any party to this Agreement of a breach of any provision hereof shall be in writing and shall not operate or be construed as a waiver of any other or subsequent breach hereof unless specifically stated in writing.

31. AUDIT

CITY'S duly authorized representative shall have access at all reasonable times to all reports, contract records, contract documents, contract files, and personnel necessary to audit and verify CONTRACTOR'S charges to CITY under this Agreement.

CONTRACTOR agrees to retain reports, records, documents, and files related to charges under this Agreement for a period of four (4) years following the date of final payment for CONTRACTOR services. CITY'S representative shall have the right to reproduce any of the aforesaid documents.

32. PAYMENT OF PREVAILING WAGES

CONTRACTOR shall pay to all persons performing work under this Agreement the general prevailing rate of per diem wages as determined by the Department of Industrial Relations of the State of California.

33. NONDISCRIMINATION

During the performance of this Contract, CONTRACTOR and its subcontractors shall not unlawfully discriminate against any employee or applicant for employment because of race, religion, color, national origin, ancestry, physical handicap, medical condition, marital status, age (over 40) or sex. CONTRACTOR and subcontractors shall ensure that the evaluation and treatment of their employees and applicants for employment are free of such discrimination. CONTRACTOR and subcontractors shall comply with the provisions of the Fair Employment and Housing Act (Gov. Code, Section 12990 et seq.) and the applicable regulations promulgated hereunder (California Code of Regulations, Title 2, Section 7285.0 et seq.). The applicable regulations of the Fair Employment and Housing Commission implementing Government Code, Section 12990, set forth in Chapter 5 of Division 4 of Title 2 of the California Code of Regulations are incorporated into this Contract by reference and made a part hereof as if set forth in full. CONTRACTOR and its subcontractors shall give written notice of their obligations under this clause to labor organizations with which they have a collective bargaining or other agreement.

This CONTRACTOR shall include the nondiscrimination and compliance provisions of this clause in all subcontracts to perform work under the Contract.

34. GOVERNING LAW

This Agreement shall be construed and interpreted both as to validity and to performance of the parties in accordance with the laws of the State of California. Legal actions concerning any dispute, claim, or matter arising out of or in relation to this Agreement shall be instituted in the Superior Court of the County of Stanislaus, State of California, or any other appropriate court in such county, and CONTRACTOR covenants and agrees to submit to the personal jurisdiction of such court in the event of such action.

35. HEADINGS NOT CONTROLLING

Headings used in the Agreement are for reference purposes only and shall not be considered in construing this Agreement.

36. CITY BUSINESS LICENSE

CONTRACTOR will have a City of Ceres business license, as required.

37. ATTORNEYS' FEES

If either party to this Agreement is required to initiate or defend or is made

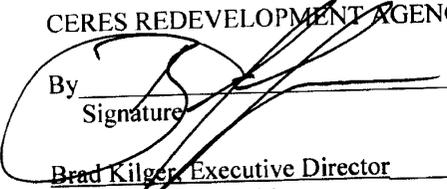
a party to any action or proceeding in any way connected with this Agreement, the prevailing party in such action or proceeding, in addition to any other relief which may be granted, whether legal or equitable, shall be entitled to reasonable attorneys' fees. Attorneys' fees shall include attorneys' fees on any appeal, and in addition a party entitled to attorneys' fees shall be entitled to all other reasonable costs for investigating such action, taking depositions and discovery, and all other necessary costs the court allows which are incurred in such litigation. All such fees shall be deemed to have accrued on commencement of such action and shall be enforceable if such action is prosecuted to judgment.

IN WITNESS WHEREOF, the parties have executed this Agreement on the dates indicated below.

Dated March 2, 2009

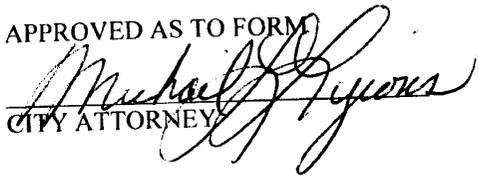
Dated March 2, 2009

CERES REDEVELOPMENT AGENCY

By 
Signature

Brad Kilger, Executive Director
Typed Name and Title

APPROVED AS TO FORM


CITY ATTORNEY

CONTRACTOR

By 
Signature

Matthew Turner,
Typed Name and Title

CONTRACTOR'S Federal ID#:

77-0396915

a party to any action or proceeding in any way connected with this Agreement, the prevailing party in such action or proceeding, in addition to any other relief which may be granted, whether legal or equitable, shall be entitled to reasonable attorneys' fees. Attorneys' fees shall include attorneys' fees on any appeal, and in addition a party entitled to attorneys' fees shall be entitled to all other reasonable costs for investigating such action, taking depositions and discovery, and all other necessary costs the court allows which are incurred in such litigation. All such fees shall be deemed to have accrued on commencement of such action and shall be enforceable if such action is prosecuted to judgment.

IN WITNESS WHEREOF, the parties have executed this Agreement on the dates indicated below.

Dated _____, 2009

Dated _____, 2009

CERES REDEVELOPMENT AGENCY

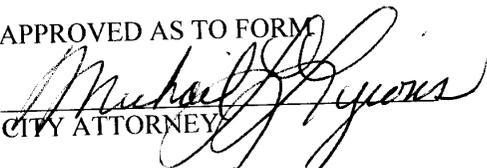
CONTRACTOR

By _____
Signature

By _____
Signature

Brad Kilger, Executive Director
Typed Name and Title

Matthew Turner,
Typed Name and Title

APPROVED AS TO FORM

CITY ATTORNEY

CONTRACTOR'S Federal ID#:

77-0396915

EXHIBIT A **Scope of Work**

Stanislaus Audio Video has submitted specifications and estimates for three tasks in the new City of Ceres Community Center. (See attached proposal for equipment and material specifications, incorporated herein by this reference).

City Council Chambers Relocation, Enhancements and Console

Stanislaus Audio Video will re-locate the camera system and two plasma monitors, add a computer video/audio input at the podium, add a computer video distribution system at the dais, and add the ability to view the output from the camera system or vcr on the plasma monitors.

This system will consist of:

- one 18 port db15 splitter
- one under-desk mount for the splitter
- 13 vga cables of various lengths
- one cat 5 cable run from the video source
- two vga over cat5 transmitter/receiver pairs
- two owner furnished plasma monitors and wall mounts
- three owner furnished cameras with mounts
- one owner furnished camera controller
- one owner furnished RGBHV splitter
- one owner furnished scan converter
- one owner furnished video switcher
- owner furnished preview monitors

The splitter will be installed under the dais. The splitter will require an available a/c outlet for power. The vga over cat5 transmitter will also require an available a/c outlet for power. The cat 5 cable will be routed through walls and any available conduit to the dais. The monitors and computer are to be provided by the client.

The owner furnished plasma screen(s) shall be wall mounted to the wall studs with wall anchors for metal studs, cement anchors for cement walls or lag screws for wood studs. The plasma screen(s) shall be installed with the owner furnished mount. Cabling to and from this equipment shall be routed through the walls if possible or through metal or plastic surface raceway.

The camera system shall be re-connected in it's current configuration with the addition of one switcher/scaler which will allow the system operator to select the video output of the switcher, an owner furnished dvd/vcr player, or the podium pc as a source for the plasma screens and dais monitors. The plasma screens and dais monitors shall all have the same image.

As much of the existing equipment as possible has been specified in this quote. All wire to the cameras, plasma screens, and dais monitors shall be new wire pulls. SAV will guarantee the performance of new equipment sold, new wire pulled, and new wire connections for a period of one year. All owner furnished equipment will not be guaranteed. There is no provision for a preview monitor for the owner furnished dvd/vcr or podium pc.

An audio cable will be pulled from the podium to the audio equipment rack. The termination of this cable shall be the responsibility of the contractor installing the audio system.

SAV does not provide electrical power. The client will be responsible for providing electrical power for the projectors, electric screen and equipment rack locations. SAV will sub-contract an electrician at the clients request at additional cost. All network cabling and connections are the responsibility of the client.

EXHIBIT B
Special Requirements

None

EXHIBIT C
Schedule of Compensation

The total compensation paid to CONTRACTOR is as follows:

City Council Chambers Relocate	\$ 6,572.44
City Council Chambers Enhancement	\$ 8,211.68
Winsted Console	\$ 5,108.68
Total =	\$19,892.80

EXHIBIT D
Schedule of Performance

All wiring and other preparatory work for the installation of the sound systems identified in the "Scope of Work" shall be completed within thirty (30) days of execution of this contract by the parties. The balance of the work identified in the "Scope of Work" cannot be commenced until the general contractor has made the site installation locations ready for the services of Contractor. Therefore, Contractor shall complete the balance of the work within thirty (30) days of receipt of written notice from the City to proceed.

All parties will proceed in good faith with intent to complete all work before the official opening of the Community Center and prior to June 1, 2009.

EXHIBIT E

**INSURANCE REQUIREMENTS FOR CONTRACTORS
(Without Construction Risks)**

CONTRACTOR shall procure and maintain for the duration of the contract insurance against claims for injuries to persons or damages to property which may arise from or in connection with the performance of the work hereunder and the results of that work by the CONTRACTOR, his agents, representatives, employees or subcontractors.

Minimum Scope of insurance

Coverage shall be at least as broad as:

1. Insurance Services Office (ISO) Commercial General Liability coverage (occurrence For CG 00 01).
2. Insurance Services Office (ISO) Form Number CA 00 01 covering Automobile Liability, Code 1 (any auto).
3. Workers' Compensation insurance as required by the State of California and Employer's Liability Insurance.

Minimum Limits of Insurance

CONTRACTOR shall maintain limits no less than:

1. General Liability (Including operations, products and completed
\$1,000,000 per occurrence for bodily injury, personal injury and property damage. If Commercial General Liability insurance or other form with a general aggregate limit is used, either the general aggregate limit shall apply separately to this project/location or the general aggregate limit shall be twice the required occurrence limit.
2. Automobile Liability:
\$1,000,000 per accident for bodily injury and property damage.
3. Employer's Liability:
\$1,000,000 per accident for bodily injury or disease.
4. Workers' Compensation: as required by the State of California

If the CONTRACTOR maintains higher limits than the minimums shown above, the entity shall be entitled to coverage at the higher limits maintained by the contractors.

Deductibles and Self-Insured Retentions

Any deductibles or self-insured retentions must be declared to and approved by the entity. At the option of the entity, either (a) the insurer shall reduce or eliminate such deductibles or self-insured retentions as respects the entity, its officers, officials, employees and volunteers or (b) the contractor shall provide a financial guarantee satisfactory to the entity guaranteeing payment of losses and related investigations, claim administration, and defense expenses.

Other Insurance Provisions

The general liability policy is to contained, or be endorsed to contain, the following provisions:

1. The entity, its officers, officials, employees, and volunteers are to be covered as insureds with respect to liability arising out of automobiles owned, leased, hired or borrowed by or on behalf of the contractor; and with respect to liability arising out of work or operations performed by or on behalf of the Contractor including materials, parts or equipment furnished in connection with such work or operations. General liability coverage can be provided with two endorsement forms: 1) in the form of an additional insured endorsement to the Contractor's insurance, or as a separate owner's policy (CG 20 10 11 85 or its equivalent language) and 2) a CG 20 27 37 10 01 endorsement form or its equivalent language. A later edition of the CG 20 10 form along with the CG 20 37 coverage form will give some protection to the entity for specific locations.
2. For any claims related to this project, the CONTRACTOR'S insurance coverage shall be primary insurance as respects the entity, its officers, officials, employees and volunteers. Any insurance or self-insurance maintained by the entity, its officers, officials, employees, or volunteers shall be excess of the CONTRACTOR'S insurance and shall not contribute with it.
3. Each insurance policy required by this clause shall be endorsed to state that coverage shall not be canceled by either party, except after thirty (30) days prior written notice by mail has been given to the entity.
4. Coverage shall not extend to any indemnity coverage for the active negligence of the additional insured in any case where an agreement to indemnify the additional insured would be invalid under Subdivision (b) of Section 2782 of the Civil Code.

Waiver of Subrogation

Contractor hereby agrees to waive subrogation which any insurer of CONTRACTOR may acquire from CONTRACTOR by virtue of the payment of any loss. Contractor agrees to obtain any endorsement that may be necessary to effect this waiver of subrogation.

The workers' compensation policy shall be endorsed to contain a waiver of subrogation in favor of the entity for all work performed by the CONTRACTOR, its agents, employees, independent contractors and subcontractors.

Acceptability of Insurers

Insurance is to be placed with insurers with a current A.M. Best's rating of no less than A:VII., unless otherwise acceptable to the entity.

Verification of Coverage

CONTRACTOR shall furnish the Entity with original certificates and endorsements, including amendatory endorsements, effecting coverage required by this clause. The endorsements should be on forms provided by the entity or on other than the entity's forms, provided those endorsements or policies conform to the requirements. All certificates and endorsements are to be received and approved by the entity before work commences; however, failure to do so shall not operate as a waiver of these insurance requirements. The entity reserves the right to require complete, certified copies of all required insurance policies, including endorsements affecting the coverage required by these specifications at any time.

Subcontractors

CONTRACTOR shall include all subcontractors as insures under its policies or shall furnish separate certificates and endorsements for each subcontractor. All coverages for subcontractors shall be subject to all requirements stated herein

RESOLUTION NO. 2009 - 01

RESOLUTION AUTHORIZING THE EXECUTIVE DIRECTOR TO ENTER INTO AN AGREEMENT WITH STANISLAUS AUDIO VIDEO INC., AND APPROVE A BUDGET TRANSFER IN THE AMOUNT OF \$23,000.00 FOR THE CERES COMMUNITY CENTER VIDEO CONTROL SYSTEM PROJECT

THE CERES REDEVELOPMENT AGENCY
City of Ceres

WHEREAS, it was determined to be in the best interest of the City of Ceres to utilize established City vendors to provide and install the Video Control System for the Ceres Community Center Council Dais; and,

WHEREAS, Stanislaus Audio Video Inc., has demonstrated their knowledge, ability and commitment to meeting the timelines to complete the work; and,

WHEREAS, staff received a scope of work and specifications from Stanislaus Audio Video Inc., on January 6, 2009; and,

WHEREAS, staff carefully reviewed the scope of work and quotation and determined that Stanislaus Audio Video Inc., best suited the needs of the City and provided the most beneficial pricing in the amount of \$19,892.80; and,

WHEREAS, a budget amendment is required to appropriate funds for the costs of the project as provided in Exhibit "A" hereto attached and incorporated herein by reference.

NOW, THEREFORE, BE IT HEREBY RESOLVED that the Ceres Redevelopment Agency does hereby approve the Contract for Video Control System installation and equipment relocation for the Community Center and directs the Executive Director to sign said Contract with Stanislaus Audio Video Inc.

BE IT FURTHER RESOLVED that the Ceres Redevelopment Agency does hereby appropriate funds in accordance with Exhibit "A" attached and the Administrative Services Director is hereby authorized and directed to record the appropriate accounting entries.

PASSED AND ADOPTED by the Ceres Redevelopment Agency at a regular meeting thereof held on the 9th day of February 2009, by the following vote:

AYES: Boardmembers Durossette, Lane, Ochoa, Chairman Cannella

NOES: None

ABSENT: Boardmember Vierra



Anthony Cannella, Chairperson

ATTEST:



Cindy Heidorn, CMC, Deputy City Clerk

ADMINISTRATIVE BUDGET AMENDMENT

(TRANSFER OF FUNDS)

BA # _____

DATE 1/26/09

TO: Administrative Services Director

FROM: Phil Scott, Public Works Director

Transfer appropriations from:

Fund Name	Fund No.	Dept. No.	Object No.	Appropriation Amount
CRA Capital Project Reserves	489			(23,000.00)
			Total	(23,000.00)

Transfer appropriations to:

Fund Name	Fund No.	Dept. No.	Object No.	Appropriation Amount
Community Center Construction (cr - 5000-6500)	489	95	7001	23,000.00
			Total	23,000.00

JUSTIFICATION: Installation of Video Control System in Community Center

Department Head

Date

Administrative Services Director

Date

City Manager

Date



LLOYD F. McKINNEY ASSOCIATES, INC.

DATE : November 13, 2008

QUOTE NUMBER : FC1108-16C

NAME : Mr. Farren Williams

COMPANY NAME : City of Ceres

PHONE : 209-538-5742

ADDRESS : 2727 Third Street

FAX : 209-538-5610

CITY : Ceres, CA 95307-3219

E-MAIL : farren.williams@ci.ceres.ca.us

SECTION: Video

PROJECT : **McKinney to Provide and Install a Video Switching, Scaling and Distribution System for 14 New Monitors and Two OFE Plasma Displays**

We submit our quotation for the following equipment and labor for the installation of the equipment, which we propose to furnish to you for the above project.

TERMS :

All Materials and labor delivered before the 25th will be due and payable by the 10th of the following month, unless otherwise stated. 1 1/2% per month will be added on all invoices not paid 30 days from the invoice date. In event it is necessary to bring legal action for the collection of this account, purchaser agrees to pay reasonable attorney's fees and necessary court costs.

WARRANTY :

We warrant all installation materials and labor furnished by us for a period of one year to be free from defects in workmanship or material. This warranty is limited to manufacturers warranty on devices and to timely correction by our free service of such defects that are discovered during the warranty period. It shall be the responsibility of the owner or his agent to notify us promptly of any such defects.

NOTES:

- A) This contract will provide thirteen LCD monitors with 17" diagonal measurement to be placed on the dias and wing tables for viewing by the city council. VGA signal cable paths and monitor power will be accommodated by the dias design.
- B) A lectern VGA input with audio will be installed and wired that will carry OFE computer and digitizer signals by presenter selection. A video and RGB scaler and switcher will receive this signal and scale it to a resolution compatible with the Pioneer and LCD displays.
- C) A composite video output from the OFE camera system or VHS tape S-Video can be displayed on all of the monitors. A push of a button will switch between sources, an extra LCD monitor is provided in this contract so the control operator can view the presentation.

PRICE: \$ 17,525.79

THIS QUOTE IS GOOD FOR 30 DAYS

RESPECTFULLY SUBMITTED

B
BY Ron Lampe
Ron Lampe

ACCEPTED BY: _____

DATE : _____

LLOYD F. McKINNEY ASSOCIATES, INCORPORATED

Under Mechanics Lien Law-(California Civil Code Section 3082, et seq.) any contractor, subcontractor, laborer, supplier or other person who helps to improve your property, but is not paid for his work or supplies, has the right to enforce a claim against your property. This means that, after a court hearing, your property could be sold by a court officer and the proceeds of the sale used to satisfy the indebtedness. This can happen if you have paid your contractor in full, if the subcontractor, laborer, or supplier remains unpaid. Contractors are required by law to be licensed and regulated by the Contractor's State License Board. Any Questions concerning a contractor may be referred to the Registrar of the Board whose address is: Contractor's State License Board, 1021 "N" Street, Sacramento, California 95814.

LLOYD F. MCKINNEY ASSOC., INC. CONTRACTORS LICENSE NO. 248851

25350 CYPRESS AVE. * HAYWARD, CA 94544 * (510)783-8043 * FAX (510)783-2130 * www.mckinneyassoc.com

LLOYD F. MCKINNEY ASSOC., INC. CONTRACTORS LICENSE NO. 248851
_25350 CYPRESS AVE. * HAYWARD, CA 94544 * (510)783-8043 * FAX (510)783-2130 * www.mckinneyassoc.com

AGREEMENT FOR PROFESSIONAL SERVICES

This Agreement is made and entered into as of the 10th day of July, 2003 by and between the **City of Foster City**, hereinafter called "CITY" and **CompView, Inc.**, hereinafter called "CONSULTANT".

RECITALS

This Agreement is entered into with reference to the following facts and circumstances:

- A. That CITY desires to engage CONSULTANT to render certain professional services in the CITY;
- B. That CONSULTANT is qualified to provide such services to the CITY and;
- C. That the CITY has elected to engage the services of CONSULTANT upon the terms and conditions as hereinafter set forth.
 1. Services. The services to be performed by CONSULTANT under this Agreement shall include those services set forth in Exhibit A, which is, by this reference, incorporated herein and made a part hereof as though it were fully set forth herein.

Performance of the work specified in said Exhibit is hereby made an obligation of CONSULTANT under this Agreement, subject to any changes that may be made subsequently hereto upon the mutual written agreement of the said parties.

Where in conflict, the terms of this Agreement supersede and prevail over any terms set forth in Exhibit A.

2. Term; Termination. (a) The term of this Agreement shall commence upon the date hereinabove written and shall expire upon completion of performance of services hereunder by Consultant, and not later than December 31, 2003.
(b) Notwithstanding the provisions of (a) above, either party may terminate this Agreement without cause by giving written notice not less than ten (10) days prior to the effective date of termination, which date shall be included in said notice. In the event of such termination, City shall compensate Consultant for services rendered, and reimburse Consultant for costs and expenses incurred, to the date of termination, calculated in accordance with the provisions of paragraph 3. In ascertaining the services actually rendered to the date of termination, consideration shall be given both to completed work and work in process of completion. Nothing herein contained shall be deemed a limitation upon the right of City to terminate this Agreement for cause, or otherwise to exercise such rights or pursue such remedies as may accrue to City hereunder.

3. Compensation; Expenses; Payment. City shall compensate Consultant for all labor and materials provided by Consultant hereunder in an amount based upon Consultant's hourly rates and charges during the time of the performance of said services. A copy of Consultant's proposed rates for which services hereunder shall be performed are set forth in Consultant's fee schedule marked Exhibit "B" hereof, attached hereto and by this reference incorporated herein.

Notwithstanding the foregoing, the combined total of compensation and reimbursement of costs payable hereunder shall not exceed the sum of Three Hundred Sixty Four Thousand Dollars (\$364,000), unless the performance of services and/or reimbursement of costs and expenses in excess of said amounts have been approved in advance of performing such services or incurring such costs and expenses by City's City Manager.

Consultant shall provide a Contractor's Performance Bond for all services provided under this agreement. Consultant's costs to obtain said Performance Bond is included in the compensation amount listed above.

Compensation and reimbursement of costs and expenses hereunder shall be payable according to the following schedule as billed therefor by Consultant to City, which billing shall include an itemized statement, briefly describing by task and labor category or cost/expense items billed.

Payment schedule shall be as follows:

- 40% upon Execution of Agreement – City shall make payment to Consultant in an amount not to exceed \$145,600 based upon the estimated cost of services to be provided under this agreement within 10 days of execution of this agreement by Consultant and City. City shall execute this agreement within 24 hours of receipt of original signatures from Consultant on Signature Page of this agreement.
- 30% Progress Payment – City shall make progress payment to Consultant in an amount not to exceed \$109,200 based upon the estimated cost of services to be provided under this agreement on August 31, 2003 subject to receipt of invoice from Consultant for said amount.
- 20% upon Substantial Completion of Installation, Integration, Testing and Training on System and Equipment – City shall make payment to Consultant in an amount not to exceed \$72,800 based upon the estimated cost of services within 10 days of substantial completion of the project, subject to receipt of invoice from Consultant for said amount. Substantial completion shall mean delivery of all equipment provided under this contract, integration and installation of Consultant-provided and owner-furnished equipment and systems, testing of all equipment and systems, and training of City staff in use of equipment and systems, unless otherwise modified due to construction delays

outside of the control of the Consultant or the City. Expected payment of such services is expected to be on or around October 31, 2003.

- Final Billing upon and Acceptance by City – City shall make final payment to Consultant for all outstanding costs for services rendered upon Final Acceptance of completed services. Final acceptance of services under this agreement shall occur only after all services are complete, including installation, integration and testing of equipment and materials to satisfaction of City, and training of City staff on use of said equipment and materials.
4. Additional Services. In the event City desires the performance of additional services not otherwise included within the services described in Exhibit A, such services shall be authorized in advance of the performance thereof by City's City Manager. Such amendment to this Agreement shall include a description of the services to be performed thereunder, the maximum compensation and reimbursement of costs and expenses payable therefor, the time of performance thereof, and such other matters as the parties deem appropriate for the accomplishment of such services. Except to the extent modified by written amendment, all other terms and conditions of this Agreement shall be deemed incorporated in each such amendment.
 5. Records. Consultant shall keep and maintain accurate records of all time expended and costs and expenses incurred relating to services to be performed by Consultant hereunder. Said records shall be available to City for review and copying during regular business hours at Consultant's place of business or as otherwise agreed upon by the parties.
 6. Authorization. This Agreement becomes effective when endorsed by both parties in the space provided below.
 7. Reliance on Professional Skill of Consultant. Consultant represents that it has the necessary professional skills to perform the services required and the City shall rely on such skills of the Consultant to do and perform the work. In performing services hereunder Consultant shall adhere to the standards generally prevailing for the performance of expert consulting services similar to those to be performed by Consultant hereunder.
 8. Documents. All documents, plans, drawings, renderings, and other papers, or copies thereof, as finally rendered, prepared by Consultant pursuant to the terms of this Agreement, shall, upon preparation and delivery to City, become the property of City.
 9. Relationship of Parties. It is understood that the relationship of Consultant to the City is that of an independent contractor and all persons working for or under the direction of Consultant are its agents or employees and not agents or employees of the City.

10. Schedule. Consultant shall adhere to the schedule set forth in Exhibit A; provided, that City shall grant reasonable extensions of time for the performance of such services occasioned by governmental reviews of Consultant's work product or other unavoidable delays; provided, further, that such unavoidable delay shall not include strikes, lockouts, work stoppages, or other labor disturbances conducted by, or on behalf of, Consultant's officers or employees.

Consultant acknowledges the importance to City of City's Project schedule and agrees to put forth its best professional efforts to perform its services under this Agreement in a manner consistent with that schedule.

11. Indemnity. Consultant hereby agrees to defend, indemnify, and save harmless City and Estero Municipal Improvement District, its Council, boards, commissions, officers, employees and agents, from and against any and all claims, suits, actions liability, loss, damage, expense, cost (including, without limitation, costs and fees of litigation) of every nature, kind or description, which may be brought against, or suffered or sustained by, City or Estero Municipal Improvement District, its Council, boards, commissions, officers, employees or agents caused by, or alleged to have been caused by, the negligence, intentional tortuous act or omission, or willful misconduct of Consultant, its officers, employees or agents in the performance of any services or work pursuant to this Agreement.

The duty of Consultant to indemnify and save harmless, as set forth herein, shall include the duty to defend as set forth in Section 2778 of the California Civil Code; provided, however, that nothing herein contained shall be construed to require Consultant to indemnify City and Estero Municipal Improvement District, its Council, boards, commissions, officers, employees and agents against any responsibility or liability in contravention of Section 2782 of the California Civil Code.

12. Insurance. Consultant shall acquire and maintain Workers' Compensation, employer's liability, commercial general liability, owned and non-owned and hired automobile liability, and professional liability insurance coverage relating to Consultant's services to be performed hereunder covering City's risks in form subject to the approval of the City Attorney and/or City's Risk Manager. The minimum amounts of coverage corresponding to the aforesaid categories of insurance per insurable event, shall be as follows:

<u>Insurance Category</u>	<u>Minimum Limits</u>
Workers' Compensation	statutory minimum
Employer's Liability	\$1,000,000 per accident for bodily injury or disease
Commercial General Liability	\$1,000,000 per occurrence and \$2,000,000 aggregate for bodily

	injury, personal injury and property damage
Automobile Liability	\$1,000,000 per accident for bodily injury and property damage (coverage required to the extent applicable to Consultant's vehicle usage in performing services hereunder)
Professional Liability	\$1,000,000 per claim and aggregate

Concurrently with the execution of this Agreement, Consultant shall, on the forms provided in Exhibit C, furnish City with certificates and copies of information or declaration pages of the insurance required hereunder and, with respect to evidence of commercial general liability and automobile liability insurance coverage, original endorsements:

- (a) Precluding cancellation or reduction in coverage before the expiration of thirty (30) days after City shall have received written notification of cancellation or reduction in coverage by first class mail;
- (b) Providing that Consultant's insurance shall apply separately to each insured against whom claim is made or suit is brought, except with respect to the limits of the insurer's liability (cross liability endorsement);
- (c) Naming the City of Foster City and Estero Municipal Improvement District, its Council, officers, boards, commissions, employees, and agents, as additional insureds; and
- (d) Providing that Consultant's insurance coverage shall be primary insurance with respect to City and Estero Municipal Improvement District, its Council, officers, boards, commissions, employees, and agents, and any insurance or self-insurance maintained by City for itself, its Council, officers, boards, commissions, employees, or agents shall be in excess of Consultant's insurance and not contributory with it.

13. WORKERS' COMPENSATION. CONSULTANT certifies that he is aware of the provisions of the Labor Code of the State of California which require every employer to be insured against liability for workers' compensation or to undertake self-insurance in accordance with the provisions of that Code, and CONSULTANT certifies that he will comply with such provisions before commencing the performance of the work of this agreement.

14. NON-DISCRIMINATION. The CONSULTANT will not discriminate against any employee or applicant for employment because of race, color, religion, sex or national origin. The CONSULTANT will take affirmative action to insure that applicants are employed and the employees are treated during employment without regard to their race, color, religion, sex or national origin. Such action shall include, but not be limited to the following: employment, advancement, demotion, transfer, recruitment, or recruitment advertising, layoff or termination, rates of pay or other forms of compensation, and selection for training, including apprenticeship. The CONSULTANT shall at all times be in compliance with the requirements of the Federal Americans With Disabilities Act (Public Law 101-336) which prohibits discrimination on the basis of disability by public entities. The CONSULTANT agrees to post in conspicuous places available to employees and applicants for employment any notices provided by the CITY setting forth the provisions of this non-discrimination clause.
15. Notice. All notices required by this Agreement shall be given to the CITY and CONSULTANT in writing, by first class mail, postage prepaid, addressed as follows:
- CITY: City of Foster City
610 Foster City Boulevard
Foster City, CA 94404
Attention: Steve Toler, Administrative Services Director
- CONSULTANT:
CompView Inc.
1130 Burnett Avenue, Suite P
Concord, CA 94520
Attention: Jen Cunneen, Account Executive
16. Non-Assignment. This Agreement is not assignable either in whole or in part.
17. Amendments. This Agreement may be amended or modified only by written agreement signed by both parties.
18. Validity. The invalidity in whole or in part of any provision of this Agreement shall not void or affect the validity of any other provision of this Agreement.
19. Governing Law. This Agreement shall be governed by the laws of the State of California and any suit or action initiated by either party shall be brought in the County of San Mateo, California. In the event of litigation between the parties hereto to enforce any provision of the Agreement, the unsuccessful party will pay the reasonable attorney's fees and expenses of litigation of the successful party.
20. Mediation. Should any dispute arise out of this Agreement, the parties shall meet in mediation and attempt to reach a resolution with the assistance of a

mutually acceptable mediator. Neither party shall be permitted to file legal action without first meeting in mediation and making a good faith attempt to reach a mediated resolution. The costs of the mediator, if any, shall be paid equally by the parties. If a mediated settlement is reached neither party shall be deemed the prevailing party for purposes of the settlement, and each party shall bear its own legal costs.

21. Conflict of Interest. CONSULTANT may serve other clients, but none who are active within the City of Foster City or who conduct business that would place CONSULTANT in a "conflict of interest" as that term is defined in State law.
22. Entire Agreement. This Agreement, including Exhibit A comprises the entire Agreement.

IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be executed on the date first above written by their respective officers duly authorized in that behalf.

CITY OF FOSTER CITY

Dated: 7-30-03

James C. Hardy
James C. Hardy, City Manager

ATTEST:

Dated: 8/18/03

Therese L. Tahir
Therese L. Tahir, City Clerk

APPROVED AS TO FORM

Dated: 8/18/03

John B. Swann
City Attorney

COMPVIEW, INC.

Dated: Jul 27, 2003

Jen Cunneen
Jen Cunneen, Account Executive

SCOPE OF WORK AND SCHEDULE

- A. Vendor shall provide shop drawings of proposed installation within 21 days after the contract is signed with the City.
- B. Vendor shall provide equipment, projection screen (Main Chambers only), and any related accessories, cabling, and mounting kits specified and agreed to by the City as indicated in the "Plan Drawings" and "Equipment Listing" section below for the Main Chambers and Board Room.
- C. Vendor shall install such equipment and related accessories, cabling, and mounting kits in the City's facilities required as part of this project.
- D. Vendor shall disassemble, package, move, unpack, mount, install, and integrate all existing A/V production and playback equipment currently in use at the Community Center.
- E. Vendor shall coordinate its installation and integration services to the satisfaction of City staff with other contractors who may be working in the City facilities at the time of installation and integration.
- F. Electrical conduits, junction boxes, and outlets have been provided by the City. The vendor shall be responsible for connecting all equipment to existing electrical service.
- G. CATV head-end distribution tap and return feed (RF) will be provided by the cable operator, Comcast. Vendor shall coordinate with the cable operator to ensure the smooth transition of cablecasting services from the existing Community Center to the new Council Chambers. Vendor shall be responsible for connecting production equipment to the distribution tap. Vendor shall be responsible for distributing the RF signal to control booth monitors and presentation equipment in the facility.
- H. The City's general contractor will install, test, and certify lighting systems and darkening shades in the Main Chambers and Board Room. Vendor shall coordinate with the City's contractor for integrating lighting and shade controls into the video production controls under this contract. Vendor shall ensure the successful interoperability with such equipment in the testing and integration of equipment installed as part of this project.
- I. Vendor shall integrate, adjust and test all equipment to ensure its usability for the purposes described above.
- J. Vendor shall provide training of City personnel in the operation and maintenance of the AV systems installed upon acceptance, and at least 2 other times during the one year period after the date of acceptance. The training shall be scheduled to accommodate City staff's schedules.
- K. Vendor shall substantially complete the requirements of this project by the time that the City is prepared to host meetings in the new facility, no later than October 31, 2003.
- L. Vendor shall submit final drawings of the fabrication, installation and wiring of the system within 30 days of City's acceptance.
- M. Vendor shall provide a full one-year warranty on the entire system as indicated in the "Warranty" section below.

Overview of A/V Needs

The construction of the new Council Chambers puts the finishing touches on the construction of a fully integrated Government Center. This is a landmark event in Foster City, creating a new public building that will meet the current and future needs in providing quality services to the community. While the architecture of the entire Government Center, including the Council Chambers, was created using timeless design principles, 21st century technology will be used to support the service delivery initiatives of the City's 11 operating departments, including high quality live and pre-recorded video productions to the community using a variety of media, including the City's government access channel, FCTV.

The Council Chambers is the place where elected officials, City staff, and the public meet to conduct City business and where the key decisions are made that affect the entire community. The audio/visual equipment needs for this facility must meet the needs of the following participants:

- Meeting Participants – All meeting participants need to be able to view presentations from a variety of media sources (e.g., PowerPoint presentations, DVD or S-VHS video sources, contractor's plans, printed documents) and be able to hear all presenters as part of every meeting. And such equipment must be easy enough to use with little guidance required from video professionals.
- The Viewer at Home – Whether it is a City Council, Planning Commission, or Town Hall meeting, or live reports during an emergency event, the viewer at home should be able to view everything going on and presented during a live meeting from the comfort of their home over the City's government access channel, FCTV, and over the internet via a web stream. This is true for the Council Chambers as well as the Board Room.
- The Teleconferenced Site – People on the other end of a teleconference connection should be able to see and hear the proceedings of any meeting held for such purposes in the Board Room of the facility.

There are three rooms located in the Council Chambers facility that require audiovisual and/or video production equipment. The following is a general overview of each room's function and purpose:

Main Chambers

This is where the main business of the City is conducted. The primary use of this facility is to host the City Council and Planning Commission public meetings. These boards meet 2-4 times per month. The proceedings are cablecast live to Foster City residents via FCTV, which has dedicated video professionals to produce and direct each meeting. Other public meetings will be held in this facility that may not require video production, but require state-of-the-art audiovisual presentation equipment.

A secondary use of this facility will be as a lease-able meeting facility to the residential and business community for large-group meetings.

Another vital use of this facility is its role during an emergency event. This facility will be utilized to disseminate information to the public over FCTV regarding any emergency event which the City may be handling (e.g., earthquake, flooding, plane crash, major fire, etc.), and used for press meetings as necessary in such an event.

The room will consist of a fixed dais with 5 positions for Board members. There will be 5 fixed positions for Staff members to sit. A document table will be housed in front of the dais for presenters to present plans, photos, and other documents to the Board. A

movable podium will be available for members of the public to present their thoughts / information on a topic, and will also be used as a presentation podium for other types of meetings, complete with RGB inputs for computer presentations. The audience will sit in fixed theater-style chairs in a sloped-seating arrangement. Seating capacity is expected to be 140. The audience will be able to view presented material on an 8' rear projection screen at the front of the meeting room, while Board members will be able to view such material in small monitors housed in each of the 5 positions at the dais.

Examples of the types of **input sources** for audiovisual presentation are:

- Video Production Cameras – Four (4) video cameras with pan/tilt/zoom/focus capabilities will be used to capture the proceedings for cablecasting or recording purposes. A video operator in the control booth will control these cameras.
- Document Presentation – During live meetings, the board is presented with material from a variety of different sources, which live participants (including the governing board) and viewers at home must be able to see. These uses include architectural plans by developers, photos, correspondence, and other documents. These documents range in size from 4"x6" to size E plans. These documents will be displayed through use of one (1) document camera housed at the top of the Council Chambers with zoom control at the presentation podium and from the Video Control Room.
- Computer (RGB) Presentation – Either public presenters or Staff members will be able to do PowerPoint presentations, or otherwise display various software applications for all participants and Board members to view.
- DVD / S-VHS / VHS Media – Video media as those listed here may be presented during a meeting from a fixed position at the Staff dais area.
- Voting System – In order to document votes of the Board members, a voting system will be implemented that will be viewable on the projection screen.
- CATV / Satellite Video Feed – As necessary, video feed from CATV or a fixed satellite dish may be viewed for training presentations or emergency events.
- Videoconferencing AV Capture – This room may be used as a secondary videoconferencing facility (primary being the Board Room as noted below), so videoconferencing capture devices (camera, microphone, etc.) will need to be available in this room.
- Voice amplification – Ten (10) fixed microphones will be deployed at each of the Board member and Staff seating areas. **Owner-provided wireless microphones** (7 in total) will be used at the presentation podium and throughout the Chambers as needed for audience interaction.

Examples of **output devices** used in this facility are:

- Rear-Projection Screen – A 6' x 8' rear projection screen will be housed at the front of the Chambers, behind the dais. A digital projector will be mounted behind the screen to project the images to be displayed.
- Council Dais Monitors – So that the board members do not need to turn their heads to view presentation material, CRT monitors will be provided that will display program video as displayed on the rear projection screen.
- Audio amplification – A series of speakers will be implemented for audio amplification from the various audio input sources.
- "On-air" Lights – On-air lights will be housed in the interior of the Chambers, as well as in the Lobby, as a visual cue to all attendees that the meeting is being aired and/or recorded.

Examples of the **control systems** desired for this facility are:

- Crestron Switching Controls – At least two wired Crestron¹ switching control devices are required, one at the Staff dais, the other in the Control Booth, to control what video source is output to the rear projection screen, with override capabilities in the Control Room. This device will control speech amplification volume in the room. It will also need to interface with a Lithonia Lighting Systems lighting control unit, with an expectation of not more than 30 lighting scenes. A wireless control device should also be available to be able to control input, output and lighting from any location within the Chambers. **Ease of use is critical** to the setup of this device, as we do not expect a video professional to be available for the duration of each meeting held in this room.
- ~~Council Monitor Controls – Each monitor at the Council dais will need a simple control switch to allow switching between various video sources as outlined above. Again, **ease of use is critical** to this function. Eliminated from scope.~~
- Voting Buttons / Display – Voting buttons (e.g., Yea, Nay, Abstain) will be used by each of the 5 positions at the Council dais and integrated into the voting system to be displayed on the projection screen.
- Document Camera Controls – Zoom control, including preset zoom settings, will be needed at the document table in front of the dais for presenters to zoom the document camera sufficiently for all participants to view the document on the projection screen and/or dais monitors. The video control booth should also have override control capabilities.

Video Production Controls – Video production controls such as pan/tilt operation controls for cameras, audio-video mixing controls, character generator, lighting controls, “on-air” lights, a control booth mic, and the like will be necessary in the control booth to ensure a high-quality video production of each meeting that is aired and/or recorded.

Board Room

The Board Room is located adjacent to the Chambers. This room will be used primarily for study sessions of the City Council or Planning Commission, and used for all other citizen advisory committees. Meetings will be held in this facility 2-4 times per week. Most of the meetings will not have extensive audio/visual requirements. Nevertheless, all Planning Commission study sessions, and at least the Parks & Recreation Committee meetings, will be aired live on FCTV and/or recorded for future playback.

A secondary use of this facility will be as a videoconferencing center, whereby either City staff or public members will be able to conduct a videoconference in this facility.

The room will consist of a large conference table with a recessed “raceway” in the middle to house audio, RGB video, electrical, and data inputs. Maximum seating capacity in this room will be approximately 20.

Examples of the types of **input sources** for audiovisual presentation are:

- Video Production Cameras – Three (3) video cameras with pan/tilt/zoom/focus capabilities will be used to capture the proceedings for cablecasting or recording purposes. A video operator in the control booth will control these cameras. **These cameras are owner-provided**, however the Vendor will need to integrate these into the Control Room control systems.

¹ The City has standardized on Crestron controls in its EOC / Training Center facility at City Hall. We anticipate in the future using add-on Ethernet modules to centrally manage the two control systems as required.

- Computer (RGB) Presentation – Attendees will be able to do PowerPoint presentations, or otherwise display various software applications for all participants to view.
- DVD / S-VHS / VHS Media – Video media as those listed here may be presented during a meeting.
- CATV / Satellite Video Feed – As necessary, video feed from CATV or a fixed satellite dish may be viewed for training presentations or emergency events.
- Videoconferencing AV Capture – This room will be the primary videoconferencing facility, so videoconferencing capture devices (camera, microphone, etc.) will need to be available in this room.
- Voice amplification – **Owner-provided** wireless microphones with stands will be used for sound capture for air or recording. Voice amplification is not really necessary in this room.

Examples of **output devices** used in this facility are:

- Front-Projection Screen – A 4' x 6' front projection screen (**owner-provided**) will be housed at one side of the room. A vendor-supplied digital projector will be mounted on a soffit in the middle of the room to project the images to be displayed from the video sources listed above.
- Audio amplification – Speakers will be implemented for audio amplification from the various video input sources. Voice amplification is not required in this room.
- "On-air" Lights – On-air lights will be housed in the interior of the room as a visual cue to all attendees that the meeting is being aired and/or recorded.

Examples of the **control systems** desired for this facility are:

- Crestron Switching Controls – At least one Crestron switching control device is required to control what audio and video sources are output to the speakers and front projection screen. **Ease of use is critical** to the setup of this device, as we do not expect a video professional to be available for the duration of each meeting held in this room.
- Video Production Controls – The video production controls outlined under "Main Chambers" above should integrate the various audio and video sources from this room for each meeting that is aired and/or recorded.

Lobby Area

The Lobby Area is where people enter the Council Chambers building. It is a place where people may mill about while they wait for an agenda item to be heard. The following **output devices** are required in this area:

- Television – A 32" television set is to be suspended from the ceiling that will display FCTV, the City's government access channel. Audio program will be reproduced through the built-in loud speakers in the television set, and controlled through an infrared remote control.
- "On-air" Lights – On-air lights will be housed in the Lobby as a visual cue to all attendees that the meeting is being aired and/or recorded.

Technical Specifications

Performance Standards

Performance standards for each installation shall meet the following criteria:

Audio Signal

- Signal-to-Noise Ratio (including crosstalk): 55 dB minimum
- Total Harmonic Distortion: 0.1% maximum from 20 Hz to 20 kHz
- Frequency Response: ± 1.0 dB, 20 Hz to 20 kHz

Audio Reproduction

- Signal-to-Noise Ratio (including crosstalk): 55 dB minimum
- Total Harmonic Distortion: 1% maximum from 30 Hz to 15 kHz
- Frequency Response: Speech and Program Reproduction loudspeakers -- ± 2 dB, 63 Hz to 6 kHz decreasing uniformly from a relative level of 0 dB at 6 Hz to a relative level of -5 dB at 20 kHz as measured on axis of loudspeakers.
- Speech Reinforcement Sound Output Capability: Provide program levels of not less than 90 dB and speech reinforcement levels of not less than 85 dB everywhere in the seating area without objectionable distortion, rattles, or buzzes. Use several different samples of recorded music as test signals. Test microphones at each input.
- Hum and Noise: Hum and noise shall be inaudible under normal conditions from anywhere in the seating area.

Video Signal

- Signal-to-Noise Ratio (peak to RMS) unweighted DC to 4.2 MHz: 55 dB minimum
- Crosstalk unweighted DC to 4.2 MHz: 55 dB minimum
- Frequency Response: ± 0.5 dB to 4.2 MHz
- Line and Field Tilt: 2% minimum
- Differential Gain: 3% maximum
- Differential Phase: 2 maximum

Video Timing

- System Timing: Sync coincidence within 50 nanoseconds
- Color Timing: Within 2 at 3.58 MHz

Optical Performance

- The total averaged light output from a projector in lumens shall be $\pm 15\%$ of that specified by the projector manufacturer.
- The light falloff from the center of the projected image to four corners as measured at the projected image plane shall not exceed 50%
- Projectors, lenses, and mirrors shall be solidly mounted and braced so that no movement induced by motor vibration or other mechanical equipment is observed in the image.

Warranty

Vendor shall guarantee the entire system for a minimum of one year from the date of City's acceptance. Component warranties shall be honored for the term established by the manufacturer, if greater than one year, and shall commence on the date of City's acceptance. Vendor modified equipment normally voids manufacturer's warranties – as such, the vendor shall give the City a warranty equivalent to that of the original equipment. Vendor will include in the warranty quarterly site visits to check and adjust equipment to restore systems to original performance standards.

EXHIBIT B

CONSULTANT'S FEE SCHEDULE

(SEE ATTACHED)



City of Foster City
Proposal for Audiovisual Systems for Council Chambers
Foster City Government Center
CIP 745

7/08/03 REVISION 3	Date
CompView, Inc.	Company Name
Jen Cunneen	Contact Name
1130 Burnett Avenue - Suite P	Address
Concord	City
California	State
94520	ZIP
925-521-0160, X 309	Telephone #
jcunneen@compview.com	E-mail Address:

Summarized Cost Information

Main Chambers	\$	205,841.01
Board Room	\$	32,903.21
Lobby	\$	1,415.72
Video Control Room		Included
Labor Costs	\$	99,673.02
Performance Bond	\$	4,312.50
Total Bid	\$	<u>344,145.46</u>

w/ Tax
 V+ to
 Exceed

\$ 364,000

Regional Office
 1130 Burnett Avenue - Suite P
 Concord, CA 94520
 925-521-0160
 877-278-8439
 925-521-0167 fax
 www.compview.com

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

Project Number: SF00386
 Account Executive: Jen Cunneen
 Date: 7/3/2003 REV 1

Bill of Materials A: City of Foster City

Project Title: Council Chambers AV RFP

Title of System: Lobby

Client

Name: Steve Toler
 Company: City of Foster City
 Address: 610 Foster City Boulevard
 Address:
 City/State/Zip: Foster City, CA 94404-

Item	Total QTY	QTY per Room	Manufacturer	Model	Description	Price Each	Ext. Price
1.00						\$ -	\$ -
2.00						\$ -	\$ -
3.00						\$ -	\$ -
4.00						\$ -	\$ -
5.00			Video			\$ -	\$ -
6.00	1	1	CVI	CVI	Cables, connectors and parts	\$ 332.55	\$ 332.55
7.00	1	1	Sony	KV32FS100	32" TV	\$ 787.05	\$ 787.05
8.00	2	2	Broadcast Warehouse	Pro On Air	Pro On Air Lights	\$ 296.13	\$ 296.13

Bill of Materials: City of Foster City

Project Title: Council Chambers AV RFP

Applies To These Rooms: Lobby

Client

Name: Steve Toler
 Company: City of Foster City
 Address: 610 Foster City Boulevard
 Address:
 City/State/Zip: Foster City, CA 94404-

Equipment Price	\$	1,415.72
Engineering Price	\$	800.00
Installation Price	\$	1,628.57
Total Labor Price	\$	2,428.57
Overall Cost of System Integration	\$	3,844.29

Total Price w/o taxes	\$	3,844.29
Tax on equipment at 8.25%	\$	116.80
Total Price with taxes	\$	3,961.09

Regional Office
 1130 Burnett Avenue - Suite P
 Concord, CA 94520
 925-521-0160
 877-278-8439
 925-521-0167 fax
 www.compview.com

Registered and Bonded
 Oregon CCB #134110
 Washington COMPV#015DT
 California C-7 #778555
 Minnesota License # CC01101

Project Number: SF00386
 Account Executive: Jen Cunnegan
 Date: 7/08/03 REV 3

Bill of Materials B: City of Foster City

Project Title: Council Chambers AV RFP

Title of system: Council Chambers

Client
 Name: Steve Toler
 Company: City of Foster City
 Address: 610 Foster City Boulevard
 Address:
 City/State/Zip: Foster City, CA 94404-

Item	Total QTY	QTY per Room	Manufacturer	Model	Description	Price Each	Ext. Price
1.00	1	1	Proxima	DP9500L	XGA Projector - no lens	\$ 10,119.45	\$ 10,119.45
2.00	1	1	Proxima	LENS 019	Wide Angle zoom lens	\$ 3,512.91	\$ 3,512.91
3.00						\$ -	\$ -
4.00						\$ -	\$ -
5.00						\$ -	\$ -
6.00	1	1	CVI	CVI	Cables, connectors and parts	\$ 7,919.73	\$ 7,919.73
7.00			Video			\$ -	\$ -
8.00	1	1	Da-Lite	SN166HDPF16	Rear projection Screen 84" by 146"	\$ 6,607.45	\$ 6,607.45
9.00	1	1	Sony	DXC 990	Document Camera	\$ 4,389.09	\$ 4,389.09
10.00	1	1	Fujinon	S16x7.3BWMD-18	Document Camera Lens	\$ 4,117.43	\$ 4,117.43
11.00	1	1	Sony	CAM-WMBKT	Document Camera Ceiling Mount	\$ 83.69	\$ 83.69
12.00	1	1	Fujinon	UTB-219-02A	Document Camera Adapter	\$ 630.88	\$ 630.88
13.00	5	5	Sony	TK-C0MC12P05	Document Camera Power Cable	\$ 753.19	\$ 753.19
14.00	4	4	Sony	DXC 990	Video Production Cameras	\$ 17,556.35	\$ 17,556.35
15.00	4	4	Fujinon	S16x7.3BWMD-18	Video Production Camera Lens	\$ 16,469.70	\$ 16,469.70
16.00	4	4	Fujinon	CPT-1A-10D	Video Production Pan Tilt Head	\$ 18,292.80	\$ 18,292.80
17.00	4	4	Fujinon	UTB-21902A	Video Production Camera Adapter	\$ 2,523.50	\$ 2,523.50
18.00	4	4	Fujinon	CPS-401A-10D	power supply for Pan/Tilt	\$ 3,774.95	\$ 3,774.95
19.00	1	1	Fujinon	EOP-102J-50D	Controller for pan/tilt head	\$ 5,581.31	\$ 5,581.31
20.00	4	4	Fujinon	UHD-344A-005	Power supply cable for Pan/Tilt	\$ 1,009.40	\$ 1,009.40
21.00	4	4	Fujinon	CMA-200A-01A	Wall mount for pan tilt head	\$ 1,982.75	\$ 1,982.75
22.00	5	5	Sony	CC-M8-MDIN	Camera Control Cable	\$ 388.25	\$ 388.25
23.00	5	5	Fujinon	CMAD2	Video Production Camera Power Supply	\$ 1,184.50	\$ 1,184.50
24.00	2	2	Panasonic	WV-BMS00	Camera Monitors	\$ 821.43	\$ 821.43
25.00	1	1	Extron	60-427-11	VGA/Audio @ Lectern Location (Verify Color Prior to Ordering)	\$ 122.31	\$ 122.31
26.00	7	7	Extron	60-427-11	VGA/Audio @ 1 City Clerk, 5 Data & 1 Staff Table Location	\$ 856.19	\$ 856.19
27.00	8	8	Extron	26-490-03	12' VGA/Audio Cable	\$ 319.30	\$ 319.30
28.00	1	1	Panasonic	PV-D4763	DVD/VCR Combo @ Lectern	\$ 355.35	\$ 355.35
29.00	1	1	OFE	OFE	OFE - Satellite System	\$ -	\$ -
30.00	6	6	Sony	SDM-X52	15" Color Monitors Table Mount	\$ 2,665.13	\$ 2,665.13
31.00	1	1	Elmc	9427	Slide In Video Converter	\$ 3,418.31	\$ 3,418.31
32.00						\$ -	\$ -
33.00	1	1	Extron	60-471-01	32 X 16 RGB Switcher With Audio	\$ 25,743.56	\$ 25,743.56
34.00	3	3	Extron	60-442-01	Video to RGB Scalers DVS 204	\$ 5,001.94	\$ 5,001.94
35.00	1	1	Extron	60-312-01	RGB Down Converter to Video	\$ 1,834.69	\$ 1,834.69
36.00	1	1	Extron	60-295-01	RGB DA	\$ 379.81	\$ 379.81
37.00	0	4	Panasonic	AG-DS555	OFE - Playback VTR	\$ -	\$ -
38.00	0	1	Panasonic	Omni Vision	OFE - SVHS VTR	\$ -	\$ -
39.00	0	1	Sony	DSR-25	OFE - Digital VTR	\$ -	\$ -
40.00	0	4	Panasonic	AG-1330	OFE - Super Drive VTR's	\$ -	\$ -
41.00	0	1	Sony	SVO-2000	OFE - SVHS VCR	\$ -	\$ -
42.00	0	1	Sony	PVM-8045Q	8" Color Preview Monitor	\$ 1,402.09	\$ 1,402.09
43.00	0	3	Sony	CCU-M5	OFE - Camera Control Units	\$ -	\$ -
44.00	0	1	Tecktronix	WVR500	OFE - Waveform & Vector Monitor	\$ -	\$ -
45.00	0	1	Letronix	Mini T Pro	OFE - Switcher	\$ -	\$ -
46.00	1	1	Panasonic	WJ-MX70AV	Character Generator	\$ 4,313.13	\$ 4,313.13
47.00	2	2	Extron	60-490-01	RGB Dist Amp 6 Outputs	\$ 1,892.63	\$ 1,892.63
48.00						\$ -	\$ -
49.00			Audio			\$ -	\$ -
50.00	10	10	JBL	Control 26DT	Ceiling Speakers (Tap @ 80W)	\$ 786.79	\$ 786.79
51.00	10	10	Four J	SJM8W	Grill Covers With Mounting Ring	\$ 51.50	\$ 51.50
52.00	2	2	JBL	Control 30	Playback Speakers Left, Right of Rear Projection Screen	\$ 1,096.95	\$ 1,096.95
53.00	2	2	JBL	Control 25	Playback Speakers Left, Right Mid Way Back of Chamber	\$ 216.30	\$ 216.30
54.00	1	1	TOA	P-924MK2	70 V Ceiling Speaker AMP	\$ 737.12	\$ 737.12
55.00	0	1	QSC	CX404	4 Channel Playback Speaker Amp	\$ 1,027.43	\$ 1,027.43
56.00	7	7	Shure	SC487	OFE - Wireless Mic System W/ Antenna Dist.	\$ -	\$ -
57.00	2	2	Clear One	XAP 800	Echo Canceler System	\$ 9,814.61	\$ 9,814.61
58.00	10	10	Bayer Dynamic	SH-M 215D	Goose Neck Mics 9 for Council and Staff and 1 @ Lectern	\$ 2,850.53	\$ 2,850.53
59.00	0	1	Listen	Quote	ADA Hearing System (See Dave for Quote)	\$ 1,523.15	\$ 1,523.15
60.00	0	1	Tascam	202MKTH II	OFE - Cassette Recorder	\$ -	\$ -
61.00	1	1	Sabine	GOX-3102	OFE - Two Channel EQ & Feed Eliminator (For Speech)	\$ -	\$ -
62.00	1	1	Rane	ME 15B	Two Channel EQ (For Program Play Back)	\$ 360.50	\$ 360.50
63.00	2	1	Clear Com	MS-232	Intercom Main Control Station	\$ 987.13	\$ 987.13
64.00	1	2	Clear Com	MR-202	Intercom Stations	\$ 521.18	\$ 521.18
65.00	1	1	Clear Com	HS-6	Intercom Hand Set	\$ 100.55	\$ 100.55

66.00	1	1	Clear Com	CC-26	Intercom Head Set	\$	147.29	\$	147.29
67.00	1	1	Clear Com	GM-1B	18" Gooseneck Mic for MS-232	\$	162.87	\$	162.87
68.00						\$	-	\$	-
69.00			Control			\$	-	\$	-
70.00	1	1	Creston	PRO 2	CPU	\$	2,317.50	\$	2,317.50
71.00	2	2	Creston	TPS 4500	12" Color Touch Panel	\$	8,240.00	\$	8,240.00
72.00	1	1	Creston	ST1700C	Wireless 6" Color Touch Panel	\$	1,673.75	\$	1,673.75
73.00	1	1	Creston	CNRFGWA	Wireless Gateway	\$	321.88	\$	321.88
74.00	5	5	Creston	LC-1000	Brite Touch Panel (For Council Voting & Request to Speak)	\$	2,735.94	\$	2,735.94
75.00	1	1	Creston	ST-VC	Volume Control Card	\$	482.81	\$	482.81
76.00	2	2	Creston	ST-VS	Video Sync Sensor	\$	901.25	\$	901.25
77.00	2	2	Creston	CNPWS-75	Power Supplies	\$	579.38	\$	579.38
78.00	10	10	Creston	CNXIRP	IR Blink Emitters	\$	321.88	\$	321.88
79.00	2	2	Creston	ST-COM	Serial Interface	\$	901.25	\$	901.25
80.00	2	2	Creston	ST-SPL	IR Splitter	\$	128.75	\$	128.75
81.00	1	1	Creston	ONT Block	Network Terminal	\$	109.44	\$	109.44
82.00	2	2	Creston	ST-RMK	Rack Mounts	\$	193.13	\$	193.13
83.00	1	1	Creston	ST-IO	Contact Closure	\$	386.25	\$	386.25
84.00	1	1	Creston	ST-TUNE	AM/FM TV Tuner	\$	740.31	\$	740.31
85.00	1	1	Creston	C2ENET-1	Single Port Ethernet Card	\$	450.63	\$	450.63

Bill of Materials: City of Foster City

Project Title: Council Chambers AV RFP

Applies To These Rooms: Council Chambers

Client

Name: Steve Toler
Company: City of Foster City
Address: 610 Foster City Boulevard
Address:
City/State/Zip: Foster City, CA 94404-

Equipment Price	\$	196,889.18
Engineering Price	\$	7,900.00
Installation Price	\$	54,396.12
Total Labor Price	\$	62,296.12
Overall Cost of System Integration	\$	259,185.29

Total Price w/o taxes	\$	259,185.29
Tax on equipment at 8.25%	\$	16,243.36
Total Price with taxes	\$	275,428.65

Regional Office
 1130 Burnett Avenue - Suite P
 Concord, CA 94520
 925-521-0160
 877-278-8439
 925-521-0167 fax
 www.compvie.com

Registered and Bonded
 Oregon CCB #134110
 Washington COMPVI*015DT
 California C-7 #778555
 Arizona ROC168175
 New Mexico 85846
 Minnesota License # CC01101

Project Number: SF00386
 Account Executive: Jen Cunnean
 Date: 7/03/03 REV 1

Bill of Materials C: City of Foster City

Project Title: Council Chambers AV RFP

Title of system: Miscellaneous For Council Chambers

Client

Name: Steve Toler
 Company: City of Foster City
 Address: 610 Foster City Boulevard
 Address:
 City/State/Zip: Foster City, CA 94404-

Item	Total QTY	QTY per Room	Manufacturer	Model	Description	Price Each	Ext.Price
1.00						\$ -	\$ -
2.00	1	1	CVI	CVI	Cables, connectors and parts	\$ 1,026.34	\$ 1,026.34
3.00	2	2	Broadcast Warehouse	Pro On Air	Pro On Air Lights	\$ 298.13	\$ 298.13
4.00	1	1	OFE	OFE	OFE - ON Air PC Computer Integrated for SCALA	\$ -	\$ -
5.00	1	1	OFE	OFE	OFE- Furniture	\$ -	\$ -
6.00						\$ -	\$ -
7.00						\$ -	\$ -
8.00	8	8	Middle Atlantic	QTFP-2	Quiet Fan	\$ 860.54	\$ 660.54
9.00	2	2	Middle Atlantic	PD-1415C	Power Strips	\$ 171.39	\$ 171.39
10.00	10	10	Middle Atlantic	HTX	Security Screws	\$ 96.56	\$ 96.56
11.00	4	4	Middle Atlantic	Tbit	Star Driver	\$ 32.34	\$ 32.34
12.00	1	1	Middle Atlantic	LBP-1R	Flat Lacing Bars	\$ 32.19	\$ 32.19
13.00	1	1	Middle Atlantic	LBP-1R4	Drop Lacing Bars	\$ 51.50	\$ 51.50
14.00	1	1	Middle Atlantic	RSH-4A	Rack For Panasonic PV-D4762	\$ 97.28	\$ 97.28
15.00	1	1	Middle Atlantic	U2	Shelf For Amp	\$ 35.77	\$ 35.77
16.00	1	1	Chief	JPC-10	9550 Mount	\$ 229.82	\$ 229.82
17.00	1	1	Chief	CMA-110	Ceiling Mount	\$ 32.19	\$ 32.19
18.00	6	6	Winsted	86031	Base Slope Console	\$ 2,444.19	\$ 2,444.19
19.00	6	6	Winsted	85060	Standard Pedestal	\$ 854.39	\$ 854.39
20.00	3	3	Winsted	86003	14" Top Module	\$ 689.46	\$ 689.46
21.00	1	1	Winsted	81803	18" 3 Bay workshelf with 3" pad	\$ 361.40	\$ 361.40
22.00	1	1	Winsted	86121	Side panel for the 86031 (sold in pairs)	\$ 200.98	\$ 200.98
23.00	1	1	Winsted	85123	Side panel for the 14" Top Module (sold in pairs)	\$ 97.34	\$ 97.34
24.00	4	4	Winsted	85040	Center top panel	\$ 162.23	\$ 162.23
25.00	2	2	Winsted	85041	End top panels	\$ 162.23	\$ 162.23
26.00	4	4	Winsted	85321	Utility Drawers	\$ 930.09	\$ 930.09
27.00	1	1	Winsted	82224	18" Deep Shelf Support Brackets (comes in pairs)	\$ 56.78	\$ 56.78
28.00	8	8	Winsted	85782	Castors (come in sets of 4)	\$ 230.72	\$ 230.72

Bill of Materials: City of Foster City

Project Title: Council Chambers AV RFP

Applies To These Rooms: Miscellaneous For Council Chambers

Client

Name: Steve Toler
 Company: City of Foster City
 Address: 610 Foster City Boulevard
 Address:
 City/State/Zip: Foster City, CA 94404-

Equipment Price	\$	8,951.83
Engineering Price	\$	1,800.00
Installation Price	\$	13,311.75
Total Labor Price	\$	15,111.75
Overall Cost of System Integration	\$	24,063.58

Total Price w/o taxes	\$	24,063.58
Tax on equipment at 8.25%	\$	738.53
Total Price with taxes	\$	24,802.11

Regional Office
 1130 Burnett Avenue - Suite P
 Concord, CA 94520
 925-521-0150
 877-278-9439
 925-521-0187 fax
 www.comview.com

Registered and Bonded
 Oregon CCB #134110
 Washington CCOMPV016DT
 California C-7 #779555
 Arizona RCC168175
 New Mexico 85846
 Minnesota License # CC01101

Project Number: SF00366
 Account Executive: Jen Cunneen
 Date: 7/08/03 REV 3

Bill of Materials D:City of Foster City

Project Title: Council Chambers AV RFP

Title of System Board Room

Client Name: Steve Toler
 Company: City of Foster City
 Address: 610 Foster City Boulevard
 Address:
 City/State/Zip: Foster City, CA 94404-

Item	Total QTY	QTY per Room	Manufacturer	Model	Description	Price Each	Ext.Price
1.00	1	1	Tandberg	1125042	Tandberg 2500 portable With NPP (768 Kbps IP)	\$ 15,864.42	\$ 15,864.42
2.00	1	1	Proxima	DP6870	LCD Projector	\$ 4,247.24	\$ 4,247.24
3.00						\$ -	\$ -
4.00						\$ -	\$ -
5.00						\$ -	\$ -
6.00	1	1	CVI	CVI	Cables, connectors and parts	\$ 1,951.92	\$ 1,951.92
7.00			Video			\$ -	\$ -
8.00	1	1	Chief	RPA 990	Projector Mount	\$ 182.44	\$ 182.44
9.00	1	1	Chief	CMA 110	Ceiling Mount	\$ 32.19	\$ 32.19
10.00	1	1	CVI	Custom	Mounting Pole	\$ 64.38	\$ 64.38
11.00	1	1	Panasonic	PV-D4782	DVD/VCR Combo	\$ 355.35	\$ 355.35
12.00	1	1	Extron	60-416-02	Table Interface	\$ 901.25	\$ 901.25
13.00	2	2	Extron	60-295-01	P 2 DA 2	\$ 759.63	\$ 759.63
14.00	3	3	Sony	DXC 950	OFE - Video Production Cameras to REUSE	\$ -	\$ -
15.00	3	3	Fujinon	HWMD-D18	OFE - Video Production Camera Lens to REUSE	\$ -	\$ -
16.00	3	3	Fujinon	CPT- 1A-100	OFE - Video Production Camera Pan Tilt to REUSE	\$ -	\$ -
17.00	3	3	Fujinon	UTB-219A-02A	OFE - Video Production Camera Adapter	\$ -	\$ -
18.00	3	3	Fujinon	CPS-401A-100	OFE - Video Production Camera Power Supplies	\$ -	\$ -
19.00	1	1	Fujinon		OFE - Operation Unit (Camera Control) Re-Use?	\$ -	\$ -
20.00	3	3	Panasonic	WV-BM500	OFE - Camera Monitors	\$ -	\$ -
21.00						\$ -	\$ -
22.00			Audio			\$ -	\$ -
23.00	2	2	JBL	Control 25	Speech and Playback Speakers	\$ 216.30	\$ 216.30
24.00	1	1	Sony	STRDE985/S	Amp/ Receiver	\$ 354.06	\$ 354.06
25.00	1	1	Broadcast Warehouse	Pro On Air	Pro On Air Lights	\$ 148.06	\$ 148.06
26.00						\$ -	\$ -
27.00			Control			\$ -	\$ -
28.00	1	1	Creston	CP2E	CPU	\$ 1,158.75	\$ 1,158.75
29.00	1	1	Creston	TPS 4500	12" Color Touch Panel	\$ 4,120.00	\$ 4,120.00
30.00	1	1	Creston	ST-VC	Volume Control Card	\$ 482.81	\$ 482.81
31.00	1	1	Creston	ST-VS	Video Sync Sensor	\$ 450.63	\$ 450.63
32.00	1	1	Creston	CNPWS-75	Power Supplies	\$ 289.69	\$ 289.69
33.00	3	3	Creston	CNXIRP	IR Blink Emitters	\$ 96.56	\$ 96.56
34.00	2	2	Creston	ST-RMK	Rack Mounts	\$ 193.13	\$ 193.13
35.00	1	1	Creston	ST-Tune	IAMFM TV Tuner	\$ 740.31	\$ 740.31
36.00						\$ -	\$ -
37.00			Rack			\$ -	\$ -
38.00	1	1	Middle Atlantic	RK-12	12 Space Laminated Rack	\$ 95.28	\$ 95.28
39.00	1	1	Middle Atlantic	RSH-4A	Rack For Panasonic PV-D4782	\$ 97.28	\$ 97.28
40.00	1	1	Middle Atlantic	UZ	Shelf For Amp	\$ 35.77	\$ 35.77
41.00	1	1	Middle Atlantic	PD-915R	Power Strip	\$ 65.78	\$ 65.78

Bill of Materials:City of Foster City

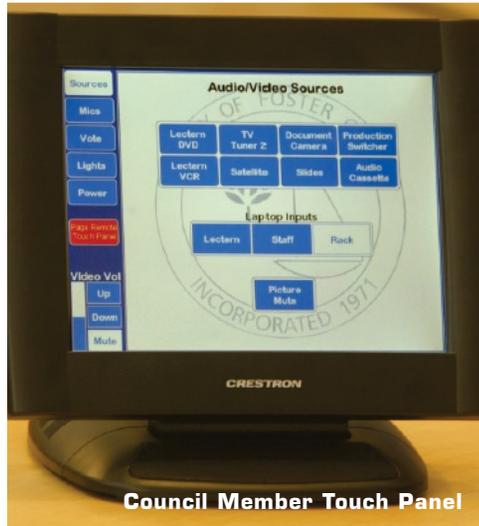
Project Title: Council Chambers AV RFP

Applies To These Rooms: Board Room

Client Name: Steve Toler
 Company: City of Foster City
 Address: 610 Foster City Boulevard
 Address:
 City/State/Zip: Foster City, CA 94404-

Equipment Price	\$	32,903.21
Engineering Price	\$	1,800.00
Installation Price	\$	14,836.58
Total Labor Price	\$	16,636.58
Overall Cost of System Integration	\$	49,539.79
Total Price w/o taxes	\$	49,539.79
Tax on equipment at 8.25%	\$	2,714.51
Total Price with taxes	\$	52,254.30





Council Member Touch Panel



Council Member Touch Panel



Foster City



Control Room



Conference Room



Audio-Visual System Integration Services

FOSTER CITY

BOARDROOM

Display

Proxima DP6870 data/video projector

Videoconferencing

Tandberg 2500 portable
videoconferencing system

Video System

Chief RPA 990 projector mount
Chief CMA 110 ceiling mount
Panasonic PV-D4763 DVD/VCR combo
Extron 60-416-02 table interface
Extron 60-295-01 P 2 DA 2

Audio System

JBL Control 25 speech and playback speakers
Sony STRDE985/S amplifier/ receiver
Broadcast Warehouse Pro On Air lights

Control System

Crestron CP2E CPU
Crestron TPS 4500 12 " color touch panel
Crestron ST-VC volume control card
Crestron ST-VS video sync sensor
Crestron CNPWS-75 power supplies
Crestron CNXIRP IR blink emitters
Crestron ST-RMK rack mounts
Crestron ST-Tune AM/FM TV tuner

COUNCIL CHAMBERS

Display

Proxima DP9500L data/video projector
Proxima O19 wide angle zoom lens

Video System

Da-Lite SN159HDPF1B 7' x 12' rear
projection screen
Sony DXC 990 document camera
Fujinon S16x7.3BWMD-18 document camera lens
Sony CAM-WMBKT document camera ceiling mount
Fujinon UTB-219-02A document camera adapter
Sony DXC 990 video production cameras
Fujinon S16x7.3BWMD-18 video production
camera lens
Panasonic WV-BM500 camera monitors
Extron 60-427-11 VGA /Audio (8)
Panasonic PV-D4763 DVD/VCR combo
Elmo 9427 slide-to-video converter
Extron 60-471-01 32 X 16 RGB switcher with audio
Extron 60-442-01 video to RGB scalers DVS 204
Extron 60-312-01 RGB down converter to video
Extron 60-295-01 RGB DA
Panasonic WJ-MX70AV character generator
Extron 60-490-01 RGB 6 output distribution amp
Sony PVM-8045Q 8" color preview monitor

COUNCIL CHAMBERS

Audio System

JBL Control 26DT ceiling speakers
JBL Control 30 playback speakers (3)
JBL Control 25 playback speakers (3)
TOA P-924MK2 70 volt ceiling speaker amplifier
OSC CX404 4 channel playback speaker amplifier
Clear One XAP 800 echo cancellation system
Bayer Dynamic SHM 215D goose neck
microphones (10)
Listen ADA hearing system
Rane ME15B two channel equalizer
Clear Com MS-232 intercom main control station
Clear Com MR-202 intercom stations
Clear Com HS-6 intercom hand set
Clear Com CC-26 intercom head set
Clear Com GM-18 18" goose neck microphone

Control System

Crestron PRO 2 CPU
Crestron TPS 4500 12 " color touch panel
Crestron ST1700C Wireless 6" color touch panel
Crestron CNRFGWA wireless gateway
Crestron LC-1000 Brite touch panel
Crestron ST-VC volume control card
Crestron ST-VS video sync sensor
Crestron ST-Tune AM/FM TV tuner
Broadcast Warehouse Pro On Air lights

Purchases

AGENDA



Recommendation for Council Action (Purchasing)

Austin City Council	Item ID:	33533	Agenda Number	51.
Meeting Date:	June 12, 2014			
Department:	Purchasing			

Subject

Authorize award, negotiation, and execution of a contract through the STATE OF TEXAS DEPARTMENT OF INFORMATION RESOURCES cooperative purchasing program with THE WHITLOCK GROUP, for the purchase of Audio/Visual equipment and installation services for planned system upgrades at City Hall including the 10-1 renovation project, in an amount not to exceed \$752,500.

Amount and Source of Funding

Funding in the amount of \$465,275 is available in the Fiscal year 2013-2014 Capital Budget of the Building Services Department and funding in the amount of \$287,225 is available in the Fiscal year 2013-2014 Capital Budget of the Communications and Technology Management Department.

Fiscal Note

A fiscal note is attached.

Purchasing Language:	Cooperative Purchase
Prior Council Action:	
For More Information:	Jonathan Harris, Senior Buyer Specialist, 974-1771
Boards and Commission Action:	
Related Items:	
MBE / WBE:	This contract will be awarded in compliance with City Code Chapter 2-9D (Minority-Owned and Women-Owned Business Enterprise Procurement Program). No subcontracting opportunities were identified; therefore, no goals were established for this contract.

Additional Backup Information

Renovation of City Hall to accommodate the 10-1 districting plan is underway and includes facility reconstruction as well as upgrading existing Audio/Visual (A/V) and broadcast technology in the areas undergoing renovation. The A/V upgrade is a separate, but integral part of the City Hall renovations which have been outlined in three (3) memorandums to Mayor and City Council dated August 8, 2013, November 8, 2013, and March 24, 2014. The renovations at City Hall provide an excellent opportunity to install these upgrades during a time when there will be minimal disruption to the City Council in conducting the City's business.

The Audio/Visual system at City Hall provides video and audio broadcasts and recordings of all public meetings at City Hall and allows for presentations, live music and other activities. The current analog system was built in 2004 and is outdated and inefficient for today's needs. The new A/V system will provide high definition digital audio and video broadcasts and recordings, enhanced centralized control over media content, and several types of content delivery methods.

This agreement will replace obsolete components, upgrade some existing audio/visual systems, and install new systems in the Council Chambers, Executive Session Conference Room, the Boards and Commissions Room, Council Member office suites, and four (4) new conference rooms. The contract requires all work to be completed by September 30, 2014. This technology purchase was separated from the renovation contract for construction to select the best offer by qualification and price, and expedite procurement to ensure technology installation completion by the due date. To ensure competition, proposals were requested from several vendors from a Cooperative Agreement and evaluated and scored by staff.

STAFF REPORT

Meeting Date: August 13, 2013

Agenda Item #8I

Agency: City of Belmont
Staff Contact: Bill Mitchell, Information Services Director, bmittchell@belmont.gov
Agenda Title: RESOLUTION OF THE CITY COUNCIL AUTHORIZING A PURCHASE ORDER TO CORE MICROSYSTEMS NOT TO EXCEED \$8,954.93 TO REPLACE AUDIO VISUAL EQUIPMENT HOUSED IN THE COUNCIL CHAMBERS.
Agenda Action: Resolution

Recommendation

It is recommended to authorize the City Manager to execute the purchase order for audio visual equipment.

Background

In 2004, a contract was awarded to VMI Inc. for installation of basic audio visual equipment in the Council Chambers. One component of this equipment, a tricaster, has reached end-of-life and can no longer be supported under warranty.

Analysis

To ensure a streamlined, efficient, and above all, reliable process for delivering video content Information Services is recommending the purchase of a replacement tricaster. A tricaster, also known as a “studio in a box”, allows for the simultaneous production, broadcast, and recording of high or standard definition video. A single operator can switch between multiple cameras, virtual inputs and live virtual sets, while inserting clips, titles and motion graphics.

Staff collected quotes from three vendors, Core Microsystems, Safe Harbor and Virtualsets.com. The prices, with the exception of tax, were identical. Staff selected Core Microsystems based on their local presence and reference check.

Alternatives

1. Deny recommendation
2. Refer back to staff for more information and/or alternative options.

Attachments

- A. Resolution
- B. Quote

Fiscal Impact

- No Impact/Not Applicable
 Funding Source Confirmed: Account 312-1-303-9040

Source:

- Council
- Staff
- Citizen Initiated
- Other*

Purpose:

- Statutory/Contractual Requirement
- Council Vision/Priority
- Discretionary Action
- Plan Implementation*

Public Outreach:

- Posting of Agenda
- Other*

* Comcast PEF Capital fund for support, maintenance or replacement of equipment needed for broadcasting.

RESOLUTION NO. 2013-

**A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF BELMONT
AUTHORIZING A PURCHASE ORDER TO CORE MICROSYSTEMS NOT TO
EXCEED \$8,954.93 TO REPLACE AUDIO VISUAL EQUIPMENT.**

WHEREAS, the City's Comcast PEG agreement provides funds for the support, maintenance and equipment replacement for broadcasting; and,

WHEREAS, the replacement of a tricastor is warranted at this time;

NOW, THEREFORE, the City Council of the City of Belmont resolves as follows:

SECTION 1. The City Manager is authorized to execute a purchase order for audio visual equipment from Core Microsystems for an amount not to exceed \$8,954.93

* * *

ADOPTED August 13, 2013, by the City of Belmont City Council by the following vote:

Ayes:

Noes:

Absent:

Abstain:

ATTEST:

City Clerk

Mayor

APPROVED AS TO FORM:

City Attorney



4039 Clipper Court. Fremont, CA 94538
 tel 510-687-1234 fax 510-687-1188
 www.coremicro.com sales@coremicro.com

Quotation

Date: 7/23/2013
 Quote #: 20083

All Quotes are valid for 30 days after quote submission.

Quotation Provided To

Ship To

DSX Productions
 Doug Smith

Customer Phone: 650-464-7492
 Purchase Order Number:
 FOB:
 Sales Rep: KD
 Terms:

Quantity	Description	Price	Total
1	NewTek TriCaster 40 v2	5,995.00	5,995.00T
1	NewTek TriCaster 40 CS	1,995.00	1,995.00T
1	FREE Acer G215HVAbd 21.5" Full HD Monitor	0.00	0.00T
1	CA State Electronic Waste Recycling Fee	4.00	4.00
6	Premium SVHS 4 Pin to 2 BNC Breakout Cable - 6 Inch	18.99	113.94T
6	S-Video 4-Pin Female to Female Inline Barrel	4.99	29.94T
1	Shipping	85.00	85.00

\$45 Handling Fee - On Returned Checks. A 2.5% Monthly Finance Charge on Past Due Account.

Subtotal \$8,222.88

Sales Tax (9.0%) \$732.05

Total \$8,954.93

All prices quoted by Core are based on U.S. dollars FOB shipping point and are subject to change. Systems manufactured by Core include 90 days technical support and a one-year labor and one-year parts warranty. Unless otherwise agreed in advance, full payment must be received by Core prior to the delivery. Changes or cancellations to orders may result in a 25% restocking fee. Software and peripherals are non-refundable. For complete information on Core warranty and service programs, please visit www.coremicro.com

www.coremicro.com

REQUEST FOR PROPOSAL
RFP#10-1014
Audio/Visual System for Justice Center Public Safety Facility
Catawba County, Newton, North Carolina

Catawba County, North Carolina (Owner) is seeking proposals from qualified AV contractors to furnish and install all AV equipment required to support a turnkey system for the Justice Center Public Safety Facility. The AV Contractor is responsible for supervision and technical labor, material, equipment, and all appurtenances necessary to provide a complete and operational audiovisual system including but not limited to the following systems; video display and routing systems, IP television distribution, audio systems and equipment, collaboration software and remote control system, to meet the requirements of the Owner.

Bid documents can be found at www.catawbacountync.gov/purchase/. Drawings will be forwarded via Drop Box upon request.

In recognition of the complex and innovative nature of information technology goods and services and of the desirability of a single point of responsibility for contracts that include combinations of purchase of goods, design, installation, training, operation, maintenance, and related services, a political subdivision of the State may contract for information technology, as defined in G.S. 147-33.81(2), using the procedure set forth in this section, in addition to or instead of any other procedure available under North Carolina.

Proposal deadline will be at 2:00 p.m., July 14, 2016. No late bids will be accepted for any circumstance. Bid Submissions must be in sealed envelopes clearly identifying the title. An electronic version of the bid is also required (submit one hard copy and one on CD or flash drive).

Catawba County reserves the right to accept or reject any or all bids and proposals and further specifically reserves the right to make the awards in the best interest of the County.

A 100% performance and payment bond will be required by the successful AV contractor.

The Owner will hold a **Mandatory** Pre-Proposal Conference at the Justice Center construction Meeting Room, 100B South West Blvd, Newton NC in the 10:00am, Day, June 15, 2016. All attending should enter from Highway 321 Business, come to the entrance past the Sheriff Department, once you go through security, turn to the right (will see a vending area), there will be a wooden wall with a white door. The pre-proposal conference is mandatory for all AV contractors wishing to submit bids. All in attendance will be allowed to walk through the construction site; wear closed toe shoes and bring a hard hat (a limited number of hard hats can be provided).

Questions and clarifications to the RFP will be addressed at the Pre-Proposal meeting. Questions prior to the Pre-Proposal meeting may be submitted via email to Debbie

Anderson at danderson@catawbacountync.gov by 5:00 p.m., July 5, 2016. All questions and responses will be posted in an addendum on the Owner's website.

Debbie Anderson, CLGPO
Purchasing Manager



REQUEST FOR PROPOSAL

RFP #10-1014

**Audio/Visual Systems for
Justice Center/Public Safety
Expansion**

Bids Due: 2:00 p.m., July 14, 2016

RFP 16-1014 Justice Center Public Safety Audio Visual Systems

Catawba County, North Carolina (Owner) is seeking proposals from qualified AV contractors to furnish and install all AV equipment required to support a turnkey system for the Justice Center Public Safety Facility. The AV Contractor is responsible for supervision and technical labor, material, equipment, and all appurtenances necessary to provide a complete and operational audiovisual system including but not limited to the following systems; video display and routing systems, IP television distribution, audio systems and equipment, collaboration software and remote control system, to meet the requirements of the Owner.

Proposal deadline will be at 2:00 p.m., July 14, 2016. No late bids will be accepted for any circumstance. Bid Submissions must be in sealed envelopes clearly identifying the title. An electronic version of the bid is also required (submit one hard copy and one on CD or flash drive).

Late proposals will not be considered. All proposals must be signed by an authorized representative of your organization. Faxed or emailed proposals will not be considered

Mail proposals to: Catawba County
 Purchasing Office
 Attention: Debbie Anderson
 PO Box 389 (mailing address)
 100A South West Blvd (physical address)
 Newton, NC 28658
 Ref: RFP 10-1014

Catawba County reserves the right to accept or reject any or all bids and proposals and further specifically reserves the right to make the awards in the best interest of the County.

A 100% performance and payment bond will be required by the successful AV contractor.

The Owner will hold a **Mandatory** Pre-Proposal Conference at the Justice Center construction Meeting Room, 100B South West Blvd, Newton NC in the 10:00am, Day, June 15, 2016. All attending should enter from Highway 321 Business, come to the entrance past the Sheriff Department, once you go through security, turn to the right (will see a vending area), there will be a wooden wall with a white door. The pre-proposal conference is mandatory for all AV contractors wishing to submit bids. All in attendance will be allowed to walk through the construction site; wear closed toe shoes and bring a hard hat (a limited number of hard hats can be provided).

Questions and clarifications to the RFP will be addressed at the Pre-Proposal meeting. Questions prior to the Pre-Proposal meeting may be submitted via email to Debbie Anderson at danderson@catawbacountync.gov by 5:00 p.m., July 5, 2016. All questions and responses will be posted in an addendum on the Owner's website.

SECTION I – BACKGROUND AND GENERAL INFORMATION

A. PROJECT OVERVIEW

The Catawba County Justice Center is currently being expanded with the addition of a new South, North, and Center sections to the facility called the Justice Center/Public Safety Expansion (JCPS). The scheduled construction completion date is April 2017.

Work covered by this RFP shall consist of furnishing and installing of all AV equipment required to support a turnkey system. The AV contractor is responsible for supervision and technical labor, material, equipment, and all appurtenances necessary to provide a complete and operational audiovisual system including but not limited to the following systems; video display and routing systems, IP television distribution, audio systems and equipment, remote control system, to meet the requirements of the Owner. The work shall include but not be limited to the following:

- Add as necessary or unavailable installation of all conduits; pull cords, cable tray, and other raceway and infrastructure as required accommodating the audiovisual system cabling. (Coordinate with General Contractor prior to installation.)
- Furnish and install all cabling and terminations required for the audiovisual systems.
- Provide all software, configuration, programming, start-up and commissioning of the audiovisual systems.
- Furnish and install all audiovisual devices, i.e., video displays, projectors, screens, video switching, processing and routing equipment, video codecs and cameras, interfaces, loudspeakers, microphones, DSP's and amplification equipment, integrated control system and touch screen controllers, power supplies, surge protection, etc.
- As this is a new facility the AV contractor and contractor shall be responsible for proper coordination of raceways, power, equipment, etc. that will require a complete and operational system.
- All network switches, routers, wireless network links, and related network equipment shall be provided and installed by the Owner. The AV contractor and Contractor shall coordinate all audiovisual network requirements with Catawba County.
- The Owner has standardized on Crestron Systems for their integrated control system and touch screen control panels.
- The Owner's audiovisual systems are administered by Catawba County Information Technology Department. Therefore it is a requirement of this project that the Audiovisual Integrator shall closely coordinate activities with the IT Department and it's Operations Staff that will maintain these systems.

AV contractor will be held accountable to provide all materials shown on the drawing package received with this RFP as well as any addenda provided during the bid process. All of the necessary information to complete the bid is reflected in the total bid package (RFP, Specifications, and Drawings). Drawings will be forwarded to all participating AV contractors via a DropBox file. E-mail danderson@catawbacountync.gov to receive the Drop Box file .

AV contractors are responsible to consolidate all requirements and provide a complete turnkey package for evaluation.

SECTION II – SCOPE OF WORK

A. Justice Center

The expansion of the Catawba County Justice Center will include the build out of five (5) additional courtrooms, Judges Chambers and meeting rooms. Each of these new areas will provide state of the art audiovisual system supporting courtroom operations. To assist with the ease of use, each courtroom has been comparably configured to provide the necessary elements supporting courtroom activities.

The AV Vendor will procure; install and support an audio system in each courtroom allowing judges to control volumes in the courtroom, Juvenile interview room, and Family rooms associated with each courtroom. The AV Vendor will provide and configure microphones will be provided as shown ensuring muting and volumes capabilities are integrated into the overall AV system. Audio systems for the room will consist of ceiling and in-wall loudspeakers, amplifiers, DSP, and microphone mixers for sound and voice reinforcement. Microphones for voice reinforcement shall be table/lectern mounted as well as wireless handheld and lavalier types. An assisted listening system shall also be provided with IR transmitters and receivers for audience ADA participation.

Inputs/Outputs: • PC audio for line level audio inputs in floor boxes • Wired and wireless microphones for voice reinforcement. • Assisted Listening System • IPTV decoder • TV Tuner

The AV Vendor will procure, install, and maintain video systems as depicted in the design documents. Podiums will be provided by the County to support installation of DVD/Blue Ray players, Elmo document camera, and document annotators as specified in the design documents. Video controls will be provided at the judge's bench, allowing the judge to

preview and control the display of information at locations throughout the courtroom to include the large display behind the witness, witness stand display and clerk of court display. Controls for each position will be provided through a small form factor PC and 24" monitor as well as iPad Apps.

B. Lobbies and Meeting Rooms

Digital signage will be provided in each central lobby to facilitate dissemination of information related to facilities and courtroom operations. Digital signage applications provided by the AV Vendor all allow for the import of Microsoft documents (e.g. Word, PowerPoint, Excel, etc) providing for easy import of court docket information. Large meeting rooms will be configured as designed allowing each room to be used as necessary to expand courtroom operations allowing video and audio feeds to be viewed and controlled by the respective courtroom's judge.

C. Intercom Systems

The Catawba County Justice Center and Public Safety will be outfitted with an IP based intercom system. The AV Vendor will procure and install IP based speakers as shown throughout the facility allowing the County IT personnel to connect, configure, and create zones for intercom usage. The AV Vendor WILL NOT be required to configure or integrate these speakers.

D. Emergency Operations Center (EOC)

The Emergency Operations Center (EOC) will be the County's central command and control facility responsible for carrying out the principles of emergency preparedness and emergency management, and disaster management functions at a strategic level in case of any emergency situations, and ensuring the continuity of operation of response by the various County Departments such as , law enforcement, fire, rescue, emergency medical services and public utilities and any other local, state or federal government agency. When activated, the EOC may operate around the clock 24 hours a day 7 days per week for a given period of time. The EOC consists of many different types of rooms to support its operations, most requiring multiple A/V systems. Rooms requiring A/V systems for this System include:

EOC Operations Room

- Video Display Systems. The primary video display will be an arrangement of 55" ultra-thin bezel LED-LCD displays in a two (2) high by three (3) wide matrix along the west

wall. In the EOC, a 55" wall mounted large format LCD display shall also be provided. All video is anticipated to be capable of copyright protection compliance (HDCP) for high definition use of copyright protected content. The entire system shall have video capability up to either WUXGA or 1080p/60 (depending on the exact aspect ratio of the output source). It is anticipated to use HDMI as the standard with other inputs (RGBHV/HD15, HDMI, Ethernet) with converters or dongles needed for a complete system.

- EOC Operations – Multiple 65" wall mounted large format LCD displays shall be provided around this room. 65" LCD's shall be mounted on each wall as shown in the drawing package capable of displaying content from multiple input sources. A lectern shall be provided by the Owner nearby for room presentations. Located at the lectern will be PC video/audio inputs, annotation device, document camera, microphone, and a control touch screen.

- Audio Systems Audio systems for the room will consist of ceiling and in-wall loudspeakers, amplifiers, DSP, and microphone mixers for sound and voice reinforcement. Microphones for voice reinforcement shall be table/lectern mounted as well as wireless handheld and lavalier types. An assisted listening system shall also be provided with IR transmitters and receivers for audience ADA participation.
Inputs/Outputs: • PC audio for line level audio inputs in floor boxes • Wired and wireless microphones for voice reinforcement. • Assisted Listening System • IPTV decoder • TV Tuner

- Breakout Rooms (3)- Each room will have a minimum of one (1) 65" large format LCD display capable of displaying content from multiple input sources

- The Press Room shall host meetings with staff along with media and public officials to discuss and review various events. Several A/V multimedia systems will be required for this room for presentations and media function. Video from each event or meeting shall have the capability to be sent to other conference rooms within the EOC. A lectern will be provided for the Press Room presenter to address the audience and have the ability to control all the audiovisual devices. Located at the lectern will be PC video/audio inputs, annotation device, document camera, microphone, and a control touch screen.

- Video Display Systems. The primary video display will be a projector based system consisting of one (1) ceiling recessed motorized projection screen, tab-tensioned with a

16:10 aspect ratio, located along the east wall. High resolution projector mounted in ceiling shall also be provided to project all video graphics. Additional supplemental 65" wall mounted large format LCD display shall be provided along the wall to serve as a video monitor. In-wall high resolution production quality cameras shall be placed around the room to capture and record meetings. All video is anticipated to be capable of copyright protection compliance (HDCP) for high definition use of copyright protected content. The entire system shall have video capability up to either WUXGA or 1080p/60 (depending on the exact aspect ratio of the output source). It is anticipated to use HDMI as the standard with other inputs (RGBHV/HD15, DVI, Ethernet) with converters needed for a complete system. Inputs/outputs: • Video inputs for PC's in combination power/AV floor boxes or wall boxes. • Video inputs shall be provided at the lectern. • IPTV encoders/decoder • TV Tuners.

- Audio Systems Audio systems for the Press Room will consist of ceiling and in-wall loudspeakers, amplifiers, DSP, and microphone mixers for sound and voice reinforcement. Microphones for voice reinforcement shall be table/lectern mounted as well as wireless handheld and lavalier types. An assisted listening system shall also be provided with IR transmitters and receivers for audience ADA participation. Inputs/Outputs: • PC audio for line level audio inputs in floor boxes • Wired and wireless microphones for voice reinforcement. • Assisted Listening System • IPTV decoder • TV Tuner
- Control Systems - Owner provided iPad hand held devices running Crestron control software is preferred control system manufacturer. Wired touch panels shall be provided in the locations shown on the drawings to control all video, audio, and lighting. Preference will be given to hardwired controls with IR control used only if there is no other option. The control system shall have capability of full video viewing of preview and program. Sequencing power strips within the A/V racks will provide proper start-up sequence for equipment.
- EOC Coordinator, Director, Fire Marshall, and Deputy, EMS Manager and EMS Training Officer Video Display Systems.
 - The primary video display will be an arrangement of 55" ultra-thin bezel LED-LCD displays wall mounted large format LCD displays shall also be provided. All video is anticipated to be capable of copyright protection compliance (HDCP) for high definition use of copyright protected content. The entire system shall have video

capability up to either WUXGA or 1080p/60 (depending on the exact aspect ratio of the output source). It is anticipated to use HDMI as the standard with other inputs (RGBHV/HD15, HDMI, Ethernet) with converters or dongles needed for a complete system capable of displaying content from multiple input sources. Audio Systems. Audio systems will consist of in-wall loudspeakers and amplifiers for program audio. Inputs/Outputs: • PC audio for line level audio inputs in wall boxes • IPTV decoder • TV Tuner

- Control Systems Crestron is preferred control system manufacturer. Wired touch panels shall be provided in the locations shown on the drawings to control all video, audio, and lighting. Preference will be given to hardwired controls with IR control used only if there is no other option. The control system shall have capability of full video viewing of preview and program. Sequencing power strips within the A/V racks will provide proper start-up sequence for equipment.
- Audio Systems Audio systems for the EOC rooms will vary. Most rooms will consist of ceiling and in-wall loudspeakers and amplifiers for sound reinforcement. The Press Room and EOC Operations will require wireless microphones, gooseneck microphone at the lectern and DSP's and microphone mixers. Inputs/Outputs: • PC audio for line level audio inputs in floor boxes. • Wired and wireless microphones for voice. • IPTV decoders • TV Tuners • Zoned loudspeaker cluster as required.

E. Emergency Call Center

- The ECC will host control room dispatch operators taking calls from members of the public in need of assistance through the 911 emergency number. This can be police, fire and ambulance or similar, or all of the above in the same building depending on the situation. The ECC operates 24 hours a day, 7 days a week. The ECC must have the capability to view building surveillance video, weather data and IPTV. Two supervisor positions are planned for the new ECC Operations Floor. Below is a summary of the major A/V system need for this space.
- Video Display Systems. This room shall include multiple 65" LCD displays as shown on the drawings located around the perimeter of the room. All video is anticipated to be capable of copyright protection compliance (HDCP) for high definition use of copyright protected content. The entire system shall have video capability up to either WUXGA or 1080p/60 (depending on the exact aspect ratio of the output source). It is anticipated to use HDMI as the standard with other inputs

(RGBHV/HD15, DVI, Ethernet) with converters needed for a complete system.

- ECC Operations – Multiple 65” wall mounted large format LCD displays shall be provided around this room. 65” LCD’s shall be mounted on the wall as shown in the drawing package capable of displaying content from multiple input sources.
- Control Systems Crestron is preferred control system manufacturer. Wired touch panels shall be provided in the locations shown on the drawings to control all video, audio, and lighting. Preference will be given to hardwired controls with IR control used only if there is no other option. The control system shall have capability of full video viewing of preview and program. Sequencing power strips within the A/V racks will provide proper start-up sequence for equipment.

Second Floor Meeting Room (Commissioner Board Room) - Video Display Systems.

- This room shall include one (1) 90” LCD display at the front of the room for video playback. All video is anticipated to be capable of copyright protection compliance (HDCP) for high definition use of copyright protected content. The entire system shall have video capability up to either WUXGA or 1080p/60(depending on the exact aspect ratio of the output source). It is anticipated to use HDMI as the standard with other inputs (RGBHV/HD15, DVI, Ethernet) with converters needed for a complete system.
- Inputs/outputs:
 - Video inputs for PC’s in combination power/AV floor boxes and or wall boxes.
 - Video Teleconferencing Codec and camera
 - IPTV decoder
 - TV Tuner

Audio Systems Audio systems for this room will consist of ceiling and in-wall loudspeakers and amplifiers for sound and voice reinforcement. Microphones, amplifier, DSP and microphone mixers shall be provided. Inputs/Outputs: • PC audio for line level audio inputs in floor boxes. • Wired microphones for voice • IPTV decoder • TV Tuner • Zoned loudspeaker cluster as required

Control Systems Crestron is preferred control system manufacturer. Wired touch panels shall be provided in the locations shown on the drawings to control all video, audio, and lighting. Preference will be given to hardwired controls with IR control used only if there is no other option. The control system shall have capability of full video viewing of preview and program. Sequencing power strips within the A/V racks will provide proper start-up sequence for equipment. 1st Floor Expandable Meeting Room(s) the envisioned audio-visual system shall be based upon the Barco/CMS control and switching system. This system makes use of software with highly reliable Hewlett Packard servers to route any video input to any video output or multiple video outputs. Additionally, this system provides a single point of control or multiple control points, which can provide different layers of access to the video/audio streams.

System specific equipment and the corresponding equipment specification and minimum requirements are listed below. Under no circumstance shall any equipment listed be replaced or substituted with a different brand/model without the prior written consent of the Owner Project Manager or designated individual.

Visualization and Data Collaboration (VDC) System Solution

The following Visualization and Data Collaboration environment features have been determined to be necessary for the functionality, reliability and security required for the Owner and shall be furnished and installed as specified herein:

- A. The Visualization & Data Collaboration solution shall have the ability to push and pull sources via mobile devices such as Android and Apple platform devices and place them on displays linked into the visualization solution.
- B. The VDC System shall have the capability to create desktop displays of content showing no less than nine different sources of content and then share that content with other desktop displays within the organization. Each desktop display shall be able to select to share or not share any of the sources on their desktop.
- C. The VDC system shall be comprised of true COTS* hardware components integrated using proven software based platform.
 - i. COTS* is defined as a major brand component commercially available from a manufacturer, other than the system supplier. (*Commercially Available Off the Shelf)
- D. The software , video processors, and control system shall:
 - i. Be windows based
 - ii. Shall have integrated device control i.e. Turn on/off devices, switch inputs, turn on/off lights, change channels, manage VTC suites. Hardware based touch screen controllers that cannot be freely changed, managed, configured,

and expanded upon directly by the end user without the need for a dealer is not acceptable.

- iii. Shall not have any reoccurring license fees
- E. The various systems that comprise the Visualization & Data Collaboration Environment include: multiple locations communicating with all operator consoles and enabled external workstations are to provide a complete and integrated collaborative interface and shall include all other media, user interfaces, and equipment as specified herein.

The VDC solution shall be a proven network centric software based system, field installed using COTS* commercial off the shelf hardware. The integrator shall have more than 5 such installations currently operating of which should be in federal, defense, homeland security and or infrastructure monitoring applications (*on a Federal, State and or local level.*) All equipment and labor shall be furnished and installed by the same AV contractor to ensure compatibility and quality assurance of the overall system

- F. All hardware components shall be manufacturer branded commercial-off-the-shelf (COTS*) products. Servers shall be latest generation, major brand, standard, commercially available models with manufacturer-direct support available. Acceptable brands would be HP, Dell, IBM, Super Micro, and Chassis Plans. Servers shall support an *open architecture of messaging and alerting*, such as SNMP or NNP to monitor and alert network administrators of the health and status of failed components such as network interfaces, hard drives and power supplies.
- G. All servers, video processors, shall be loaded with and operate from Windows server 2003 or 2008, 2010 operating system that have been configured using the latest most current disk utility release.
- H. The system shall currently possess the ability to self monitor and provide external alerts via Email and other forms of messaging.
- I. Users shall have the ability to view and control all permitted applications from any true network connected location.
- J. Permissions shall be User Defined by login with customizable functions, GUI and permissions by user or user group to allow separate view and control parameters to be set. The user interface shall be user definable per user or user group without the need for compiling of source code.
- K. The system shall have Zone Control to limit the operator's control to a specific area of the wall display.
- L. The system shall have Access Control so that an individual's or Group's access and control can be defined by user login.
- M. The system shall have the capability to size, display and control any number of sources, any common operating systems, with full keyboard and mouse control, without resolution limit, up to the full combined screen resolution.

- N. The system shall allow for the saving of wall states/views and their instant recall, manually or externally triggered. These presets or layouts shall be able to be recalled by any user based on their login permission. Multiple View screens shall be available simultaneously and available with a single mouse click.
- O. The system shall be completely user programmable, so that no third party programming resources are required. Any programming or configuration changes shall be immediate without the need for compiling of source code. This shall include the ability to create, modify and / or redesign custom GUIs, including labels and functionality.
- P. Source Labeling shall be included, i.e. a custom label functionality for sources that provides easy identification.
- Q. The system shall have the ability to Crop and Zoom source images. These image manipulation features shall be available for any source.
- R. Network Isolation Compatibility – System architecture shall allow for safe viewing and control of sources from multiple secure networks
- S. Unlimited Access Points – It shall be possible to add any number of access points to the systems, running on any types of Windows compatible devices including operator’s desktop, touch screen, tablet PC, micro PCs, or large scale LCD panels or display walls (e.g. where the panel or wall is touch-screen capable allowing direct user interaction.)
- T. Access points shall include a simple, fully user configurable, entirely scalable tool bar allowing access to all system functionality and including a scalable virtual keyboard, to allow direct mouse or touch screen operation on any size and any resolution display or display matrix, driven by any computer running under Windows.
- U. Content windows shall have optional integrated toolbars to allow direct content control and other functionality including crop and zoom, scaling and blending.
- V. A fully integrated web browser shall allow direct web page access, display, fully integrated store and recall, plus the import of favorites from Internet Explorer and Firefox. Said integrated browser shall be capable of displaying web pages free of standard browser toolbars and other visual overhead.
- W. Source computers, defined as computers that are to be displayed on any given display area shall not be limited by resolution. The solution shall be able to transport and display as a continuous window on the display area multi-screen desktops without the need for external scalers or processors.
- X. Software based KVM capability – System shall provide full support for multi-screen desktop displays, allowing multiple source /OS display and control from any authorized, network connected operator workstation. No additional hardware or third-party software shall be required to accomplish this functionality, only a network connection.

- Y. Quick Launch Sources – It shall be possible to instantly launch and display Word, Excel, PowerPoint, Project and AutoCAD files and JPEG, MPEG and other media files, by simply ‘dragging’ them from the Windows desktop, My computer or Windows explorer onto the Wall Management GUI i.e. access point, without the need to pre register or otherwise prepare the file or the system.
- i. The Solution shall have an embedded OPC server for integration with building automation systems and industrial process controls.
 - ii. System shall have alert messaging that alerts operators manually or via automated triggers.
 - iii. The solution shall have an SDK to allow broad integration with third party applications, the SDK shall be provided to the end user and to third parties at no additional charge.
 - iv. The solution shall allow a broad range of device control including cameras, video source devices, TV tuners, satellite and cable boxes, sound, lighting, and other audio/video and mechanical devices and be capable of being programmed for new devices.
 - v. The Solution shall continuously monitor and report the status of the recommended DLP displays for health and status.
 - vi. The selected solution shall have a proven track record with at least 5 years in continuous operation and a minimum of 50 currently active display wall installations, using the specifically proposed technology and software.
 - vii. The selected systems integrator shall have demonstrated successful past performance by installing at least 5 control rooms in operation, and have demonstrated successful completion of multiple systems equal to or greater in contract value and complexity.
 - viii. Additional consideration shall be given to those with greater proven performance numbers in terms of systems installed, value and complexity.
 - ix. The solution shall have an open and integrated capability to manipulate via software Pan, Tilt, Zoom (PTZ) camera control without the need for third party standalone application. The solution shall have an open and integrated capability via software to interface with IP Digital Video Recorder/ Servers, and Digital Video Recorders to enable very broad compatibility with IP video cameras and encoders. The IP decoding solution shall not require an analog output. The solution should be able to communicate directly to an IP camera or to the Network Digital Video Recorder via IP communications for decoding and rendering of a camera feed. Solution shall work with the County’s Ocularis 5.1SP (1) system.
 - x. The solution shall have an open and integrated web browser with the ability to save a web page as a source. The web browser shall be directly linked to individual Windows Operating System (OS) login profile. In this fashion the web browser shall be able to display the list of favorites that is associated with the individual’s favorite list, e.g. in Internet Explorer or Firefox.

SECTION III – INSTALLATION REQUIREMENTS

A. STANDARD PRODUCTS

All primary equipment, subsystems, components, wire, cable and accessory hardware shall be new and unused products of a recognized manufacturer regularly engaged in the production of such equipment and materials. AV contractor shall only supply manufacturer’s newest and latest equipment and materials. Refurbished or gray-market equipment will not be acceptable. Like systems and equipment shall be from the same AV contractor. AV contractor will provide specification sheets for all components.

Successful AV contractor will provide training for at least three (3) County staff on the use of the entire system. Training must be provided to the Owner’s satisfaction.

B. MAINTENANCE AND SUPPORT PRICING

Service Contract: Submit the costs for a one-year service contract, commencing with the completion of the one-year warranty. These contracts shall be fixed-cost, and can be accepted at the option of the Owner. Each contract shall include the following services:

Provide a total of eight (8) one-day visits per year, or a total of sixty-four (64) engineering/ service labor hours to conduct preventive maintenance and the Owner directed system adjustments. Each visit will include cleaning video and audio heads, checking and replacing projection lamps and indicators, checking and repairing microphones and microphone cables, and conducting subjective and objective tests of the audio, video, and control systems of the installed audiovisual systems. The Repair and/or adjust any malfunctioning components located by the technician during this testing. Include control system programming updates and modifications as part of this service contract, providing an updated editable copy of the source code. Provide a service telephone number, staffed by a qualified technician familiar with the equipment installed by the AV contractor in the Owner Facility. Staff this number during normal business hours. Respond with an on-site technician within 24-hours of a service call (including Saturdays and Sundays) for all equipment and system failures. There shall be no cost to the Owner for maintenance performed under these service contracts beyond the fixed cost of the contracts. Include under normal service contract visits, updates to both control and video wall system programming acceptance, or within one (1) year of acceptance.

C. POWER REQUIREMENTS

System commercial power requirements for equipment must be indicated in the proposal so that adequate power is available at those locations called for by the AV contractor.

D. ENVIRONMENTAL REQUIREMENTS

For any equipment proposed for installation within Owner facilities, both intermittent and continuous operating temperature ranges, allowable humidity limits, and all other requirements for the equipment must be detailed in the proposal to ensure that these requirements are acceptable. This must include the manufacturer's recommended continuous ambient temperature range.

E. INSTALLATION

All installation work shall be in accordance with, but not limited to, this specification and drawings. Work practices shall be performed in accordance with applicable standards, requirements, and recommendations of Federal and Local authorities having jurisdiction.

All discrepancies discovered and any discrepancies which are apparent at the date of submission of bids, shall be immediately corrected without additional charge to the Owner.

Clearly label all user controls for intended use and nominal setting. These labels shall be engraved and filled, or equal. Accessible controls that should not be changed (audio equalizer settings, etc.) shall be covered.

NOTE: "Dymo" labels are not acceptable.

All equipment to be rack mounted shall be supplied with the appropriate rack mount kits. Each podium and rack enclosure to have a single button on/off power distribution panel to include pull out lights and LED voltage indicator (Furman PL-Pro D II or equal) located in the first available rack unit. All equipment racks to include removable, locking front doors and a 30-minute uninterruptable power supply (rack mount or free-standing at bottom of rack). Each podium or equipment rack shall include a 4 inch diameter, low-noise fan. All rack and podium shall include "security type" screws to secure rack-mounted components.

Physical Installation:

Provide plate as shown. Plate to occupy first available rack unit in all AV equipment racks. If more than two (2) racks are positioned together, one (1) plate for every two racks is acceptable.

Product: Liberty Cable #23123

All equipment shall be firmly secured in place unless requirements of portability dictate otherwise. Unless granted specific permission by the Customer Project Manager or Contracting Officer, install and secure all boxes, equipment, etc., plumb and square.

Fastenings, mounting brackets and supports shall be adequate to support their loads with a safety factor of at least three (3) A safety chain or cable will be tied to all equipment

suspended from above in the installation of equipment and cable, consideration shall be given not only to operational efficiency, but also to overall aesthetic factors.

AUDIOVISUAL CABLE INSTALLATION

General: Because of the great number of possible variations in grounding systems, follow good engineering practice, as outlined above, and to deviate from these practices only when necessary to minimize crosstalk and to maximize signal-to-noise ratios in the audio, video, and control systems. Inform the Contractor and the Contracting Officer in the event there is a deviation from the standard grounding practices prior to actually performing the work. All grounding within the Emergency operations and Emergency Communications Centers must meet the standards identified by Motorola's R56 guidelines.

All cables, regardless of length, shall be marked with wraparound cable markers at both ends. There shall be no unmarked cables at any place in the system. Marking codes used on cables shall correspond to codes shown on "as-built" drawings and/or run sheets. The labeling and numbering system will be coordinated with the Contracting Officer.

All microphones to include 30ft. cable with heavy-duty jacket and XLR connectors.

Loudspeakers operating @ 8 ohm shall be installed with 12AWG cable as a minimum size/diameter.

Wall / floor box I/O panels shall be installed with audio/ video line drivers on runs exceeding 35 ft.

All cabling shall be neatly strapped, dressed, and adequately supported. Any exposed cabling shall be neatly enclosed in a protective covering.

Terminal blocks, boards, uLi-i.ps, or connectors shall be furnished for all cables, which interface, with racks, cabinets, consoles, or equipment modules. All audio signal lines shall be balanced at the wall plate.

All cables shall be grouped according to the signals being carried. In order to reduce signal contamination, form separate groups for the following cables:

- Power cables
- RGBHV, Video cables and Control cables
- Data cables (when applicable)
- Audio cables carrying low level signals
- Audio cables carrying line and high level signals

Supply cables that meet the overall specifications, and approval by the Owner. Any cabling installed in walls or ceilings shall be plenum rated. All cables shall be cut to the length dictated by the run plus the required "slack" to permit future equipment movement and relocation. For equipment mounted in drawers or on slides, the interconnecting cables shall be provided with a service loop of appropriate length of 3-5 feet.

No cable shall be installed with a bend radius less than that recommended by the cable

manufacturer. Notify the Contractor in the event a field condition interferes with the proper installation of any cables or equipment.

Grounding Procedures: In order to minimize problems resulting from improper grounding and to achieve maximum signal-to-noise ratios, the following grounding procedures shall be adhered to:

All Grounding shall follow the procedures as outlined in the Motorola R56 "Standards and Guidelines for Communications Sites", 2005 or latest revision. (Use below as required with R56)

R56 System Ground: A single "system ground" shall be established for the system. All grounding conductors shall connect to this system ground. The system ground shall be provided in the equipment rack, and shall consist of a copper bar of sufficient size to accommodate all secondary ground conductors.

A copper conductor, having a maximum of 0.1 Ohms total resistance, shall connect the system ground bar to the nearest grounded, metallic electrical conduit of at least 2 inches in diameter. Be responsible for determining if the metallic conduit is properly electrically bonded to the building ground system, and shall show the grounding path of a document that is provided with the system documentation. Secondary system grounding conductors shall be provided from all ungrounded equipment in each area, to the primary system grounding point for the area. Each of these grounding conductors shall have a maximum of 0.1. Ohms total resistance.

Under no conditions shall the AC neutral conductor, either in the power panel or in a receptacle outlet, be used for a system ground.

Audio Cable Shields: All balanced audio cable shields shall be grounded at one point only. All audio lines shall be balanced at the source, prior to any cable pull longer than twenty feet. There are no exceptions. For ungrounded portable equipment, such as microphones, the shield shall be connected at both ends but grounded at only one end. Video

Receptacles: All video receptacles shall be insulated from the mounting panel, outlet box, or wire way.

Cable shall be plenum rated and marked if any section is installed in a plenum or riser condition. It is the responsibility of the contractor to identify plenum and riser conditions for correct cable selection

REPAIR/RESTORATION

Any damage to any installed work or product caused by the unpacking, transporting, assembly, connecting, or configuring of the product shall be repaired at no charge to the Owner.

FIELD QUALITY CONTROL

Once installed and the System Checkout is complete, the system shall be tested by the Owner.

If the A/V system fails to meet the requirements of this document or those stated by the technical documentation, then the Contracting Officer shall reject the installed system and then be given notice (either oral or in writing) to correct the failure as soon as possible. If unable to overcome repeated performance deficiencies within thirty (30) days, and if requested to do so by the Contracting Officer remove the equipment at no expense to the Owner.

No warranties shall begin until the Owner and AV Consultant has authorized acceptance in writing.

Right to Revoke Acceptance: If any equipment and/or goods which have been previously accepted, specifically or by the making of payment, are found to have defects, damage, deficiencies or fail to conform to the specification, for any cause not attributable to the Owner may revoke acceptance.

Acceptance Test: Testing will be performed with the Owner (or its designees) to determine that the A/V system equipment satisfies the manufacturers' performance specifications and that the A/V system installed satisfactorily performs the functions required by this specification. Conduct formal pre-acceptance tests prior to the Contracting Officer's acceptance testing to ensure that the performance and functional specifications are satisfied by the installed system and the system is ready for the Contracting Officer's acceptance. The Contracting officer will verify that the installed audiovisual system satisfies the performance and functional requirements through formal acceptance testing.

Conduct all pre-acceptance tests: The Contracting Officer/AV Consultant may witness the pre-acceptance tests. The Contracting Officer may inspect and operate system components in order to evaluate installation progress and technical compliance prior to acceptance testing. Provide equipment necessary to demonstrate correct system performance. The Owner may conduct formal acceptance tests, and provide skilled technicians and test equipment as requested to assist the tests.

Contractor System Checkout

Perform system checkout before acceptance tests are scheduled. Furnish all required test equipment and perform all work necessary to determine and/or modify performance of the system to meet the requirements of this specification.

During performance testing, all equipment shall be operated under standard conditions as recommended by the manufacture. Test all audio and video systems for compliance with the Performance Standards using the following test procedures that follow later in this specification. Maintain documentation of all performance tests for reference by Consultant

during the System Acceptance Tests.

At the conclusion of the tests, return all equipment settings to previously calibrated positions.

Provide written records of all test results in spreadsheet form to the AV Consultant and Owner.

Check all control functions, from all controlling devices to all controlled devices, for proper operation.

Adjust, balance, and align all equipment for optimum quality and to meet the manufacturer's published specifications. Establish and mark normal settings for all level controls, and record these settings in the "System Operation and Maintenance Manual."

Provide testing results and settings for all equipment and systems to the AV Consultant and Owner at least three (3) business days prior to System Acceptance Testing.

Provide the AV Consultant and Owner with all test results, manuals, software, as-built documentation, etc. Prior to acceptance testing in accordance with the dates and/ or lead-times listed within this document.

Inform the PM and AV Consultant that the works are ready for System Acceptance Testing by the AV Consultant. The works shall be considered ready for acceptance testing when the following conditions are met:

AV Contractor has pre-tested all systems such that all sub-systems, functions, software, and equipment are de-bugged and operational

AV Contractor has supplied the AV Consultant and Owner with the written test results and documentation as listed above for all rooms and systems AV Contractor has supplied the AV Consultant and Owner with manuals, training materials, and other as-built documentation revised to reflect comments and/or revisions arising from the review cycles listed elsewhere within this document.

Should the systems not be ready for testing by the AV Consultant at the date(s) and time(s) indicated by the AV Contractor, system acceptance testing may be rescheduled at the sole discretion of the AV Consultant. The AV Contractor shall pay for the labor and expenses of the AV Consultant and other project team members assembled at the project site for the purpose of system acceptance testing for the date(s) of the original scheduled testing plus the labor and expenses of the AV Consultant and other project team members for the rescheduled testing date(s). The labor rate for the AV Consultant shall be a flat rate of \$200.00/hour including travel time. Other project team member labor costs shall be at their respective published rates. The PM and/or Contracting officer shall be entitled to deduct any money owed to the Owner, PM, AV Consultant, or other project team members under this contract from any sum which may become due or is payable to the AV

Contractor under this Contract for the purposes of satisfying the charges listed above test Equipment.

H. MISCELLANEOUS EQUIPMENT

1. All cables, connectors, amplifiers, and miscellaneous products not specified in RFP but necessary for project completion must be provided by the AV contractor.
2. Successful bidder will deliver operating and maintenance manuals, and as-builts of configuration.

SECTION IV – GUIDELINES AND SCHEDULE

A. GENERAL REQUIREMENTS

1. The Owner requires a “not-to-exceed” price contract for this procurement. The AV contractor is expected to complete the statement of work for the negotiated price.
2. Unless prices and all information requested are complete, proposal may be considered non-responsive and will not be considered.
3. In case of default by the AV contractor, the Owner may procure the articles or services from other sources and may deduct from any monies due, or that may thereafter become due to the AV contractor, the difference between the price named in the contract or purchase order and the actual cost thereof to the Owner.
4. All proposals must be signed with the AV contractor’s name and by an authorized representative of the company. Obligations assumed by such signature must be fulfilled.
5. AV contractor shall furnish performance and payment bonds, in an amount at least equal to the contract price as security for the faithful performance and payment of all AV contractor’s obligations. The bonds shall remain in effect until one year after the date when final payment becomes due or until completion of the correction period. Bonds shall be executed by such sureties as are named in the list of “Companies Holding Certificates of Authority as Acceptable Sureties on Federal Bonds and as Acceptable Reinsuring Companies” as published in Circular 570 (amended) by the Financial Management Service, Surety Bond Branch, and U.S. Department of Treasury. All bonds signed by an agent or attorney-in-fact must be accompanied by a certified copy of that individual’s authority to bind the surety. The evidence of authority shall show that it is effective on the date the agent or attorney-in-fact signed each bond.

All bonds and insurance shall be obtained from surety or insurance companies that are duly licensed or authorized to the jurisdiction in which the project is located to issue bonds or insurance policies for the limits and coverages so required.

B. INSURANCE

Successful bidder agrees to carry appropriate Worker’s Compensation Insurance, Comprehensive General Liability Insurance (bodily injury and property damage), Automobile Liability Insurance and Professional Liability Insurance. Contractor agrees to furnish information and certificates to Owner upon request.

The Contractor agrees to keep and maintain for the duration of this Agreement including but not limited to commercial general liability, automobile liability, workers’ compensation, and employer’s liability with at least the minimum limits shown below. The Contractor shall furnish the County with certificates of insurance for each type of insurance described herein, with the County listed as Certificate Holder and as an additional insured on the Contractor’s general liability and auto liability policies and provide a waiver of subrogation on the Contractor’s workers’ compensation policy. In the event of bodily injury or property damage loss caused by Contractor’s negligent acts or omissions in connection with Contractor’s services performed under this Agreement, the Contractor’s Liability insurance shall be primary with respect to any other insurance which may be available to the County, regardless of how the “Other Insurance” provisions may read. In the event of cancellation, substantial changes or nonrenewal, the Contractor and Contractor’s insurance carrier shall give the County at least thirty (30) days prior written notice. No work shall be performed until the Contractor has furnished to the County the above referenced certificates of insurance and associated endorsements, in a form suitable to the County. Upon request, the Contractor shall provide the County copies of their insurance policies.

Commercial General Liability:	\$1,000,000 per occurrence / \$1,000,000 aggregate
Commercial Auto Liability:	\$1,000,000 combined single limit
Workers' Compensation: and Employer's Liability:	Statutory \$100,000 each accident/total disease/employee disease

Certificate of Insurance lists Catawba County, PO Box 389, Newton, NC 28658, as Certificate Holder.

A. Indemnification: Contactor shall indemnify, defend, and hold harmless the County and its subsidiaries, divisions, officers, directors and employees from all liability, loss, costs, claims, damages, expenses, attorney fees, judgments and awards arising or claimed to have arisen, from any injury caused by, or allegedly caused by, either in whole or in part, any act or omission of the Contractor or any employee, agent or assign of the Contractor. This provision is not applicable to any claim arising out of or related to any active or primary negligence of or by County, its officers or employees.

Nothing herein shall be construed as a waiver on the part of the County to any defense of any claim, including, but not limited to the defense of governmental immunity.

C. PROPRIETARY INFORMATION

Trade secrets or similar proprietary data that the AV contractor does not wish disclosed other than to personnel involved in the evaluation or contract administration will be kept confidential to the extent permitted by NCAC T01:05B.1501 and G.S. 132-1.3 if identified as follows: Each page shall be identified in boldface at the top and bottom as "CONFIDENTIAL". Any section of the proposal that is to remain confidential shall also be so marked in boldface on the title page of that section. Cost information may not be deemed confidential. In spite of what is labeled as confidential, the determination as to whether or not it is shall be determined by North Carolina law.

NOTE: An electronic version of the bid must accompany the hardcopy bid submission in a sealed envelope. In the electronic version, proprietary information must be redacted in anticipation of public record requests.

D. LIMITATIONS

1. All information and materials submitted will become the property of the Owner. AV contractors should not submit proprietary or confidential business information unless the AV contractor believes such information is critical to its presentation. Such information should be clearly identified as such. The Owner will protect such proprietary or confidential information only to the extent which the law allows.
2. This RFP does not commit the Owner to award a contract(s) or pay any costs incurred in the preparation of a proposal in response to this request.
3. The County reserves the sole right to accept or reject any or all proposals received as a result of this RFP, or to cancel this RFP in part or in its entirety.
4. Each proposal shall include a statement indicating whether or not the firm or any individuals working on the contract has a possible conflict of interest and, if so, the nature of that conflict (e.g., employed by the Owner). The Owner's determination regarding any questions of conflict of interest shall be final.
5. Information must be furnished complete, in compliance with the terms, conditions, provisions and specifications of the request for proposal. The information requested and the manners of submission are essential to permit prompt evaluation of all proposals on a fair and uniform basis. The response must follow the RFP Response Format provided in Section V.

6. Proposals and modifications or corrections received after the closing time specified will not be considered.

7. Contractor and all Sub-Contractors are responsible for any and all licenses required for this contract.

E. GOVERNING LAW

All proposals, agreements, and the provision of services resulting from this request for proposal shall be governed by and construed in accordance with the General Statutes of the State of North Carolina. No agreement arising as a result of this request for proposal shall contain any term or condition to the contrary. Your submission of a proposal in response to this request for proposal constitutes consent to this jurisdictional requirement.

F. PROPOSAL POSTPONEMENT AND ADDENDUM

The Owner reserves the right to revise or amend the specifications or any other part of the proposal up to the time set for opening. Such revisions and amendments, if any, shall be announced by addendum to this solicitation, and all registered bidders will be notified. Any such addendums shall be published by the Owner and posted on the Owner's website. If revisions and amendments require changes in quantities or prices proposed, or both, the date set for opening of proposals may be postponed by such number of days as in the opinion of the Owner shall enable AV contractor's to revise their proposals. In any case, the proposal opening shall be at least five working days after the last addendum; and the addendum shall include an announcement of the new date, if applicable, for the opening of proposals.

G. PROJECT SCHEDULE

The County anticipates the following schedule for the project:

RFP Posted on Web Site	June 6, 2016
Mandatory Pre-Bid Meeting	June 15, 2016
Deadline for Questions	July 7, 2016
Proposal Submission Deadline	July 14, 2016

The selected AV Contractor shall be required to begin work within six weeks of award.

SECTION IV – EVALUATION / SELECTION PROCESS

A. CRITERIA FOR AWARD

Selection of the successful AV contractor is based on a determination of price and performance, where quality is considered an integral performance factor. The criteria for award will be based on

multiple factors, including: total cost of ownership, meaning the cost of acquiring, operating, maintaining, and supporting a product or service over its projected lifetime; the evaluated technical merit of the AV contractor's proposal; the AV contractor's past performance; and the evaluated probability of performing the requirements stated in the solicitation on time, with high quality, and in a manner that accomplishes the stated business objectives and maintains industry standards compliance.

Cost is important, but will not be the sole determining factor. Selection of the successful AV contractor will be based on the total points awarded according to the criteria listed below.

- 1. Project Understanding** – Degree that firm demonstrates an understanding of the project objectives and proposes to accomplish those objectives and is able to meet these objectives, project timetable and best meets specifications. **25 points**
- 2. Service** – Customer service during installation and after the sale is extremely important. Firm's availability to provide onsite service within 24 hours. **25 points**
- 3. Quality of Equipment** – All primary equipment, subsystems, components, wire, cable and accessory hardware shall be standard products of a recognized manufacturer regularly engaged in the production of such equipment and materials. AV contractor shall only supply manufacturer's newest and latest equipment and materials. **20 points**
- 4. Project Experience** – Demonstrated experience designing, configuring, installing and supporting video recording, presentation, and broadcasting systems in a municipal government environment. **15 points**
- 5. Cost** – Reasonableness of proposed equipment and implementation cost. The Owner will evaluate the total cost of the equipment and software as a total purchase price. **10 points**
- 6. References** – Examples of and references of similar projects designing, integrating, implementing, and supporting video recording, presentation, and broadcast equipment. **5 points**

The Owner will review each proposal to ensure that the proposal is complete and organized according to the format requirements specified in Sections **V and VI**. Similar format submissions helps ensure objective analysis of each proposal. Failure to satisfy the proposal format requirement may render a proposal to be unacceptable.

B. WARRANTY

The Owner will evaluate the terms and conditions of the proposed warranty to ensure that it does not place any undue risk on the Owner (i.e. scheduling, performance, cost) and does not cause the Owner to incur costs in other areas.

C. ORAL PRESENTATIONS, SYSTEM DEMONSTRATIONS, SITE VISIT

AV contractors should be prepared to discuss and substantiate any of the areas of the information submitted as well as its qualifications to furnish the specified products and services. Notwithstanding the possibility of a request for an oral presentation, AV contractors shall not rely on the possibility of such a request and shall submit a complete and comprehensive written response to this solicitation. The Owner shall not be charged any fees associated with AV contractor's cost to give requested presentations, demonstrations, or conducting site visits.

D. SPECIAL CONDITIONS

Excluding proprietary information, the proposal for the equipment and software contract of the AV contractor awarded the contract is deemed public record and shall be available to the public upon request after award.

SECTION V – RFP RESPONSE FORMAT

Please use the following format to structure your RFP response. Your response should include each section detailed below in the order presented. The detail represents the items that are to be covered in each section of your response. Failure to address all items will impact the evaluation and may classify the response as non-responsive and preclude it from further consideration. Refer to Section II – Scope of Work for additional information.

RFP RESPONSE FORMAT

- A. Title Page
- B. Letter of Transmittal
- C. Table of Contents
- D. Executive Summary
- E. Company Background and Experience
- F. Project Understanding and Pricing
- G. Project Schedule
- H. Training
- I. Cost Proposal
- J. Maintenance, Updates, and Support
- K. Customer References
- L. Appendices

A. TITLE PAGE

The title page should include, at minimum, the following:

Name of Project – RFP # County

Submitted by (Company Name)

Date of Submittal

B. LETTER OF TRANSMITTAL

The transmittal letter will:

- Indicate the intention of the AV contractor to adhere to the provisions described in the RFP without modification
- Identify the submitting organization
- Identify the person, by name and title, authorized to contractually obligate the organization
- Identify the contact person responsible for this response, specifying name, title, mailing address, telephone and email address
- Provide the original signature of the person authorized to contractually obligate the organization.

C. TABLE OF CONTENTS

The table of contents should outline Sections **A thru K**, as described previously in this section.

D. EXECUTIVE SUMMARY

The AV contractor will provide an Executive Summary that presents in brief, concise terms a summary level description of the contents of the proposal response. In addition, the AV contractor must clearly and specifically detail all exceptions to the exact requirements imposed by this RFP.

E. COMPANY BACKGROUND AND EXPERIENCE

This section of the proposal should establish the ability of the AV contractor to satisfactorily perform the required work by reasons of experience in performing work of a similar nature, demonstrated competence in the services to be performed, strength and stability of the firm, staffing capability, and the record of meeting expectations on similar projects. The Owner, at its option, may require an AV contractor to provide additional support and/or clarify requested information.

F. PROJECT UNDERSTANDING AND PRICING

This part of the Proposal will contain a description of how the AV contractor intends to organize its approach to the project. The AV contractor shall relate how it perceives its role in carrying out the responsibilities required by this implementation. The AV contractor shall also provide examples of challenges encountered on similar engagements and discuss their approach in handling some of the specific challenges and opportunities it foresees for this project. Provide examples/references for past performance on similar projects including integrating audio/video recording, presentation, scheduling, and broadcasting equipment as outlined in this document. State your understanding of what the project entails and provide an itemized listing with pricing for all equipment and installation.

G. PROJECT SCHEDULE

The selected AV contractor shall be willing to begin the project within 15 days after award. AV contractor should provide a detailed implementation schedule assuming a project start date. The Work Plan and Schedule shall include a schedule for the performance of the tasks

identified in Section II, Scope of Work, of this RFP. Provide your schedule for performing the work, including major milestones and deliverables.

H. TRAINING

Successful AV contractor will provide training for at least two (2) Owner staff on the use of the entire system. Training must be provided to the Owner's satisfaction.

I. MAINTENANCE, UPDATES AND SUPPORT

At a minimum, the proposal must include information and pricing associated with all aspects of ongoing support and maintenance activities. This proposed support must include hardware support/maintenance fees, product fixes, and enhancements. The AV contractor must indicate the annual costs for support and maintenance for three, four, and five-year periods in the pricing response. Also include in this section the training and qualifications of technicians who might provide service to the Owner.

J. CUSTOMER REFERENCES

AV contractor should provide at least four (4) client references, preferably from other local governments that most closely reflect the project scope of the Owner, as described in this RFP. These references should be sites at which the proposed system has been installed within the past 3 years.

K. APPENDICES

Under this section, AV contractors shall provide all legal documents and compliance reports, including but not limited to the following:

- Standard Support/Maintenance Agreement (including the escalation policy);
- Service Level Agreement

Additionally, AV contractors shall carefully examine the RFP for required documentation not specifically covered in Sections **A thru K**, and shall place such documentation in an appendix. Information considered by the AV contractor to be pertinent to this project, but not specifically requested in this RFP, may also be placed in an appendix. Examples of documents to be included in this section include:

- Sample from Training Manual;
- Sample Project Schedule;
- Electrical requirements of the proposed system;
- Recommended operating temperature ranges, allowable humidity limits and all other requirements for proposed equipment.

SECTION VI – INFORMATION TECHNOLOGY

§ 143-129.8. PURCHASE OF INFORMATION TECHNOLOGY GOODS AND SERVICES

(a) In recognition of the complex and innovative nature of information technology goods and services and of the desirability of a single point of responsibility for contracts

that include combinations of purchase of goods, design, installation, training, operation, maintenance, and related services, a political subdivision of the State may contract for information technology, as defined in G.S. 147-33.81(2), using the procedure set forth in this section, in addition to or instead of any other procedure available under North Carolina law.

(b) Contracts for information technology may be entered into under a request for proposals procedure that satisfies the following minimum requirements:

- (1) Notice of the request for proposals shall be given in accordance with G.S. 143-129(b).
- (2) Contracts shall be awarded to the person or entity that submits the best overall proposal as determined by the awarding authority. Factors to be considered in awarding contracts shall be identified in the request for proposals.

(c) The awarding authority may use procurement methods set forth in G.S. 143-135.9 in developing and evaluating requests for proposals under this section. The awarding authority may negotiate with any proposer in order to obtain a final contract that best meets the needs of the awarding authority. Negotiations allowed under this section shall not alter the contract beyond the scope of the original request for proposals in a manner that: (i) deprives the proposers or potential proposers of a fair opportunity to compete for the contract; and (ii) would have resulted in the award of the contract to a different person or entity if the alterations had been included in the request for proposals.

(d) Proposals submitted under this section shall not be subject to public inspection until a contract is awarded.

EXECUTION OF PROPOSAL

By submitting this proposal, the potential contractor certifies the following:

1. This proposal is signed by an authorized representative of the firm.
2. The cost and availability of all equipment, materials, and supplies associated with performing the services described herein have been determined and are included in the proposed cost.
3. All labor costs, direct and indirect, have been determined and are included in the proposed cost.
4. The potential contractor has read and understands the conditions set forth in this RFP, and agrees to them with no exceptions.

Therefore in compliance with this Request for Proposals, and subject to all conditions herein, the undersigned offers and agrees, if this proposal is accepted within 90 days from the date of the opening, to furnish the subject services.

RFP 16-1014 Justice Center Public Safety Audio Visual Systems

AV CONTRACTOR: _____

ADDRESS: _____

COUNTY, STATE, ZIP: _____

TELEPHONE NUMBER: _____

EMAIL ADDRESS: _____

FEDERAL EMPLOYER IDENTIFICATION NUMBER: _____

SIGNATURE: _____ TITLE: _____

TYPED NAME: _____ DATE: _____

**THIS PAGE MUST BE SIGNED AND INCLUDED IN YOUR PROPOSAL.
UNSIGNED PROPOSALS WILL NOT BE CONSIDERED.**

NON-COLLUSION AFFIDAVIT OF PRIME BIDDER

STATE OF _____

COUNTY OF _____

_____, of _____, being
(Name) (Bidder)
duly sworn, deposes and says that:

1. He is _____
(owner, partner, officer, representative, agent)
of _____, the Bidder that has submitted the
attached Bid Proposal;
2. He is fully informed respecting the preparation and contents of the attached Bid
Proposal and of all pertinent circumstances respecting such Bid Proposal;
3. Such Bid Proposal is genuine and is not a collusive or sham Bid Proposal;
4. Neither the said Bidder nor any of its officers, partners, owners, agents,
representatives, employees, or parties in interest, including this affiant, has in
any way colluded, conspired, connived or agreed, directly or indirectly with any
other Bidder, firm or person to submit a collusive or sham Bid Proposal in
connection with the Contract for which the attached Bid Proposal has been
submitted or to refrain from bidding in connection with such Contract, or has in
any manner, directly or indirectly sought by agreement or collusion or
communication or conference with any other Bidder, firm or person to fix the
price or prices in the attached Bid Proposal or of any other Bidder, or to fix the
overhead, profit or cost element of the Bid price or the Bid price of any other
Bidder, or to secure through any collusion, conspiracy, connivance or unlawful
agreement any advantage against the County, or any person interested in the
proposed Contract; and
5. The price or prices quoted in the attached Bid Proposal are fair and proper and
are not tainted by any collusion, conspiracy, connivance or unlawful agreement
on the part of the Bidder or any of its agents, representatives, owner, employees,
or parties of interest including this affiant.

Signed

Title

SWORN TO AND SUBSCRIBED before me this ____ day of _____, 20__.

Notary Public

My Commission Expires: _____

COUNTY E-VERIFY AFFIDAVIT

STATE OF _____

COUNTY OF _____

I, _____ (the individual attesting below), being duly authorized by
and on behalf of _____ (the entity doing business with the
County hereinafter "Employer") after first being duly sworn hereby swears or affirms as follows:

- 1. Employer understands that E-Verify is the federal E-Verify program operated by the United States Department of Homeland Security and other federal agencies, or any successor or equivalent program used to verify the work authorization of newly hired employees pursuant to federal law in accordance with NCGS §64-25(5).
- 2. Employer understands that Employer as defined herein, must use E-Verify. Each Employer, after hiring an employee to work in the United States, shall verify the work authorization of the employee through E-Verify in accordance with NCGS§64-26(a).
- 3. Employer is a person, business entity, or other organization that transacts business in North Carolina and that employs 25 or more employees in this State. (mark Yes or No)
 - a. YES _____, or
 - b. NO _____
- 4. Employer's subcontractors comply with E-Verify, and if Employer is contracted with the County, Employer will ensure compliance with E-Verify by any subcontractors subsequently hired by Employer.

This ____ day of _____, 20____.

Signature of Affiant
Title: _____

State of _____

County of _____

Signed and sworn to (or affirmed) before me, this the _____

day of _____, 20____.

Notary Public

Print Name: _____

My Commission Expires: _____

(Affix Official/Notarial Seal)

SECTION VIII – REQUIRED DOCUMENTATION

The following are to accompany bid responses:

1. VENDOR APPLICATION

Bidders are asked to submit a vendor application and return it with bid response. Bidders may download the form from the County's website at the following link: <http://catawbacountync.gov/bids>. Select Services, Purchasing, Vendor Form.

2. NORTH CAROLINACERTIFICATE OF AUTHORITY

All out of state vendors are required to have a NC Certificate of Authority. If you already have a certificate please submit with your bid. If you do not have one you must apply once you are awarded the bid. You may register with the State of NC at: <http://www.secretary.state.nc.us/corporations/forms.aspx?pitimid=5465493&type=businesscorporation> and submit a copy to Purchasing immediately after it is received.

4. E-VERIFY EMPLOYER COMPLIANCE

Per NC HB 786 Session Law 2013-418, employers and their subcontractors with 25 or more employees as defined, must comply with E-Verify requirements to contract with governmental units. E-Verify is a Federal program and can be accessed via this link: <http://www.uscis.gov/e-verify/employers>

5. IRAN DIVESTMENT ACT CERTIFICATION.

Contractor certifies that, as of the date listed below, it is not on the Final Divestment List or the Iran Parent and Subsidiary Guidance List as created by the State Treasurer pursuant to NCGS 147-86.58. In compliance with the requirements of the Iran Divestment Act (Article 6E of Chapter 147 of the North Carolina General Statutes), Contractor shall not utilize, in the performance of the contract, any subcontractor that is identified on the Final Divestment List or the Iran Parent and Subsidiary Guidance List.

DOCUMENTS TO BE COMPLETED AFTER AWARD

- Certificate of Insurance: County named as additional insured. Insurance requirements listed in SECTION II, O. Indemnification.
- NC Certificate of Authority (for out of state vendors)
- Performance and Payment Bonds

SECTION 27 41 00 - AUDIO-VISUAL SYSTEMS

PART 1 - GENERAL

1.1 SUMMARY

Section Includes: Complete and operational audio-visual (A/V) and remote control systems, including:

- Video projection
- Remote controls
- Program and Speech Audio reinforcement
- AV Recording
- Baseband/Broadband distribution systems
- Video Routing/Switching systems
- Video Display Systems

Related Sections

Division 26 - Electrical sections for conduits, wire pathways, connections boxes, pull boxes, junction boxes, and outlet boxes permanently installed in walls, floors, and ceilings.

Division 26 - Electrical sections for room lighting fixtures, power receptacle outlets, interconnecting wiring for these circuits, and electrical breaker panels powering the audio-visual equipment.

Division 11 - Projection Screens (as required)

Division 27 - Telecommunications Cable Systems, cable trays and pathways for communications, grounding and bonding for communications systems.

Bid Proposals: Each piece of equipment shall be individually priced and submitted with Bid Proposals. Provide itemized bid response to include the equipment description, manufacturer, model number, unit price, and total quantity. All equipment prices shall reflect any required modifications and accessories. Non-equipment charges shall be outlined separately as a single line item (for each equipment line item that they pertain to). Identify equipment bid responses according to the numbering system used in the supplied equipment lists.

Alternate Proposals: The Equipment Lists attached at the end of this section identify specified equipment by make and model. Alternate equipment choices should be requested prior to the proposal submission, as well as any equipment of similar function that can be bought with discounts. Each item on the alternate equipment list must be accompanied by catalog cuts and technical specifications. If the alternate equipment list does not include this information, the Owner will not consider these items.

Alternate proposed equipment shall meet or exceed all specifications for each piece of equipment that is listed in this section to be considered for replacement.

Non-Equipment Charges:

These non-equipment costs shall include, but not be limited to:

Engineering: Including all required design or as-built drawings, run sheets, instruction manuals, console layouts, step-by-step user guide, etc.

Pre-Installation: Including all fabrication, modification, assembly, rack wiring, programming, etc., performed on the Installer's premises.

Installation: Including all on-site installation and wiring, shop drawing, coordination and supervision, testing, checkout, Owner training, etc., performed on the Owner's premises.

General: Including all expenses for shipping, insurance, and guarantees or bonding.

The A/V system total cost shall be entered at the end of the last equipment list line items.

Specifications contained herein, in some cases, may refer to brand names. Brand names are used only to set forth the quality and the general style, type and character of the specification. The quality of the Bid Proposal shall meet or exceed that of the referred to brand name.

1.2 SUBMITTALS

Owner and AV Consultant shall approval all submittals prior to any equipment purchase. Submit the following in accordance with Section 01 33 00 Submittal Procedures (or alternate section):

SD-03 Product Data

Manufacturer's literature and catalog cut sheets indicating manufactured equipment and accessories including materials, fabrication, test results, operational and environmental ratings and other pertinent technical information.

SD-02 Shop Drawings

Prior to fabrication submit custom designs pertaining to the system. These designs shall include but not be limited to, the following:

- All panels, plates, and designation strips, including details relating to terminology, engraving, finish and color.
- All equipment racks, cabinets, consoles, tables, carts, support bases, and shelves used for any equipment mounting or storage.
- Schematic drawings (A/V and Control Signal flow).
- Any/all equipment modifications with equipment modification drawings.
- Front mechanical drawings of each equipment rack, cabinet or cart.
- Equipment location drawings, as well as location of all A/V plates, Jacks, floor or wall boxes and specialized jack mounting hardware on AE Floor plans (AutoCAD and PDF format).
- System functional block drawings or diagrams, including those for audio and video subsystems.
- Cable labeling plan with source/destination data.

SD-10 Operation and Maintenance Data

At the completion of the installation, but prior to the Final Acceptance Test, the Contractor shall supply for review and approval at least two (2) copies each of the following:

- Equipment manufacturer's operations and service manuals for each make/model of equipment.
- System Operations and Maintenance manuals for A/V subsystems that shall describe all procedures necessary to activate and configure each subsystem.

SD-11 Closeout Submittals

At the completion of the installation, but before Final Acceptance, provide for review and approval two (2) copies of the following:

- Schematic wiring diagrams with cable markings (as-built)
- Internal wiring diagrams of the equipment racks, cabinets, carts or consoles.
- Custom equipment modifications (if any)
- Final Acceptance test results and nominal settings for all adjustable controls.
- Provide editable electronic copies of all software associated with the audio-visual system (DVD copies).

Submittal materials shall be submitted as indicated in sections above. One copy of each submittal cover sheet shall be returned within a reasonable time from receipt there of bearing one of the following codes:

“Approved” – Approved for manufacture or procurement by the Contractor.

“Approved as Noted” – Approved for manufacture or procurement incorporating the noted comments that are returned with the submittal cover sheet. No manufacturing/procurement

shall be permitted until such time as the noted comments are performed and approved by the Customer.

“Rejected” – The submittal is rejected in accordance with the comments provided with the returned cover sheet. The entire submittal must be corrected and re-submitted as a revision for Customer approval.

Absolutely NO ordering or manufacturing of equipment/materials shall take place prior to approval of submittals.

1.3 DEFINITIONS

The term “Provided By Others (PBO)” shall refer to material and work that is not in the contract and for which the Contractor is not responsible except as otherwise detailed in the specifications plans or contract documents.

The term “Owner Furnished Equipment (OFE)” shall refer to material or equipment that shall be provided by the “Owner” of the facility. The Contractor shall be responsible for installation and integration of this equipment as detailed herein.

The term “Customer” or “Owner” shall refer to the owner of the facility for which the work and materials are being provided.

The term “shall” is mandatory; the term “will” is informative; the term “should” is advisory; and the term “provide” means to furnish and install.

The term “Installer or A/V Contractor” refers to the successful A/V vendor/installer.

The term “A/V Consultant” refers to the agency or firm that is contracted with the Owner to provide engineering design and contract inspection services for all audio or video equipment and materials to be utilized or specified in these contract documents.

The term “Bidder” refers to a qualified AV Contractor intending to tender a bid on the systems described herein.

The term “Construction Manager” or “GC” refers to the representative responsible for the general building construction and on-site coordination and management of all subcontractors.

1.4 SYSTEM DESCRIPTION

A. Design Standards

The customer's goal is to have available the most commonly used A/V equipment as a cohesive system. Therefore, part of the development efforts for successfully implementing the A/V systems should include:

Installing the system in a manner that will comply with B1CSI, ICIA and routing all audio, video and control cabling elements of the final design in a subtle, unobtrusivemanner to maintain the architectural and visual integrity of the building.

Except where plenum cable is used above finished ceilings, it is required that cabling for microphone and line: inputs, wideband RGBHV video, and other A/V-related cabling be routed inside the comprehensive system of conduit indicated on Drawings and installed by the "GC". Floor and wall boxes shall serve as the primary interface points to the A/V system.

Provide and install cover plates, connectors, and associated cabling to link all floor and wall boxes to all affiliated local and remote A/V components. The "GC" shall install necessary conduit, power and workboxes. No wiremold or surface-mounted raceway shall be permitted.

Provide and install security covers on any electronics with front panel controls that should not need to be adjusted after initial set-up. All components permanently mounted to rack rail systems shall be installed with industry accepted security screws. Each instructor's station shall include a 4-inch low-noise fan unit.

Provide 8 ½ x 11 Instruction card, approved by the owner, and laminated with step-by-step instructions outlining system operations for each room that has AV systems. Provide editable file of card to the Owner.

No more than forty lamp hours shall be expired for projection system set-up.

Steel cable security systems and padlocks to secure to the structure shall be provided for all surface loudspeakers, document cameras, video camera, flat panel displays, and LCD projectors. All padlocks provided for security shall be keyed to a single master key.

Provide editable versions of all master source code for any digital signal processing, remote control or microprocessor-based systems included on this project. Provide CD-ROM copy, as well as, loading software onto Owner furnished personal computer(s).

Provide any necessary signal repeaters/amplifiers for any control signals running a distance greater than 50 feet or in excess of the signals standard specification for distance.

Provide low voltage transformers within 40 feet of associated video camera location that shall receive AC power from above finished ceiling or frame an associated equipment rack.

Performance Standards: Unless restricted by the published specifications of a particular piece of equipment, or unless otherwise required, the following minimum performance standards shall be met by each system:

Description	Performance Standard
Audio	
Signal to Noise (S/N)	75 dB minimum
Total Harmonic Distortion	0.percent maximum from 30 Hz to 15,000 Hz
Frequency Response	Flat within +1.0 dB, 30 Hz to 15,000 Hz
Video (Signal)	
S/N (peak to RMS) unweighted DC to 4.2MHz	45 dB minimum
Crosstalk, unweighted DC to 4.2MHz	45 dB minimum
Frequency Response (composite)	Within +0.5 dB to 10MHz
Frequency Response (component)	Within +0.5 dB to 100MHz
Line and Field Tilt	2 percent Maximum
Differential Gain	3 percent Maximum
Differential Phase	2 degrees Maximum

Performance Test Signal Paths: The signal paths for the above Performance Standards shall be as follows:

Audio: From any and all source inputs (for microphones, audiotape units, video tape units, DVD Players, etc.) through all audio distribution amplifiers (ADA), mixers, switches, codec, etc., to all signal destinations.

Video: From all source inputs (for cameras, computers, video tape units, DVD Players, etc.) through all distribution amplifiers (VDA), processors, switchers, routers, etc., to all signal destinations.

B. Remote Control Standards: As a minimum, the remote control system for each area shall be programmed to include the following:

- AM/ PM Clock Settings
- Automatic System Shutdown
- Owner Logo on first page
- 50 percent audio level default
- LAN IP Address
- Panel layout to include user screens, as well as, password protected technician pages
- Raise and lower projection screen when projection is powered on/ off respectively.
- Activate a minimum of three (3) presets for each installed remote controllable video camera.
- Full function control of all source components, display units, processing and switching electronic devices.
- Touch panel page layouts shall be submitted for approval prior to installation and configuration.
- Per function status feedback indicating active/passive modes of operation.

1.5 QUALITY ASSURANCE

Demonstrate at least five (5) years of experience in the fabrication, programming, assembly, installation, integration and testing of audio-visual presentation and remote control systems of similar magnitude and quality as specified for this contract. The AV Contractor shall submit documentation to the effect with the bid return, including three (3) references (below).

References: Furnish no less than three (3) references for installations of similar size (dollar amount and quantity of floor space receiving integrated technology) and scope, performed throughout the Continental United States within the last three years. At a minimum, reference data shall include the reference company, institute or agency name, contact person's name and title, telephone number, address, email address and detail project description. Additionally, the reference data shall provide the name of the person that is in charge of the day-to-day operation of the audio-visual installation, with phone number.

Electrical Components, Devices, and Accessories: Listed and labeled as defined in NFPA 70, by a qualified testing agency, and marked for intended location and application.

1.6 DELIVERIES, STORAGE, AND HANDLING

The AV Contractor shall supply, transport, deliver, unload, move to the installation location, unpack, place, assemble, secure or mount, connect and install all equipment required to complete the installation of the audio-visual system. The AV Contractor shall be responsible for transportation, delivery, and on-site stage of the system's equipment and materials. The AV Contractor shall be responsible for all transportation of personnel, tools, and all required support or test equipment to and from the site.

The Owner's acknowledgement of delivery of goods or materials shall not constitute Acceptance (partial or otherwise) and shall not diminish the Contractor's obligations as specified in the contract documents.

1.7 STAGING

Installation shall commence immediately upon delivery of materials to the job site, except as directed by Owner. Time required from delivery date to completion of project shall be in accordance with the approved schedules.

1.8 WARRANTY

The system warranty shall be for twenty-four (24) months from the date of system acceptance by the Owner. Provide all equipment, material, and labor required to uphold the warranty at no charge to the Owner. All manufacturers' equipment warranties shall be activated in the owner name and shall commence on the date of system acceptance. In the case of modified equipment, the manufacturer's warranty is normally voided. In such cases, provide the Owner with a warranty equivalent to that of the original manufacturer warranty.

A twentyfour-hour emergencyresponse time is mandatory.

1.9 OWNER'S INSTRUCTIONS

Training: Provide minimum 32 hours of training (8hrs at the discretion of the Owner) in the operation and maintenance of the system for personnel designated by the Owner. The training shall be organized as follows:

Two (2) two hour training class for system technical operation and maintenance.

This class shall cover the following topics:

Review of signal flow diagrams.

Review of all equipment functions, relevant to the function in this system.

Review of initial equipment settings.

Demonstration of all functional connections from a user perspective.

Review and demonstration of replacement procedures for consumables (e.g., lamps).

Review of manufacturers' recommended routine maintenance procedures

Two (2) two-hour training classes for system engineering concerns.

This class shall cover the following topics:

Review of signal flow diagrams.

Review of all equipment functions, relevant to the installation.

Review of initial equipment settings.

Review of manufacturer's recommended routine maintenance procedures.

Review and demonstration of replacement procedures for consumables (e.g., lamps).

Review and demonstration of control system software replacement/upgrade procedures.

Four (4) four-hour training classes addressing AV system operations. The classes will demonstrate and describe the following:

System set-up and operations

Control system operation

How to edit and display videotape and computer images

How to attach microphones, record A/V signals, and control the Sound system

Videoconferencing operation and capabilities (if applicable)

Audio monitoring and ADA system operations

IPTV

Engineering Training may take place at any time (chosen by the Owner) after the systems are operational, up to a year following system acceptance.

System Operation and Service Manuals shall be provided for this training.

The County IT will detail additional specifics of the training session(s).

The Owner may take advantage of the training at any time before Two (2) two-hour training classes for system engineering concerns. This class shall cover the following topics:

Review of signal flow diagrams.

Review of all equipment functions, relevant to the installation.

Review of initial equipment settings.

Review of manufacturer's recommended routine maintenance procedures.

Review and demonstration of replacement procedures for consumables (e.g., lamps).

Review and demonstration of control system software replacement/upgrade procedures.

Four (4) four-hour training classes addressing AV system operations. The classes will demonstrate and describe the following:

System set-up and operations

Control system operation

How to edit and display videotape and computer images

How to attach microphones, record A/V signals, and control the Sound system

Videoconferencing operation and capabilities (if applicable)

Audio monitoring and ADA system operations

Cable antenna television system (CATV)

Engineering Training may take place at any time (chosen by the Owner) after the systems are operational, up to a year following system acceptance.

System Operation and Service Manuals shall be provided for this training.

The Contracting Officer will detail additional specifics of the training session(s).

The Owner may take advantage of the training at any time before acceptance, or within one (1) year of acceptance.

1.10 MAINTENANCE

Service Contract: Submit the costs for a one-year service contract, commencing with the completion of the one-year warranty. These contracts shall be fixed-cost, and can be accepted at the option of the Owner. Each contract shall include the following services:

Provide a total of eight (8) one-day visits per year, or a total of sixty-four (64) engineering/service labor hours to conduct preventive maintenance and the owner directed system adjustments. Each visit will include cleaning video and audio heads, checking and replacing projection lamps and indicators, checking and repairing microphones and microphone cables, and conducting subjective and objective tests of the audio, video, and control systems of the installed audiovisual systems. The Repair and/or adjust any malfunctioning components located by the technician during this testing. Include control system programming updates and modifications as part of this service contract, providing an updated editable copy of the source code. Provide a service telephone number, staffed by a qualified technician familiar with the equipment installed by the vendor in the Owner Facility. Staff this number during normal business hours. Respond with an on-site technician within 24-hours of a service call (including Saturdays and Sundays) for all equipment and system failures. There shall be no cost to the Owner for maintenance performed under these service contracts beyond the fixed cost of the contracts. Include under normal service contract visits, updates to both control and video wall system programming acceptance, or within one (1) year of acceptance.

PART 2 PRODUCTS

2.1 PRODUCTS AND MANUFACTURERS

Equipment Lists: Refer to the attachments following this Section for materials and equipment

required to complete the work of this Section.

PART 3 EXECUTION

3.1 ACCEPTABLE INSTALLERS

Designate to the Owner in writing, the responsible person who shall ensure timely and consistent communication with the Owner on progress of the contract. The designated representative shall have full knowledge of all engineering and production procedures and shall report status of the installation and upcoming work plans to the Contracting Officer consultant on a weekly basis. Project manager shall have successfully managed not less than five (5) projects of similar size and scope as defined in previous sections. Bid submission shall detail the percentage of time the project manager and other key personnel will be involved with the project.

3.2 PREPARATION

Where work is to be installed in, wired to, fitted to, attached to, or in any manner integrated with the work of another Trade Contractor or General Contractor, so advise the Owner in sufficient time to permit the installation, fitting, attachment, or integration of said work in an orderly manner, and shall furnish the other firms details and instructions required to complete their work. Where the work of another contractor is to be installed in, wired to, fitted to, attached to, or in any manner integrated with your work, coordinate with the other trades in a timely manner.

3.3 INSTALLATION

General:

All installation work shall be in accordance with, but not limited to, this specification and drawings. Work practices shall be performed in accordance with applicable standards, requirements, and recommendations of Federal and Local authorities having jurisdiction.

All discrepancies discovered and any discrepancies which are apparent at the date of submission of bids, shall be immediately corrected without additional charge to the Owner.

Clearly label all user controls for intended use and nominal setting. These labels shall be engraved and filled, or equal. Accessible controls that should not be changed (audio equalizer settings, etc.) shall be covered.

NOTE: "Dymo" labels are not acceptable.

All equipment to be rack mounted shall be supplied with the appropriate rack mount kits. Each instructor's station and rack enclosure to have a single button on/off power distribution panel to include pull outlights and LED voltage indicator (Furman PL-Pro D II or equal) located in the first available rack unit. All equipment racks to include removable, locking front doors and a 30-minute uninterruptable power supply (rack mount or free-standing at bottom of rack). Each instructor's station or equipment rack shall include a 4-inch diameter, low-noise fan. All rack and instructor stations shall include "security

type" screws to secure rack-mounted components.

Physical Installation:

Provide plate as shown. Plate to occupy first available rack unit in all AV equipment racks. If more than two (2) racks are positioned together, one (1) plate for every two racks is acceptable.

Product: Liberty Cable #23123

All equipment shall be firmly secured in place unless requirements of portability dictate otherwise. Unless granted specific permission by the Customer Project Manager or Contracting Officer, install and secure all boxes, equipment, etc., plumb and square.

Fastenings, mounting brackets and supports shall be adequate to support their loads with a safety factor of at least three (3). A safety chain or cable will be tied to all equipment suspended from above in the installation of equipment and cable, consideration shall be given not only to operational efficiency, but also to overall aesthetic factors.

3.4 AUDIOVISUAL CABLE INSTALLATION

General: Because of the great number of possible variations in grounding systems, follow good engineering practice, as outlined above, and to deviate from these practices only when necessary to minimize crosstalk and to maximize signal-to-noise ratios in the audio, video, and control systems. Inform the Contractor and County IT in the event there is a deviation from the standard grounding practices prior to actually performing the work. All grounding within the Emergency Operations and Emergency Communications Centers must meet the standards identified by Motorola's R56 guidelines.

All cables, regardless of length, shall be marked with wrap around cable markers at both ends. There shall be no unmarked cables at any place in the system. Marking codes used on cables shall correspond to codes shown on "as-built" drawings and/or run sheets. The labeling and numbering system will be coordinated with County IT.

All microphones to include 30ft. cable with heavy-duty jacket and XLR connectors.

Loudspeakers operating @ 8 ohm shall be installed with 12AWG cable as a minimum size/diameter.

Wall/floor box I/O panels shall be installed with audio/video line driver on runs exceeding 35 ft.

All cabling shall be neatly strapped, dressed, and adequately supported. Any exposed cabling shall be neatly enclosed in a protective covering.

Terminal blocks, boards, uLi-i.ps, or connectors shall be furnished for all cables, which interface, with racks, cabinets, consoles, or equipment modules. All audio signal lines shall be balanced at the wallplate.

All cables shall be grouped according to the signals being carried in order to reduce signal contamination, form separate groups for the following cables:

Power cables

RGBHV, Video cables and Control cables
Data cables (when applicable)
Audio cables carrying low-level signals
Audio cables carrying line and high-level signals

Supply cables that meet the overall specifications, and approval by the Owner. Any cabling installed in walls or ceilings shall be plenumrated. All cables shall be cut to the length dictated by the run plus the required "slack" to permit future equipment movement and relocation. For equipment mounted in drawers or on slides, the interconnecting cables shall be provided with a service loop of appropriate length.

The cable manufacturer shall install no cable with a bend radius less than that recommended. Notify the Contractor in the event a field condition interferes with the proper installation of any cables or equipment.

Grounding Procedures: In order to minimize problems resulting from improper grounding and to achieve maximum signal-to-noise ratios, the following grounding procedures shall be adhered to:

All Grounding shall follow the procedures as outlined in the Motorola R56 "Standards and Guidelines for Communications Sites", 2005 or latest revision. (Use below as required with R56)

R56 System Ground: A single "system ground" shall be established for the system. All grounding conductors shall connect to this system ground. The system ground shall be provided in the equipment rack, and shall consist of a copper bar of sufficient size to accommodate all secondary ground conductors.

A copper conductor, having a maximum of 0.1 Ohms total resistance, shall connect the system ground bar to the nearest grounded, metallic electrical conduit of at least 2 inches in diameter. Be responsible for determining if the metallic conduit is properly electrically bonded to the building ground system, and shall show the grounding path of a document that is provided with the system documentation. Secondary system grounding conductors shall be provided from all ungrounded equipment in each area, to the primary system grounding point for the area. Each of these grounding conductors shall have a maximum of 0.1 Ohms total resistance.

Under no conditions shall the AC neutral conductor, either in the power panel or in a receptacle outlet, be used for a system ground.

Audio Cable Shields: All balanced audio cable shields shall be grounded at one point only. All audio lines shall be balanced at the source, prior to any cable pull longer than twenty feet. There are no exceptions. For ungrounded portable equipment, such as microphones, the shield shall be connected at both ends but grounded at only one end. Video Receptacles: All video receptacles shall be insulated from the mounting panel, outlet box, or wire-way.

Cable shall be plenum rated and marked if any section is installed in a plenum or riser condition. It is the responsibility of the contractor to identify plenum and riser conditions for correct cable selection

3.5 REPAIR/RESTORATION

Any damage to any installed work or product caused by the unpacking, transporting, assembly, connecting, or configuring of the product shall be repaired at no charge to the Owner.

3.6 FIELD QUALITY CONTROL

Once installed and the System Checkout is complete, the system shall be tested by the Owner.

If the A/V system fails to meet the requirements of this document or those stated by the technical documentation, then County IT shall reject the installed system and then be given notice (either oral or in writing) to correct the failure as soon as possible. If unable to overcome repeated performance deficiencies within thirty (30) days, and if requested to do so by the County IT, remove the equipment at no expense to the Owner.

No warranties shall begin until the AV Consultant and the Owner has authorized acceptance in writing. Right to Revoke Acceptance: If any equipment and/or goods which have been previously accepted, specifically or by the making of payment, are found to have defects, damage, deficiencies or fail to conform to the specification, for any cause not attributable to the Owner may revoke acceptance.

Acceptance Test: Testing will be performed with the AV Consultant and County IT to determine that the A/V system equipment satisfies the manufacturers' performance specifications and that the A/V system installed satisfactorily performs the functions required by this specification. Conduct formal pre-acceptance tests prior to the AV Consultant and County IT acceptance testing to ensure that the performance and functional specifications are satisfied by the installed system and the system is ready for the AV Consultant and County IT's acceptance. The AV Consultant and County IT will verify that the installed audiovisual system satisfies the performance and functional requirements through formal acceptance testing.

Conduct all pre-acceptance tests: The AV Consultant/Owner may witness the pre-acceptance tests. The AV Consultant and County IT may inspect and operate system components in order to evaluate installation progress and technical compliance prior to acceptance testing. Provide equipment necessary to demonstrate correct system performance. The Owner may conduct formal acceptance tests, and provide skilled technicians and test equipment as requested to assist the tests.

Contractor System Checkout

Perform system checkout before acceptance tests are scheduled. Furnish all required test equipment and perform all work necessary to determine and/or modify performance of the system to meet the requirements of this specification.

During performance testing, all equipment shall be operated under standard conditions as recommended by the manufacture. Test all audio and video systems for compliance with the Performance Standards using the following test procedures that follow later in this specification. Maintain documentation of all performance tests for reference by Consultant during the System Acceptance Tests.

At the conclusion of the tests, return all equipment settings to previously calibrated positions.

Provide written records of all test results in spreadsheet form.

Check all control functions, from all controlling devices to all controlled devices, for proper operation. Adjust, balance, and align all equipment for optimum quality and to meet the manufacturer's published specifications. Establish and mark normal settings for all level controls, and record these settings in the "System Operation and Maintenance Manual."

Provide testing results and settings for all equipment and systems to the Owner at least three (3) business days prior to System Acceptance Testing.

Provide the Owner with all test results, manuals, software, as-built documentation, etc. prior to acceptance testing in accordance with the dates and/or lead-times listed within this document. Inform the PM and Owner that the works are ready for System Acceptance Testing by the Owner. The works shall be considered ready for acceptance testing when the following conditions are met: AV Contractor has pre-tested all systems such that all sub-systems, functions, software, and equipment are de-bugged and operational

AV Contractor has supplied the Owner with the written test results and documentation as listed above for all rooms and systems AV Contractor has supplied the Owner with manuals, training materials, and other as-built documentation revised to reflect comments and/or revisions arising from the review cycles listed elsewhere within this document

Should the systems not be ready for testing by the Owner at the date(s) and time(s) indicated by the AV Contractor, system acceptance testing may be rescheduled at the sole discretion of the Owner. The AV Contractor shall pay for the labor and expenses of the Owner and other project team members assembled at the project site for the purpose of system acceptance testing for the date(s) of the original scheduled testing plus the labor and expenses of the Owner and other project team members for the rescheduled testing date(s). The labor rate for the Owner shall be a flat rate of \$200.00/hour including travel time. Other project team member labor costs shall be at their respective published rates. The PM and/or Consultant shall be entitled to deduct any money owed to the Owner, PM, Owner, or other project team members under this contract from any sum which may become due or is payable to the AV Contractor under this Contract for the purposes of satisfying the charges listed above test Equipment

Assemble the following test equipment or equivalent) on site.

Video signal generator, Leader 410C
RGBS signal generator, Extron VTG 150
Combined waveform monitor/vectorscope, Leader 5872A
RGBHV cable, Extron BNC-5-6'HR
Audio and Video cable, terminations, adapters, etc
Signal generator, Leader LAG-120B
AC millivoltmeter, Leader LMV-181A
Audio test set, Audio Precision PIPLUS

Prerecorded cassette tape
Audio Test CD
35mm Calibrated Test Slide
Programmable Video & Audio Test Generator, Extron VTG-400D

Audio

Absolute Impedances:

Set any speaker level controls at zero attenuation. Measure absolute impedance value of each speaker line at 250, 500, 1000, 2000, 4000 Hz without the amplifier connected but with all speakers connected. Impedance must not be below the rated load impedance of respective amplifier and may be any value equal to or above that. Check resistance of lines to all speakers and microphone receptacles with receptacles open and short-circuited.

Hum and Noise Level

Test overall hum and noise, it should be at least 60 dB below rated power output of each amplifier with amplifier controls set for optimum signal to noise and full output and with inputs terminated with proper shielded resistor (150 and 600 ohms).

Electrical Distortion:

Load power amplifiers with resistors matching nominal impedance of output terminals used in system in place of actual loudspeaker loads. Adjust gain controls as for hum and noise level test.

Apply 250, 500, 1000, 2,000, 4,000 Hz sine-wave signal from an oscillator having less than 0.1 percent T.H.D to each microphone and line level input at level required to produce full amplifier output. Distortion must measure less than 1 percent.

Parasitic Oscillation and RF Pickup

Set up system for each specified mode of operation. Use 5 MHz band with oscilloscope and speaker monitoring.

Check to insure that the system is free of spurious oscillation and RF pickup in the absence of any input signal and also with the system driven momentarily to full output at 160 Hz.

Buzzes, Rattles, Distortions:

Apply high quality music signal to the system. Adjust the sound system for frequent peaks at its specified maximum sound pressure level.

Apply sine-wave sweep from 50 to 5,000 Hz to 6 dB below full amplifier power.

In both cases, listen carefully for buzzes, rattles and objectionable distortion.

Correct all causes of such defects. If cause is not from system, promptly notify the Contracting Officer indicating cause and suggested corrective procedures.

Level Balance:

Adjust all items of similar equipment for identical measured voltage gain. Unless otherwise specified, render tamper proof using security covers on all controls effecting overall system level balance and signal to noise ratio, such as power amplifier input level control, and input-output level controls for equalizers etc. Some controls may require readjustment as the result of "Acceptance Testing". Equalize

all audio systems for maximum gain before feedback in all room configurations. Record all systems settings for inclusion into systems manuals

Video

Signal Paths

Utilizing a NTSC color bar generator and waveform analyzer with the video signal set at 100 percent saturation and 75 percent amplitude check the video performance specifications are met at the display devices from all source inputs to all system outputs.

Connect the combined waveform monitor/vectorscope to a final output point, e.g. an input to a picture monitor or video projector. Ensure the test signal is routed to the selected output.

Level Balance:

Adjust all video projection equipment to produce the best image possible. Ensure horizontal sweep circuitry is not over driven to the point of audible sweep frequencies being emitted.

Adjust all video monitor and videocassette players, video sources to produce the best image possible. Record all systems settings for inclusion into systems manuals

RGBHV:

For all RGBHV inputs, connect the RGBHV output of the signal generator to a floorbox/table/rack connector and select the SMPTE bar with "plunge pulse" signal at the following computer scan rates:

640 x 480 31.5kHz H, 120Hz V
640 x 480 37.8kHz H, 72Hz V
800 x 600 46.9kHz H, 75Hz V
800 x 600 53.7kHz H, 85Hz V
1024 x 768 60kHz H, 75Hz V
1024 x 768 68.8kHz H, 85Hz V
1280 x 1024 80kHz H, 75Hz V
1280 x 1024 91.2kHz H, 85Hz V

Check that the image is correctly displayed at all system outputs including the monitor(s) and/or by the video projector. Repeat using Crosshatch, Checkerboard, and H Pattern Signals.

Optical

All optical projection systems shall meet the following performance standards:

The total averaged light output from a projector, in lumens, shall be within plus-or-minus 15 percent of that specified by the projector manufacturer. The light fall-off from the center of the projected image to all four corners, as measured at the projected image plane, shall not exceed 35 percent for slide projector images. The light intensity shall be measured at all five positions of the projected image after the projector has been adjusted to provide the light output as specified above.

The "corner" locations shall be defined as the four points determined by intersecting lines drawn 5 percent of the distance in from the focused edges of the image. The light meter used for the above measurements shall be properly calibrated footcandle (or lux) meter and shall be cosine-corrected. Projectors, lenses, and mirrors shall be solidly mounted and braced so that there will be no observable movement in the image induced by motor vibration or other mechanical operations.

Qualification Methods: Three methods will be used to qualify the A/V system for acceptance.

Inspection - A critical observation of qualifying factors, such as quality of workmanship, equipment placement, routing of cables, adequacy of technical documentation, etc., that do not lend themselves to demonstration or measurement.

Demonstration - A process of showing by reason or evidence that a given condition clearly satisfies the requirement.

Measurement - A process of determining the actual dimension, capacity, or amount of something, by measuring using calibrated standards.

3.7 Scope of Work

This section describes the Audiovisual Systems (A/V) scope of work for the Catawba County Justice Center Public Safety (JCPS) expansion project.

This section also describes the responsibilities of the Audiovisual Integrator (AI) and Electrical Contractor (EC) in relation to products or systems, to be furnished and installed under the scope of this Division.

Work covered by this section shall consist of furnishing and installing all supervision and technical labor, material, equipment, and all appurtenances necessary to provide a complete and operational audiovisual system including but not limited to the following systems; video display and routing systems, video conferencing systems, IP television distribution, audio systems and equipment, remote control system, to meet the requirements of Catawba County. The work shall include but not be limited to the following:

- Installation of all conduit, pull cords, cable tray, and other raceway and infrastructure as required accommodating the audiovisual system cabling.
- Furnish and install all cabling and terminations required for the audiovisual systems.
- Provide all software, configuration, programming, start-up and commissioning of the audiovisual systems.
- Furnish and install all audiovisual devices, i.e., video displays, projectors, screens, video switching, processing and routing equipment, video codecs and cameras, interfaces, loudspeakers, microphones, DSP's and amplification equipment, integrated control system and touch screen controllers, power supplies, surge protection, etc.
- As this is a new facility the AV Contractor and contractor shall be responsible for proper coordination of raceways, power, equipment, etc. that will require a complete and operational system.

- All network switches, routers, wireless network links, and related network equipment shall be provided and installed by Catawba County. The AI and Contractor shall coordinate all audiovisual network requirements with Catawba County.
- Catawba County has standardized on Crestron Systems for their integrated control system and touch screen control panels.
-
- The County's audiovisual systems are administered by Catawba County Information Technology Department. Therefore it is a requirement of this project that the Audiovisual Integrator shall closely coordinate activities with the IT Department and its Operations Staff that will maintain these systems.

4. SUMMARY OF WORK

A. Justice Center

The expansion of the Catawba County Justice Center will include the build out of five (5) additional courtrooms, Judges Chambers and meeting rooms. Each of these new areas will provide state of the art audiovisual system supporting courtroom operations. To assist with the ease of use, each courtroom has been comparably configured to provide the necessary elements supporting courtroom activities.

The AV Contractor will procure; install and support an audio system in each courtroom allowing judges to control volumes in the courtroom, Juvenile interview room, and Family rooms associated with each courtroom. The AV Contractor will provide and configure microphones will be provided as shown ensuring muting and volumes capabilities are integrated into the overall AV system. Audio systems for the room will consist of ceiling and in-wall loudspeakers, amplifiers, DSP, and microphone mixers for sound and voice reinforcement. Microphones for voice reinforcement shall be table/lectern mounted as well as wireless handheld and lavalier types. An assisted listening system shall also be provided with IR transmitters and receivers for audience ADA participation. Inputs/Outputs:• PC audio for line level audio inputs in floor boxes• Wired and wireless microphones for voice reinforcement. • Assisted Listening System• IPTV decoder• TV Tuner

The AV Contractor will procure, install, and maintain video systems as depicted in the design documents. Podiums will be provided by the County to support installation of DVD/Blue Ray players, Elmo document camera, and document annotators as specified in the design documents. Video controls will be provided at the judge's bench, allowing the judge to preview and control the display of information at locations throughout the courtroom to include the large display behind the witness, witness stand display and clerk of court display. Controls for each position will be provided through a small form factor PC and 24" monitor as well as iPad Apps.

B. Lobbies and Meeting Rooms

Digital signage will be provided in each central lobby to facilitate dissemination of information related to facilities and courtroom operations. Digital signage applications provided by the AV Contractor all allow for the import of Microsoft documents (e.g. Word, PowerPoint, Excel, etc.) providing for easy import of court docket information. Large meeting rooms will be configured as designed allowing each room to be used as necessary to expand courtroom operations allowing video and audio feeds to be view and controlled by the respective courtroom's judge.

C. Intercom Systems

The Catawba County Justice Center and Public Safety will be outfitted with an IP based intercom system. The AV Vendor will procure and install IP based speakers as shown throughout the facility allowing the County IT personnel to connect, configure, and create zones for intercom usage. The AV Contractor WILL NOT be required to configure or integrate these speakers.

D. Emergency Operations Center (EOC)

The Emergency Operations Center (EOC) will be the County's central command and control facility responsible for carrying out the principles of emergency preparedness and emergency management, and disaster management functions at a strategic level in case of any emergency situations, and ensuring the continuity of operation of response by the various County Departments such as , law enforcement, fire, rescue, emergency medical services and public utilities and any other local, state or federal government agency. When activated, the EOC may operate around the clock 24 hours a day 7 days per week for a given period of time. The EOC consists of many different types of rooms to support its operations, most requiring multiple A/V systems. Rooms requiring A/V systems for this System include:

EOC Operations Room

- Video Display Systems. The primary video display will be an arrangement of 55" ultra-thin bezel LED-LCD displays in a two (2) high by three (3) wide matrix along the west wall. In the EOC, a 55" wall mounted large format LCD display shall also be provided. All video is anticipated to be capable of copyright protection compliance (HDCP) for high definition use of copyright protected content. The entire system shall have video capability up to either WUXGA or 1080p/60 (depending on the exact aspect ratio of the output source). It is anticipated to use HDMI as the standard with other inputs (RGBHV/HD15, HDMI, Ethernet) with converters or dongles needed for a complete system.
- EOC Operations – Multiple 65" wall mounted large format LCD displays shall be provided around this room. 65" LCD's shall be mounted on each wall as shown in the drawing package capable of

displaying content from multiple input sources. A lectern shall be provided by the Owner nearby for room presentations. Located at the lectern will be PC video/audio inputs, annotation device, document camera, microphone, and a control touch screen.

- Audio Systems Audio systems for the room will consist of ceiling and in-wall loudspeakers, amplifiers, DSP, and microphone mixers for sound and voice reinforcement. Microphones for voice reinforcement shall be table/lectern mounted as well as wireless handheld and lavalier types. An assisted listening system shall also be provided with IR transmitters and receivers for audience ADA participation. Inputs/Outputs: • PC audio for line level audio inputs in floor boxes • Wired and wireless microphones for voice reinforcement. • Assisted Listening System • IPTV decoder • TV Tuner
- Breakout Rooms (3)- Each room will have a minimum of one (1) 65" large format LCD display capable of displaying content from multiple input sources
- The Press Room shall host meetings with staff along with media and public officials to discuss and review various events. Several A/V multimedia systems will be required for this room for presentations and media function. Video from each event or meeting shall have the capability to be sent to other conference rooms within the EOC. A lectern will be provided for the Press Room presenter to address the audience and have the ability to control all the audiovisual devices. Located at the lectern will be PC video/audio inputs, annotation device, document camera, microphone, and a control touch screen.
- Video Display Systems. The primary video display will be a projector based system consisting of one (1) ceiling recessed motorized projection screen, tab-tensioned with a 16:10 aspect ratio, located along the east wall. High-resolution projector mounted in ceiling shall also be provided to project all video graphics. Additional supplemental 65" wall mounted large format LCD display shall be provided along the wall to serve as a video monitor. In-wall high-resolution production quality cameras shall be placed around the room to capture and record meetings as well as perform video teleconferencing operation. All video is anticipated to be capable of copyright protection compliance (HDCP) for high definition use of copyright protected content. The entire system shall have video capability up to either WUXGA or 1080p/60 (depending on the exact aspect ratio of the output source). It is anticipated to use HDMI as the standard with other inputs (RGBHV/HD15, DVI, Ethernet) with converters needed for a complete system. Inputs/outputs: • Video inputs for PC's in combination power/AV floor boxes or wall boxes. • Video inputs shall be provided at the lectern. •

- IPTV encoders/decoder • TV Tuners • Video Conferencing System including multiple video cameras (along the east and west walls) including, codec, processing and recording equipment, and digital IP encoder.
- Audio Systems Audio systems for the Press Room will consist of ceiling and in-wall loudspeakers, amplifiers, DSP, and microphone mixers for sound and voice reinforcement. Microphones for voice reinforcement shall be table/lectern mounted as well as wireless handheld and lavalier types. An assisted listening system shall also be provided with IR transmitters and receivers for audience ADA participation. Inputs/Outputs: • PC audio for line level audio inputs in floor boxes • Wired and wireless microphones for voice reinforcement. • Assisted Listening System • IPTV decoder • TV Tuner
- Control Systems - Owner provided iPad hand held devices running Crestron control software is preferred control system manufacturer. Wired touch panels shall be provided in the locations shown on the drawings to control all video, audio, and lighting. Preference will be given to hardwired controls with IR control used only if there is no other option. The control system shall have capability of full video viewing of preview and program. Sequencing power strips within the A/V racks will provide proper start-up sequence for equipment.
- EOC Coordinator, Director, Fire Marshall, and Deputy, EMS Manager and EMS Training Officer Video Display Systems.
 - The primary video display will be an arrangement of 55" ultra-thin bezel LED-LCD displays wall mounted large format LCD displays shall also be provided. All video is anticipated to be capable of copyright protection compliance (HDCP) for high definition use of copyright protected content. The entire system shall have video capability up to either WUXGA or 1080p/60 (depending on the exact aspect ratio of the output source). It is anticipated to use HDMI as the standard with other inputs (RGBHV/HD15, HDMI, Ethernet) with converters or dongles needed for a complete system capable of displaying content from multiple input sources. Audio Systems. Audio systems will consist of in-wall loudspeakers and amplifiers for program audio. Inputs/Outputs: • PC audio for line level audio inputs in wall boxes • IPTV decoder • TV Tuner
 - Control Systems Crestron is preferred control system manufacturer. Wired touch panels shall be provided in the locations shown on the drawings to control all video, audio, and lighting. Preference will be given to hardwired controls with IR control used only if there is no other option. The control system shall have capability of full video viewing of preview and program.

Sequencing power strips within the A/V racks will provide proper start-up sequence for equipment.

- Audio Systems Audio systems for the EOC rooms will vary. Most rooms will consist of ceiling and in-wall loudspeakers and amplifiers for sound reinforcement. The Press Room and EOC Operations will require wireless microphones, gooseneck microphone at the lectern and DSP's and microphone mixers. Inputs/Outputs: • PC audio for line level audio inputs in floor boxes. • Wired and wireless microphones for voice and video conferencing. • IPTV decoders • TV Tuners • Zoned loudspeaker cluster as required.

E. Emergency Call Center

- The ECC will host control room dispatch operators taking calls from members of the public in need of assistance through the 911 emergency number. This can be police, fire and ambulance or similar, or all of the above in the same building depending on the situation. The ECC operates 24 hours a day, 7 days a week. The ECC must have the capability to view building surveillance video, weather data and IPTV. Two supervisor positions are planned for the new ECC Operations Floor. Below is a summary of the major A/V system need for this space.
- Video Display Systems. This room shall include multiple 65" LCD displays as shown on the drawings located around the perimeter of the room. All video is anticipated to be capable of copyright protection compliance (HDCP) for high definition use of copyright protected content. The entire system shall have video capability up to either WUXGA or 1080p/60 (depending on the exact aspect ratio of the output source). It is anticipated to use HDMI as the standard with other inputs (RGBHV/HD15, DVI, Ethernet) with converters needed for a complete system.
- ECC Operations – Multiple 65" wall mounted large format LCD displays shall be provided around this room. 65" LCD's shall be mounted on the wall as shown in the drawing package capable of displaying content from multiple input sources.
- Control Systems Crestron is preferred control system manufacturer. Wired touch panels shall be provided in the locations shown on the drawings to control all video, audio, and lighting. Preference will be given to hardwired controls with IR control used only if there is no other option. The control system shall have capability of full video viewing of preview and program. Sequencing power strips within the A/V racks will provide proper start-up sequence for equipment.

B. Second Floor Meeting Room (Commissioner Board Room) Room - Video Display Systems.

- This room shall include one (1) 90" LCD display at the front of the room for video playback. All video is anticipated to be capable of copyright protection compliance (HDCP) for high definition use of copyright protected content. The entire system shall have video capability up to either WUXGA or 1080p/60(depending on the exact aspect ratio of the output source). It is anticipated to use HDMI as the standard with other inputs (RGBHV/HD15, DVI, Ethernet) with converters needed for a complete system.
- Inputs/outputs:
- Video inputs for PC's in combination power/AV floorboxes and or wall boxes.
- Video Teleconferencing Codec and camera
- IPTV decoder
- TV Tuner

Audio Systems Audio systems for this room will consist of ceiling and in-wall loudspeakers and amplifiers for sound and voice reinforcement. Microphones, amplifier, DSP and microphone mixers shall be provided. Inputs/Outputs: • PC audio for linelevel audio inputs in floor boxes. • Wired microphones for voice and video conferencing. • IPTV decoder • TV Tuner • Zoned loudspeaker cluster as required

Control Systems Crestron is preferred control system manufacturer. Wired touch panels shall be provided in the locations shown on the drawings to control all video, audio, and lighting. Preference will be given to hardwired controls with IR control used only if there is no other option. The control system shall have capability of full video viewing of preview and program. Sequencing power strips within the A/V racks will provide proper start-up sequence for equipment. 1st Floor Expandable Meeting Room(s) the envisioned audio-visual system shall be based upon the Barco/CMS control and switching system. This system makes use of software with highly reliable Hewlett Packard servers to route any video input to any video output or multiple video outputs. Additionally, this system provides a single point of control or multiple control points, which can provide different layers of access to the video/audio streams.

System specific equipment and the corresponding equipment specification and minimum requirements are listed below. Under no circumstance shall any equipment listed be replaced or substituted with a different brand/model without the prior written consent of the Owner Project Manager or designated individual.

Visualization and Data Collaboration (VDC) System Solution

The following Visualization and Data Collaboration environment features have been determined to be necessary for the functionality, reliability and security required for the Owner and shall be furnished and installed as specified herein:

- A. The Visualization & Data Collaboration solution shall have the ability to push and pull sources via mobile devices such as Android and Apple platform devices and place them on displays linked into the visualization solution.
- B. The VDC System shall have the capability to create desktop displays of content showing no less than nine different sources of content and then share that content with other desktop displays within the organization. Each desktop display shall be able to select to share or not share any of the sources on their desktop.
- C. The VDC system shall be comprised of true COTS* hardware components integrated using proven software based platform.
 - i. COTS* is defined as a major brand component commercially available from a manufacturer, other than the system supplier. (*Commercially Available Off the Shelf)
- D. The software , video processors, and control system shall:
 - i. Be windows based
 - ii. Shall have integrated device control i.e. turn on/off devices, switch inputs, turn on/off lights, change channels, manage VTC suites. Hardware based touch screen controllers that cannot be freely changed, managed, configured, expanded upon directly by the end user without the need for a dealer is not acceptable.
 - iii. Shall not have any reoccurring license fees
- E. The various systems that comprise the Visualization & Data Collaboration Environment include: multiple locations communicating with all operator consoles and enabled external workstations are to provide a complete and integrated collaborative interface and shall include all other media, user interfaces, and equipment as specified herein.

The VDC solution shall be a proven network centric software based system, field installed using COTS* commercial off the shelf hardware. The integrator shall have more than 5 such installations currently operating of which should be in federal, defense, homeland security and or infrastructure monitoring applications(*on a Federal, State and or local level.*) All equipment and labor shall be furnished and installed by the same AV contractor to ensure compatibility and quality assurance of the overall system

- F. All hardware components shall be manufacturer branded commercial-off-the-shelf (COTS*) products. Servers shall be latest generation, major brand, standard, commercially available models with manufacturer-direct support available. Acceptable brands would be HP, Dell, IBM, Super Micro, and Chassis Plans. Servers shall support an open *architecture of messaging and*

alerting, such as SNMP or NNP to monitor and alert network administrators of the health and status of failed components such as network interfaces, hard drives and power supplies.

- G. All servers, video processors, shall be loaded with and operate from Windows server 2003 or 2008, 2010 operating system that have been configured using the latest most current disk utility release.
- H. The system shall currently possess the ability to self-monitor and provide external alerts via Email and other forms of messaging.
- I. Users shall have the ability to view and control all permitted applications from any true network connected location.
- J. Permissions shall be User Defined by login with customizable functions, GUI and permissions by user or user group to allow separate view and control parameters to be set. The user interface shall be user definable per user or user group without the need for compiling of source code.
- K. The system shall have Zone Control to limit the operator's control to a specific area of the wall display.
- L. The system shall have Access Control so that an individual's or Group's access and control can be defined by user login.
- M. The system shall have the capability to size, display and control any number of sources, any common operating systems, with full keyboard and mouse control, without resolution limit, up to the full combined screen resolution.
- N. The system shall allow for the saving of wall states/views and their instant recall, manually or externally triggered. These presets or layouts shall be able to be recalled by any user based on their login permission. Multiple View screens shall be available simultaneously and available with a single mouse click.
- O. The system shall be completely user programmable, so that no third party programming resources are required. Any programming or configuration changes shall be immediate without the need for compiling of source code. This shall include the ability to create, modify and / or redesign custom GUIs, including labels and functionality.
- P. Source Labeling shall be included, i.e. a custom label functionality for sources that provides easy identification.
- Q. The system shall have the ability to Crop and Zoom source images. These image manipulation features shall be available for any source.
- R. Network Isolation Compatibility – System architecture shall allow for safe viewing and control of sources from multiple secure networks
- S. Unlimited Access Points – It shall be possible to add any number of access points to the systems, running on any types of Windows compatible devices including operator's desktop, touch screen, tablet PC, micro PCs, or large scale LCD panels or display walls (e.g. where the panel or wall is touch-screen capable allowing direct user interaction.)
- T. Access points shall include a simple, fully user configurable, entirely scalable tool bar allowing access to all system functionality and including a scalable virtual keyboard, to allow direct

mouse or touch screen operation on any size and any resolution display or display matrix, driven by any computer running under Windows.

- U. Content windows shall have optional integrated toolbars to allow direct content control and other functionality including crop and zoom, scaling and blending.
- V. A fully integrated web browser shall allow direct web page access, display, fully integrated store and recall, plus the import of favorites from Internet Explorer and Firefox. Said integrated browser shall be capable of displaying web pages free of standard browser toolbars and other visual overhead.
- W. Source computers, defined as computers that are to be displayed on any given display area shall not be limited by resolution. The solution shall be able to transport and display as a continuous window on the display area multi-screen desktops without the need for external scalers or processors.
- X. Software based KVM capability – System shall provide full support for multi-screen desktop displays, allowing multiple source /OS display and control from any authorized, network connected operator workstation. No additional hardware or third-party software shall be required to accomplish this functionality, only a network connection.
- Y. Quick Launch Sources – It shall be possible to instantly launch and display Word, Excel, PowerPoint, Project and AutoCAD files and JPEG, MPEG and other media files, by simply 'dragging' them from the Windows desktop, My computer or Windows explorer onto the Wall Management GUI i.e. access point, without the need to pre register or otherwise prepare the file or the system.
 - i. The Solution shall have an embedded OPC server for integration with building automation systems and industrial process controls.
 - ii. System shall have alert messaging that alerts operators manually or via automated triggers.
 - iii. The solution shall have an SDK to allow broad integration with third party applications, the SDK shall be provided to the end user and to third parties at no additional charge.
 - iv. The solution shall allow a broad range of device control including cameras, video source devices, TV tuners, satellite and cable boxes, sound, lighting, and other audio/video and mechanical devices and be capable of being programmed for new devices.
 - v. The solution shall be capable of integrating with and controlling Tandberg and Polycom video teleconferencing systems. RP – are these standards that match up with our needs?
 - vi. The Solution shall continuously monitor and report the status of the recommended DLP displays for health and status.
 - vii. The selected solution shall have a proven track record with at least 5 years in continuous operation and a minimum of 10 currently active display wall installations, using the specifically proposed technology and software.
 - viii. The selected systems integrator shall have demonstrated successful past performance by installing at least 5 control rooms in operation, and have demonstrated successful completion of multiple systems equal to or greater in contract value and complexity.

- ix. Additional consideration shall be given to those with greater proven performance numbers in terms of systems installed, value and complexity.
- x. The solution shall have an open and integrated capability to manipulate via software Pan, Tilt, Zoom (PTZ) camera control without the need for third party standalone application. The solution shall have an open and integrated capability via software to interface with IP Digital Video Recorder/ Servers, and Digital Video Recorders to enable very broad compatibility with IP video cameras and encoders. The IP decoding solution shall not require an analog output. The solution should be able to communicate directly to an IP camera or to the Network Digital Video Recorder via IP communications for decoding and rendering of a camera feed. Solution shall work with the County's Ocularis system.
- xi. The solution shall have an open and integrated web browser with the ability to save a web page as a source. The web browser shall be directly linked to individual Windows Operating System (OS) login profile. In this fashion the web browser shall be able to display the list of favorites that is associated with the individual's favorite list, e.g. in Internet Explorer or Firefox.

AV Contractor Considerations

- A. The technology and software components shall currently exist in their entirety and be functional and operational as an implemented solution.
- B. The selected AV Contractor shall have a **proven track record** with at least **5** display wall installations per year over the past **3 years**. The AV Contractor shall have demonstrated successful completion of multiple systems equal to or greater in contract value and complexity.
 - o Additional consideration will be given to those with greater proven performance numbers in terms of systems installed, value and complexity.
- C. The selected AV Contractor shall be able to provide any level of service support as desired by the purchaser directly to the end user. If the VDC system/solution is provided and installed by a manufacturer the end user shall be able to contract directly with the manufacturer, where all work is performed by the manufacturer and not by subcontractors, dealers, or vendors

System Maintenance and Software Upgrades

- A. The system provider shall be the same organization that writes the code for the visualization software.
- B. The system provider shall provide at least three detailed levels of elevated onsite service to the end user so that they can choose which plan best suits their needs.
- C. The system provider shall provide the personnel, skills and equipment to color balance and align the display cubes onsite at least twice a calendar year during off hours.
- D. The system provider shall provide an 800-phone number to call for assistance that will be answered by a person during normal business hours. The Vendor shall also provide the option for 24hr phone support
- E. The system provider shall provide an online database to log in questions or problems related to the system or to request a maintenance visit.
- F. The system provider shall provide periodic software updates to the customer during the calendar year.
- G. The system provider shall possess knowledge and experience in servicing and replacing all hardware components of the cubes including the prism and lenses (if DLP cubes are utilized).
- H. The system provider shall be able to provide personnel for additional onsite training.

Basis of Design: Aventura Technologies DH5-VW with VW-ESS1 software/license

3.7.2 Visualization & Data Collaboration System Sub-assemblies for EOC and ECC.

The following sub-assemblies, components or modules are to be used within the overall Barco/Creston solution and shall be provided by the vendor.

3.7.2.1 HD Television Tuner

- Receives ATSC, NTSC and QAM broadcasts
- RS-232 controllable
- Outputs HD RGB, Component, HDMI, Composite NTSC
- Provide optional rack kit (2RU)
- Provide RF AB Switch for Off the Air or cable source selection

Basis of Design: Contemporary Research 232-ATSC+ with CR RF-AB switch

3.7.2.2 Serial Device Controller

- No serial cable distance limitations between a host device and any serial devices located anywhere across an Ethernet network.
- Native COM, TTY, or TCP/IP socket communication modes
- 32 serial ports in a 1U rack mount space
- Web based configuration for setup and management
- Operating temperature of -37° to 74°C for extreme conditions
- Include NS-Link™ driver software

Basis of Design: Control DeviceMaster RTS P/N 99456-5

3.7.2.3 Audio Media Digital Signal Processor/Amplifier

- 8x8 (input/output) matrix mixing built in, with 4 ea 125W (70.7V) amplifier output channels with any input to any output.
- 8 built-in microphone preamp with gain of 0, +20dB, +40dB, and +60dB with 15V phantom power.
- Gain sharing automatic microphone mixing (Automixer) with automatic feedback suppression.
- Ambient noise compensation with adjustable HP/LP filters
- Dedicated Telephone/PBX input, transformer isolated.
- Post DSP Aux line level outputs with extensive signal processing capabilities (based upon SHARC 32bit DSP) and full 96kHz sample rate with 24-bit A/D-D/A audio resolution.
- Full control using software over 10/100 Base-T Ethernet.
- Built-in pink/white noise and sine wave generator.
- Frequency response shall be ± 1 dB 20Hz to 20kHz with Signal-to-Noise greater than 102dB (unweighted).
- Each input/output shall have six processing blocks configurable for Dynamics (ambient noise compensation, compressor/limiter, auto-leveler, ducker, gate), Gain, Equalization (31-band graphic, parametric x 10, feedback suppressor), Crossover, Delay, Metering, and signal generator.
- The routing stage shall allow the user to assign an input to any or a combination of outputs and separately adjust how much signal level goes to each output (mixer matrix).
- Rear panel Euroblock connectors for preset recall, DC remote level control, and data in/out.
- External control via wall remotes or Ethernet wall remotes.
- Mount in standard 19-inch rack using maximum of 2 RU (3.5 inches)
- Power 120VAC, 3.72A Maximum (1/3 power sine wave) and 251 BTU/hr, Max (1/3 power sine wave).
- Weight of 21 pounds

Basis of Design: Ashley Audio PEMA 4125.70 or equivalent.

3.7.2.4 Professional Conferencing DSP system

- Next-generation Acoustical Echo Cancellation - Full bandwidth (20Hz to 22Khz) echo cancellation
- Next-generation Noise Cancellation - Adaptive modeling to room ambient noise condition
- Increased resolution on Microphone Preamp stage 0-56 dB in 7 dB increments
- Pre-AEC routing for Sound Reinforcement Application with Maximum of 4 millisecond processing delay
- Integrated Ethernet and USB connections, SNMP and HTML remote management agents, Event scheduler and Diagnostic console
- Simplified Configuration Software - Drag & drop A/V and channel objects
- Next-generation Distributed Echo Cancellation® on every mic input
- First-mic priority delivers clear audio to the far end
- ALC & AGC keep participants' audio balanced and consistent
- Built in telephone interface and 10W power amplifier
- Enhanced expansion bus, featuring 18 mix-minus audio buses for routing between units
- Ten mic gating groups (four internal & six global) allow separation of mics into individual Mixer gating groups for greater configuration flexibility

Basis of Design: ClearOne Converge Prop 880T

3.7.2.5 AV Ethernet Switch

- Stackable Ethernet switch with 32-Gbps stack interconnect
- Up to 48 - 10/100/1000 ports with POE

- Four SFP uplink ports
- IP Base image feature set to include advanced quality of service (QoS), rate limiting, access control lists (ACLs), static routing, RIP and EIGRP stub routing capabilities.
- Layer 2 and Layer 3
- IPv6 support
- 10 Gigabit Ethernet support

Basis of Design: Cisco Catalyst 3750G-48PS-S

3.7.2.6 Optical DVI Extender

- Extend DVI signal via multimode fiber optic cable 500 meters (1,640 feet)
- Make use of LC type multimode optical fiber connectors
- 25-pin Male DVI-D connector
- R, G, B and clock transmitted separately by multimode fiber
- TX module shall utilize 850nm VCSEL Class 1 Laser product
- RX module shall use PIN Photo Diode
- Supports all DVI resolutions up to and including WUXGA (1920 x 1200) and 1080p and 2048x1080
- Self-detecting function for EDID information with any display (EDID is cached in Transmitter)
- Optional +5VDC External power supply
- Utilizes 50/125 um OM4 fiber optic cable
- Video bandwidth of 1.65Gbps (Single link)

Basis of Design: DVI Gear DVI-7311

3.7.2.7 DVI Digital Matrix Switch

- High performance digital matrix switcher with high speed routing engine that provides a non-blocking cross point matrix that shall allow any input to be routed to any number or combination of outputs.
- The digital matrix switch shall accommodate various signal formats, including single-link DVI, dual-link DVI, HDMI, Display Port, SD-SDI, HD-SDI, 3G-SDI, analog VGA, etc.
- Copper cable input with built-in equalization shall support direct connection of cables with lengths up to 60 meters (197 ft).
- Output signals shall be re-clocked to ensure precise, jitter-free signal transmission.
- Provide advanced EDID Management that provides total user control over every aspect of EDID handling with 100 memories (50 factory preset and 50 user-programmable).
- Provide full control of the matrix switch by USB connection, RS232/RS422 serial port, TCP/IP Ethernet connection, and by LAN using a built-in web interface.
- The routing matrix switcher shall be provided with a 33 input x 33-output configuration with all single-link DVI 29-pin Female DVI connectors.
- The digital matrix switcher shall have redundant hot-swappable power supplies to improve system reliability.
- The digital matrix switch shall have the ability for direct-connection to/from the switching router with copper cables, twisted pair (CAT-X) and optical cables with various connector types.
- The digital matrix switch shall support a maximum bit rate of 2.25Gbps per color.

Basis of Design: DVI Gear DVI-MXP-FR33R with MXP-DVID-IB inputs boards, MXP-DVID-OB output boards and DVI-7225_PS redundant power supplies or equivalent.

3.7.2.8 Video H.264 Encoder

- Ability to stream H.264 SD and HD video over any network to any device while maximizing bandwidth.
- Encode at multiple bit rates and resolutions simultaneously.
- Integrate into a complete enterprise IP video platform.
- 10/100/100 Mbps Ethernet via RF-45, static or DHCP
- Protocols: Unicast / Multicast, DiffServ (QoS), UDP / IPv4 and IPv6 / RTSP / RTCP / RTP / HTTP / RTSP Interleave / IGMP / MPEG-2 Transport Stream / Automatic Unicast (RTSP ANNOUNCE) / HTTPS Management / SSH / RTMP
- 4:3 Aspect Ratio Resolutions: D1 (720x480, 720x576), SIF (NTSC), QSIF (NTSC), CIF (PAL), QCIF (PAL), 400x304, 384x288 (PAL), 640x480, 320x240, 128x96, 192x144
- 16:9 Aspect Ratio Resolutions: 656x368, 512x288 (PAL), and 256x144
- High Definition input formats: 480i, 480p, 576i, 576p, 720p, 1080i, and 1080p
- Video Frame Rates: 0.5, 1, 2, 3, 5, 6, 7.5, 10, 15, 30 fps (NTSC) 60 fps (720p and below) 0.5, 1, 2.5, 5, 12.5, 25 (PAL) 50 fps (720p and below)
- HD 16:9 Aspect Ratio Resolutions: All standard definition resolutions listed above, plus 960 x 544, 720p (1280 x 720p), 1080p (1920 x 1080)
- Rates: 32kbps - 20Mbps
- Inputs: 3G-SDI, HD-SDI, HDMI, and Component

Basis of Design: Vbrick Systems Inc 7000 series H.264 encoder standalone unit or equivalent.

3.7.2.9 LCD Console Trays (Rack Mount)

- 1 RU Slide in tray for 19-inch equipment rack
- 17 inch LCD @ 1280 x 1024 resolution @ 120Hz
- Trackball and PS2 keyboard, USB pass through
- LCD Viewing Angle: 80° Horizontal/Vertical/Left/Right
- LCD Contract Ratio: 1000:1 and LCD Brightness: 250cd/m2
- Device support: PS/2 or USB
- Video connector: VGA
- Weight 35 pounds, 1.72(H) x 17.38(W) x 21.3(D) inches
- Power consumption 20 -24 watts, AC 100 - 240V

Basis of Design: Avocent ECS17KMMP-XXX

3.7.2.10 KVM Server Switch

- Ability to manage up to 4 CPUs (PC or MAC) using a single keyboard, mouse, and monitor
- Select CPUs from included IR remote, front panel source switch, or built-in serial port.
- Compatible with most IBM keyboard, mouse and video standards
- Excellent video resolution up to 1920 x 1200(single-link) and 3840 x 2400 (dual link).
- Support USB keyboards and mice.
- RS-232 port control and IR Remote control
- Advanced EDID Management
- Video Input/output connectors: (5) DVI-I 29-ping Female (DIGITAL ONLY)
- Audio Input/output connectors: (5) 3.5mm mini-stereo jack
- USB Input (Host) ports (4) USB 2.0 Type B and USB Output (Device) Ports: (2) USB 2.0 Type A
- 1.75(H) x 17.1(W) x 4.2-(D) inches, rack mount ears included, weights 11 lbs.

Basis of Design: Geffen EXT-DVIKVM-441DL or equivalent

3.7.2.11 KVM Extender

- EXTEND DVIU and USB 2.0 up to 200 feet over two CAT-6a cables
- Support high resolutions at long distances (1920 x 1200 @ 120Hz)
- Works over CAT 5, CAT 5E and CAT 6 cable (length to 150 ft on Cat 5 or 5e)
- Single and dual access units DIGITAL Only
- HDCP Pass through if required.
- Dual video models support multi-graphic card systems

Basis of Design: Geffen EXT-CAT5-1600HD

3.7.2.12 Ceiling Mounted Speakers (EOC only)

- Two-way full range coaxial ceiling loudspeaker, 8ohm or 70V/100V operations
- Operating range: 120Hz - 22kHz
- Frequency response: 80Hz - 20 kHz (± 5 dB)
- Max input range: 150W continuous, 375W program, 35Volts RMS, 77 volts momentary peak
- Transformer taps (70V): 120W, 60W, 30W, 15W and low impedance
- Distortion (1% Full Power): 2nd Harmonic 500Hz 0.09%, 2kHz 0.09%, 8kHz 0.71%
3rd Harmonic 500Hz 0.55%, 2kHz 0.11%, 8kHz 0.02%
- Sensitivity (1W/1m): 95 dB SPL (120Hz to 12.5 kHz 1/3 octave bands)
- Maximum Output: 117 dB SPL / 123 dB SPL (peak 8 ohm)
- Crossover Frequency: 1.3 kHz
- Nominal Coverage: 115° conical (500Hz to 6kHz)
- Drivers: LF 1 x 8 inch, HF 1 x 1.25 inch exit compression driver.
- Driver Protection: Self-resetting solid state circuit breaker
- Controls: Front-face wattage/low impedance selector switch
- Safety features: 4 x safety hang points
- Cutout diameter: 12.25 inches
- Weight: 16.4 pounds

Basis of Design: Community Professional Distributed Design D8

3.7.2.13 Wireless Microphone System (EOC Only)**Diversity Receiver**

- UHF Frequency range of 554-865MHz, with over 1400 selectable pre-programmed frequencies
- Automatic frequency selection with group scans function
- Predictive diversity
- 5 segment RF Meter and 5-segment audiometer
- Squelch adjustment
- Frequency and volume lockout
- Locking DC Connector on power supply
- XLR and 1/4 inch outputs

Basis of Design: Shure ULXP4 Diversity Receiver

Transmitter

- 3 segment battery gauge (capacity)
- Backlit LCD shows group and channel
- Adjustable frequency settings
- Up to 1400 selectable frequencies

- Frequency and volume lockout
- 8 hour battery life
- 300 ft (92m) operating range line of sight
- -20dB pad switch on body pack transmitter
- Hand Held Microphone Transmitter utilizes Beta 87a element

Basis of Design: Shure ULX1 Body Pack Transmitter and ULX2/B87A Hand Held Mic Transmitter

Antenna Distribution System (if required)

- Allows splitting one pair of antennas between multiple receivers
- Amplifies RF Signal to compensate for insertion loss from splitting signals to multiple outputs
- Front mounted Antenna hardware
- External Power Supply and rack mounting hardware
- Frequency Coverage, UHF: 470 to 952MHz
- Distributed RF Output Level (Gain): -0.5 to 3dB, 1dB typical, from antenna input (unused ports terminated with 50 Ohms)
- Output Connector Isolation - 30dB typical
- Third Order Intercept Point - 21dB typical
- RF Input/output Antenna connector - BNC
- Overall dimensions 1.75(H) x 19 (W) x 6.75 (D) inches with a weight of 3.6 pounds

Basis of Design: Shure UA844SWB

3.7.2.14 Display Monitors (other than video wall) EOC and ECC

The Monitors, other than the video wall, in these areas shall be mounted on a rail system with wall-mounted raceway. Junction boxes shall be placed in approximate positions to feed the wall mounted raceway signal and power for the monitors.

55 inch diagonal commercial LED/LCD Display

- 1920 x 1080 resolution (16:9), 240Hz edge lit LED LCD
- 5000:1 contrast ratio with 380 nits brightness
- 178° horizontal by 178° vertical viewing angle
- External control via RS-232 or RJ-45 ports
- Inputs: VGA (D-sub), DVI-D, Display Port, composite, Component, USB, HDMI, Stereo Mini Jack
- Outputs: DVI-D (Digital Loop out), Stereo Mini Jack
- Power Consumption: 160-Watts Typical/180 Watts maximum
- Operating environment: Temperature 0°-40°C, Non-condensing humidity 10-80%
- Built-in speakers (10W - 10W)
- VESA standard flat panel wall mount 400 x 400mm
- Maximum bezel width (any side) 5.2 mm, weight of 35.2 pounds

Basis of Design: Samsung UE-55A commercial display

3.7.2.15 Video Wall Display Monitors (EOC Only)

55 inch diagonal commercial LED/LCD Display

- 1920 x 1080 resolution (16:9), 120Hz direct-lit LED LCD
- 3500:1 contrast ratio with 500 nits brightness
- 178° horizontal by 178° vertical viewing angle
- External control via RS-232 or RJ-45 ports
- Inputs: VGA (D-sub), DVI-D, Display Port, composite, Component (Through VGA), HDMI x 2, RCA (L/R), stereo Mini Jack
- Outputs: DVI-D (Digital Loop out), Stereo Mini Jack
- Power Consumption: 225-Watts Typical/250 Watts maximum
- Operating environment: Temperature 0°-40°C, Non-condensing humidity 10-80%
- Built-in Lamp error detection, Anti-image retention, temperature sensor, etc.
- VESA standard flat panel wall mount 600 x 400mm
- Maximum bezel width (Left/Right or Top/Bottom) 5.2 mm, weight of 52.8 pounds

Basis of Design: Samsung UD-55A commercial display

3.7.2.16 Flat Panel Wall Mount (EOC Video Wall 2x3 configuration)

- Micro adjustable tilt mount for 37 to 63 inch Flat Panel Displays
- Depth from wall 94mm (3.7 inch) maximum, extends to 272 mm (10.7 inches)
- Ability for post-installation fine tuning of height and leveling up to 13mm (1/2 inch) up/down.
- Provides up to 14.5 inch of post-installation lateral shift (7.25 inch left/right of uprights)
- Audible click when the screen safely engages with the mount.
- Built-in cable stand with easy access under screen.
- Plumb adjusts up to 2.5°
- 21 x 34.56 x 3.7 inches (HxWxD)
- Weight capacity of 150 pounds

Basis of Design: Chief Manufacturing Fusion series LSMVU or equivalent.

3.7.2.17 Ceiling Mounted Projector

- Display technology shall be 0.67" 1-Chip DMD
- 1920 x 1200 Resolution
- Brightness - dual lamp 6500 lm, single lamp 3250 lm
- Contrast Ratio 2000:1
- Projection Lens f=24.5 - 33.1mm, F=2.0-2.4
- Picture size - 40" to 300"
- Throw ratio 1.77 - 2.27
- Video compatibility: NTSC/NTSC 4.43 / PAL / SECAM / PAL-60
- Input: PC - 5 BNC x 1, mini D-sub 15 x 1, DVI-D (with HDCP) x 1
- Video Input: BNC x 1, S-video (4pin) x 1, HDMI x 1, 3G-SDI x 1
- Communications terminals: RJ-45 LAN x 1, Serial (in) D-Sub 9pin Male x 1, Serial (out) D-sub 9pin Male x 1, Wired remote (in) x 1, Wired remote (out) x 1 ((both 3.5mm stereo mini jacks)), Remote D-sub 9pin Female x 1
- 19.3"(W) x 7.9" (H) x 16.6" (D) and weight of 35.3 pounds

Basis of Design: Mitsubishi Electric UD8400U

3.7.2.18 Ceiling mounted Projector Box and plate

- 6 gang box (minimum) w/AC Outlet box for 120VAC AV or Tech Power
- Dual RJ-45 connectors

- Video IN/Video OUT 75ohm BNCs
- VGA/HD-15 x 1
- SDI BNC connector x 1
- HDMI x 1
- RS-232 Female connector (DB-9)
- See Ceiling Plate/Box detail drawing

Basis of Design: LeGrand Wiremold EFB6S-FC or equal with appropriate Jack inserts

3.7.2.19 Projection Screen

- Motorized, Projection Screen, HDTV Format (52" x 92" - 16:9)
- Quiet motor with wireless remote control and infrared remote
- 120VAC, 120Hz, 3-wire motor mounted inside screen roller, 2.4amp draw maximum
- Motor instantly reversible, lifetime lubricated, with automatic overload cutout, capacitor and electric brake to prevent coasting.
- Preset and adjustable limit switches to automatically stop picture surface in down position.
- Screen fabric to be flame retardant and mildew resistant fiberglass with black masking borders.
- Hinges on case shall be mounted to allow matching of the doors to the ceiling.
- Case to be finished with a black primer coat, to accept final finish by others.
- Bottom of screen supported and masked by metal dowel weighted to apply proper vertical tension.
- Matt White finish, seamless with an extra drop to lower picture area by 12 inches at the top.
- Three-position control switch shall stop or reverse screen at any point
- Overall case length of 109-1/2" and weight of less than 100 pounds.

Basis of Design: Da-Lite Boardroom Electrol PN 79076

Assorted twisted-pair transmitters/receivers, baluns, interface converters, cable, connectors, receptacles, wall and floor AV, VGA/HDMI and CATV plates, terminations, wall and floor boxes and miscellaneous hardware required to install a complete and working system as specified.

3.7.3 Breakout Rooms (Training, Logistics, and Planning)

65 inch diagonal commercial LED/LCD Display

- 1920 x 1080 resolution (16:9), 120Hz LED LCD
- 4000:1 contrast ratio with 600 nits brightness
- 178° horizontal by 178° vertical viewing angle
- External control via RS-232 or RJ-45 ports
- Inputs: VGA (D-sub), DVI-D, Display Port, Component (VCBS), USB, HDMI, Stereo Mini Jack
- Outputs: DVI-D (Digital Loop out), Stereo Mini Jack
- Power Consumption:180-Watts Typical/200 Watts maximum
- Operating environment: Temperature 0°-40°C, Non-condensing humidity 10-80%
- Built-in speakers (10W - 10W), IR Sensor, ambient light sensor
- VESA standard flat panel wall mount 400 x 400mm
- Maximum 49" (W) x 28.3" (H) x 1.2" (D), weight of 37.6 pounds

Basis of Design: SamsungDE-65A commercial display

Flat Panel Wall Mount

- Micro adjustable tilt mount for 37 to 63 inch Flat Panel Displays/TVs
- Depth from wall 50mm (1.98 inch) maximum
- Ability for post-installation fine tuning of height and leveling up to 13mm (1/2 inch) up/down.
- Provides up to 17.5 inch of post-installation lateral shift (8.75 inch left/right of uprights)
- Audible click when the screen safely engages with the mount.
- Built-in cable stand with easy access under screen.
- Tilt up to 12° (may vary with screen height)
- 16.5 x 34.44 x 1.99 inches (HxWxD)
- Weight capacity of 200 pounds

Basis of Design: Chief Manufacturing Fusion Series LTM

Flat Panel In-Wall AV Connection Enclosure

- Deliver high-density connectivity and power in the wall for Flat Panel Displays/Televisions
- Allows Flat Panel displays/TVs or interactive smart boards to sit flush against wall
- 18 gauge white powder coated rugged steel base (in-wall)
- 2-gang enclosure
- Multiple AV Connector and device plate mounting locations within the box.
- Stud or sheetrock mounting
- Supplied with ABS (white) trim ring
- Shall accept standard RACO-565 electrical box with dual ac outlet

Basis of Design: Hubbell net SELECT FPTV box NSAV62M

Dual-Gang AV plate/box with at least one VGA and two HDMI connectors and two RJ-45 LAN connectors. Plate connections to match VGA/HDMI plate drawings. Standard AV wall plate/box in accordance with drawings.

Cable, connectors, receptacles, plates, terminations, and miscellaneous hardware required to install a complete and working system as specified.

3.7.4 Press Room

65 inch diagonal commercial LED/LCD Display

- 1920 x 1080 resolution (16:9), 240Hz edge lit LED LCD
- 5000:1 contrast ratio with 380 nits brightness
- 178° horizontal by 178° vertical viewing angle
- External control via RS-232 or RJ-45 ports
- Inputs: VGA (D-sub), DVI-D, DisplayPort, composite, Component, USB, HDMI, Stereo Mini Jack
- Outputs: DVI-D (Digital Loop out), Stereo Mini Jack
- Power Consumption: 160-Watts Typical/180 Watts maximum
- Operating environment: Temperature 0°-40°C, Non-condensing humidity 10-80%
- Built-in speakers (10W - 10W)
- VESA standard flat panel wall mount 400 x 400mm
- Maximum bezel width (any side) 5.2 mm, weight of 35.2 pounds

Basis of Design: Samsung UE-65A commercial display

Flat Panel Wall Mount

- Micro adjustable tilt mount for 37 to 63 inch Flat Panel Displays/TVs
- Depth from wall 50mm (1.98 inch) maximum
- Ability for post-installation fine tuning of height and leveling up to 13mm (1/2 inch) up/down.
- Provides up to 17.5 inch of post-installation lateral shift (8.75 inch left/right of uprights)
- Audible click when the screen safely engages with the mount.
- Built-in cable stand with easy access under screen.
- Tilt up to 12° (may vary with screen height)
- 16.5 x 34.44 x 1.99 inches (HxWxD)
- Weight capacity of 200 pounds

Basis of Design: Chief Mounts Fusion Series LTM

Flat Panel In-Wall AV Connection Enclosure

- Deliver high-density connectivity and power in the wall for Flat Panel Displays/Televisions
- Allows Flat Panel displays/TVs or interactive smart boards to sit flush against wall
- 18 gauge white powder coated rugged steel base (in-wall)
- 2-gang enclosure
- Multiple AV Connector and device plate mounting locations within the box.
- Stud or sheetrock mounting
- Supplied with ABS (white) trim ring
- Shall accept standard RACO-565 electrical box with dual ac outlet

Basis of Design: Hubbell net SELECT FPTV box NSAV62M

Ceiling Mounted Speakers (EOC only)

- Two-way full range coaxial ceiling loudspeaker, 8ohm or 70V/100V operations
- Operating range: 120Hz - 22kHz
- Frequency response: 80Hz - 20 kHz (\pm 5dB)
- Max input range: 150W continuous, 375W program, 35Volts RMS, 77 volts momentary peak
- Transformer taps (70V): 120W, 60W, 30W, 15W and low impedance
- Distortion (1% Full Power): 2nd Harmonic 500Hz 0.09%, 2kHz 0.09%, 8kHz 0.71%
3rd Harmonic 500Hz 0.55%, 2kHz 0.11%, 8kHz 0.02%
- Sensitivity (1W/1m): 95 dB SPL (120Hz to 12.5 kHz 1/3 octave bands)
- Maximum Output: 117 dB SPL / 123 dB SPL (peak 8 ohm)
- Crossover Frequency: 1.3 kHz
- Nominal Coverage: 115° conical (500Hz to 6kHz)
- Drivers: LF 1 x 8 inch, HF 1 x 1.25 inch exit compression driver.
- Driver Protection: Self-resetting solid state circuit breaker
- Controls: Front-face wattage/low impedance selector switch
- Safety features: 4-x-safety hangs points
- Cutout diameter: 12.25 inches
- Weight: 16.4 pounds

Basis of Design: Community Professional Distributed Design D8

Wall Mounted Volume Control

- 100 Watt power rating
- 3dB attenuation per step, 10 steps plus OFF
- 27dB total attenuation
- Insertion loss .6dB
- Plate style - Decora 1 gang

Basis of Design: Atlas Sound AT-100D

High Definition PTZ Cameras

- High Definition, 1/3 inch CCD, 1.3 Megapixel imaging device
- Resolution: HD 1080p, 1080i or 720p @ 59.94; 1080p @ 60; 1080p, 1080i or 720p @ 50 SD: Composite NTSC or PAL (simultaneous with HD output)
- Lens: 18x Optical zoom
- Focal Length: f=4.7 to 84.6 mm
- Horizontal viewing angle: 3.2 to 55.2 degrees (16:9)
- Video S/N ratio: > 50 dB
- Control protocol: VISCA
- Serial Communications: RS-232 (9600 or 38,400)
- Pan Range: +170 degrees to -170 degrees
- Tilt Range: +90 degrees to -30 degrees
- Pan/Tilt speed: 0.25° to 60° /second
- Preset Positions: 16 (internal), 6 recalled by IR Remote
- Power input: 12VDC
- HD Video output: D-Sub 15 pin / Component HD (Y, Pb, Pr)
- SD output: BNC Composite
- Camera Control: RJ-45 with RS-232C (VISCA)
- Operating Temperature: 0° to +40° C
- Power consumption: Max 25 Watts (without accessory card)
- Weight: 5.8 pounds

Basis of Design: Vaddio ClearView HD-18 or Panasonic HE-120 or equivalent

Ceiling Mounted Microphone

- Condenser microphone element
- Frequency response: 120Hz to 10kHz
- Polar Pattern: hypercardioid
- Fully integrated pre-amp
- Complete immunity from cell phones or GSM devices
- Six inch white gooseneck body
- Optional metal safety junction box shall be installed with the microphone
- 18 to 52v phantom powered
- 3 pin mini-XLR connector

Basis of Design: Audix M40WHC-6 or equivalent

Single gang AV Box/plate with at least one CATV Type F connector and one BNC-75 ohm connector for distribution of CATV signals.

Dual-Gang AV plate/box with at least one VGA and two HDMI connectors and two RJ-45 LAN connectors. Plate connections to match VGA/HDMI plate drawings.

Cable, connectors, receptacles, plates, terminations, and miscellaneous hardware required to install a complete and working system as specified.

3.7.5 Shared Conference Room

65 inch diagonal commercial LED/LCD Display

- 1920 x 1080 resolution (16:9), 120Hz LED LCD
- 4000:1 contrast ratio with 600 nits brightness
- 178° horizontal by 178° vertical viewing angle
- External control via RS-232 or RJ-45 ports
- Inputs: VGA (D-sub), DVI-D, Display Port, Component (VCBS), USB, HDMI, Stereo Mini Jack
- Outputs: DVI-D (Digital Loop out), Stereo Mini Jack
- Power Consumption: 180-Watts Typical/200 Watts maximum
- Operating environment: Temperature 0°-40°C, Non-condensing humidity 10-80%
- Built-in speakers (10W - 10W), IR Sensor, ambient light sensor
- VESA standard flat panel wall mount 400 x 400mm
- Maximum 49" (W) x 28.3" (H) x 1.2" (D), weight of 37.6 pounds

Basis of Design: Samsung DE-65A commercial display

Flat Panel Wall Mount

- Micro adjustable tilt mount for 37 to 63 inch Flat Panel Displays/TVs
- Depth from wall 50mm (1.98 inch) maximum
- Ability for post-installation fine tuning of height and leveling up to 13mm (1/2 inch) up/down.
- Provides up to 17.5 inch of post-installation lateral shift (8.75 inch left/right of uprights)
- Audible click when the screen safely engages with the mount.
- Built-in cable stand with easy access under screen.
- Tilt up to 12° (may vary with screen height)
- 16.5 x 34.44 x 1.99 inches (HxWxD)
- Weight capacity of 200 pounds

Basis of Design: Chief Mounts Fusion Series LTM

Flat Panel In-Wall AV Connection Enclosure

- Deliver high-density connectivity and power in the wall for Flat Panel Displays/Televisions
- Allows Flat Panel displays/TVs or interactive smart boards to sit flush against wall
- 18 gauge white powder coated rugged steel base (in-wall)
- 2-gang enclosure
- Multiple AV Connector and device plate mounting locations within the box.
- Stud or sheetrock mounting
- Supplied with ABS (white) trim ring
- Shall accept standard RACO-565 electrical box with dual ac outlet

Basis of Design: Hubbell net SELECT FPTV box NSAV62M

Dual-Gang AV plate/box with at least one VGA and two HDMI connectors and two RJ-45 LAN connectors. Plate connections to match VGA/HDMI plate drawings.

Cable, connectors, receptacles, plates, terminations, and miscellaneous hardware required installing a complete and working system as specified.

3.7.6 Vending Room

55 inch diagonal commercial LED/LCD Display

- 1920 x 1080 resolution (16:9), 120Hz LED LCD
- 5000:1 contrast ratio with 600 nits brightness
- 178° horizontal by 178° vertical viewing angle
- External control via RS-232 or RJ-45 ports
- Inputs: VGA (D-sub), DVI-D, Display Port, Component (VCBS), USB, HDMI, Stereo Mini Jack
- Outputs: DVI-D (Digital Loop out), Stereo Mini Jack
- Power Consumption: 150-Watts Typical/170 Watts maximum
- Operating environment: Temperature 0°-40°C, Non-condensing humidity 10-80%
- Built-in speakers (10W - 10W), IR Sensor, and ambient light sensor
- VESA standard flat panel wall mount 400 x 400mm
- Maximum 41.6" (w) x 24.1 (h) x 1.2" (d), weight 27.5 pounds

Basis of Design: Samsung DE-55A commercial display

Flat Panel Wall Mount

- Micro adjustable tilt mount for 37 to 63 inch Flat Panel Displays/TVs
- Depth from wall 50mm (1.98 inch) maximum
- Ability for post-installation fine tuning of height and leveling up to 13mm (1/2 inch) up/down.
- Provides up to 17.5 inch of post-installation lateral shift (8.75 inch left/right of uprights)
- Audible click when the screen safely engages with the mount.
- Built-in cable stand with easy access under screen.
- Tilt up to 12° (may vary with screen height)
- 16.5 x 34.44 x 1.99 inches (HxWxD)
- Weight capacity of 200 pounds

Basis of Design: Chief Mounts Fusion Series LTM

Flat Panel In-Wall AV Connection Enclosure

- Deliver high-density connectivity and power in the wall for Flat Panel Displays/Televisions
- Allows Flat Panel displays/TVs or interactive smart boards to sit flush against wall
- 18 gauge white powder coated rugged steel base (in-wall)
- 2-gang enclosure
- Multiple AV Connector and device plate mounting locations within the box.
- Stud or sheetrock mounting
- Supplied with ABS (white) trim ring
- Shall accept standard RACO-565 electrical box with dual ac outlet

Basis of Design: Hubbell net SELECT FPTV box NSAV62M

Single gang AV Box/plate with at least one CATV Type F connector and one BNC-75 ohm connector for distribution of CATV signals.

3.7.7 Public Meeting Room (This room may be split for two simultaneous meetings)

65 inch diagonal commercial LED/LCD Display

- 1920 x 1080 resolution (16:9), 120Hz LED LCD
- 5000:1 contrast ratio with 600 nits brightness
- 178° horizontal by 178° vertical viewing angle
- External control via RS-232 or RJ-45 ports
- Inputs: VGA (D-sub), DVI-D, Display Port, Component (VCBS), USB, HDMI, Stereo Mini Jack
- Outputs: DVI-D (Digital Loop out), Stereo Mini Jack
- Power Consumption: 150-Watts Typical/170 Watts maximum
- Operating environment: Temperature 0°-40°C, Non-condensing humidity 10-80%
- Built-in speakers (10W - 10W), IR Sensor, and ambient light sensor
- VESA standard flat panel wall mount 400 x 400mm
- Maximum 41.6" (w) x 24.1 (h) x 1.2" (d), weight 27.5 pounds

Basis of Design: Samsung DE-65A commercial display

Flat Panel Wall Mount

- Micro adjustable tilt mount for 37 to 63 inch Flat Panel Displays/TVs
- Depth from wall 50mm (1.98 inch) maximum
- Ability for post-installation fine tuning of height and leveling up to 13mm (1/2 inch) up/down.
- Provides up to 17.5 inch of post-installation lateral shift (8.75 inch left/right of uprights)
- Audible click when the screen safely engages with the mount.
- Built-in cable stand with easy access under screen.
- Tilt up to 12° (may vary with screen height)
- 16.5 x 34.44 x 1.99 inches (HxWxD)
- Weight capacity of 200 pounds

Basis of Design: Chief Mounts Fusion Series LTM

Flat Panel In-Wall AV Connection Enclosure

- Deliver high-density connectivity and power in the wall for Flat Panel Displays/Televisions
- Allows Flat Panel displays/TVs or interactive smart boards to sit flush against wall
- 18 gauge white powder coated rugged steel base (in-wall)
- 2-gang enclosure
- Multiple AV Connector and device plate mounting locations within the box.
- Stud or sheetrock mounting
- Supplied with ABS (white) trim ring
- Shall accept standard RACO-565 electrical box with dual ac outlet

Basis of Design: Hubbell net SELECT FPTV box NSAV62M

Single gang AV Box/plate with at least one CATV Type F connector and one BNC-75 ohm connector for distribution of CATV signals.

Dual-Gang AV plate/box with at least one VGA and two HDMI connectors and two RJ-45 LAN connectors. Plate connections to match VGA/HDMI plate drawings.

Cable, connectors, receptacles, plates, terminations, and miscellaneous hardware required to install a complete and working system as specified.

3.7.8 Large Courtroom (2012 and Alt 1043)

90 inch diagonal LED/LCD Flat Panel Display

- High definition 1920 x 1080 w/450 cd/m² brightness and 4000:1 contrast ratio
- Certified for 24/7 operation
- Viewing angle: 176° H x 176° V
- Active screen area: 69 3/4" x 39 1/4 inch
- Frame rate of 60 Hz
- Connectors: Analog mini-Dsub 15, DVI-D 24 pin (HDCP compatible), 3.5mm stereo jack, S-Video, Component (BNC), HDMI, RCA (L/R), RJ-45 LAN port and RS-232 D-sub 9-pin.
- Output connectors: DVI-D 24-pin and RCA (L/R)
- Built-in 7W + 7W Stereo speakers (requires PN-ZB01)
- Web browser settings (LAN) requires PN-ZB01
- Operating temperature range: 0 - 40° C with operating humidity range: 20-80% RH (no condensation)
- 73 9/16" (w) x 43 1/16" (h) x 4 13/16" (d), weight 174.2 pounds.

Basis of Design: Sharp PN-E902 or equivalent

Flat Panel Wall Mount

- Micro adjustable tilt mount for 50 to 80 inch Flat Panel Displays/TVs
- Depth from wall 50mm (1.97 inch) maximum
- Ability for post-installation fine-tuning of leveling.
- Provides for post-installation lateral alignment
- Lock-It™ security barrel included.
- Mounting pattern of 200 x 200mm up to 1100 x 700mm
- tilt up to 8°
- 28.35 x 45.21 x 1.97 inches (HxWxD) with weight of 21 pounds
- Weight capacity of 300 pounds

Basis of Design: Premier Mounts P5080T or equivalent

Flat Panel In-Wall AV Connection Enclosure

- Deliver high-density connectivity and power in the wall for Flat Panel Displays/Televisions
- Allows Flat Panel displays/TVs or interactive smart boards to sit flush against wall
- 18 gauge white powder coated rugged steel base (in-wall)
- 2-gang enclosure
- Multiple AV Connector and device plate mounting locations within the box.
- Stud or sheetrock mounting
- Supplied with ABS (white) trim ring
- Shall accept standard RACO-565 electrical box with dual ac outlet

Basis of Design: Hubbell net SELECT FPTV box NSAV62M

Ceiling Mounted Speakers

- Two-way full range coaxial ceiling loudspeaker, 8ohm or 70V/100V operations
- Operating range: 120Hz - 22kHz
- Frequency response: 80Hz - 20 kHz (± 5dB)

- Max input range: 150W continuous, 375W program, 35Volts RMS, 77 volts momentary peak
- Transformer taps (70V): 120W, 60W, 30W, 15W and low impedance
- Distortion (1% Full Power): 2nd Harmonic 500Hz 0.09%, 2kHz 0.09%, 8kHz 0.71%
3rd Harmonic 500Hz 0.55%, 2kHz 0.11%, 8kHz 0.02%
- Sensitivity (1W/1m): 95 dB SPL (120Hz to 12.5 kHz 1/3 octave bands)
- Maximum Output: 117 dB SPL / 123 dB SPL (peak 8 ohm)
- Crossover Frequency: 1.3 kHz
- Nominal Coverage: 115° conical (500Hz to 6kHz)
- Drivers: LF 1 x 8 inch, HF 1 x 1.25 inch exit compression driver.
- Driver Protection: Self-resetting solid state circuit breaker
- Controls: Front-face wattage/low impedance selector switch
- Safety features: 4 x safety hang points
- Cutout diameter: 12.25 inches
- Weight: 16.4 pounds

Basis of Design: Community Professional Distributed Design D8

Audio Media Digital Signal Processor/Amplifier

- 8x8 (input/output) matrix mixing built in, with 4 ea 125W (70.7V) amplifier output channels with any input to any output.
- 8 built-in microphone preamp with gain of 0, +20dB, +40dB, and +60dB with 15V phantom power.
- Gain sharing automatic microphone mixing (Automixer) with automatic feedback suppression.
- Ambient noise compensation with adjustable HP/LP filters
- Dedicated Telephone/PBX input, transformer isolated.
- Post DSP Aux line level outputs with extensive signal processing capabilities (based upon SHARC 32bit DSP) and full 96kHz sample rate with 24-bit A/D-D/A audio resolution.
- Full control using software over 10/100 Base-T Ethernet.
- Built-in pink/white noise and sine wave generator.
- Frequency response shall be ± 1 dB 20Hz to 20kHz with Signal-to-Noise greater than 102dB (unweighted).
- Each input/output shall have six processing blocks configurable for Dynamics (ambient noise compensation, compressor/limiter, auto-leveler, ducker, gate), Gain, Equalization (31-band graphic, parametric x 10, feedback suppressor), Crossover, Delay, Metering, and signal generator.
- The routing stage shall allow the user to assign an input to any or a combination of outputs and separately adjust how much signal level goes to each output (mixer matrix).
- Rear panel Euro block connectors for preset recall, DC remote level control, and data in/out.
- External control via wall remotes or Ethernet wall remotes.
- Mount in standard 19-inch rack using maximum of 2 RU (3.5 inches)
- Power 120VAC, 3.72A Maximum (1/3 power sine wave) and 251 BTU/hr, Max (1/3 power sine wave).
- Weight of 21 pounds

Basis of Design: Ashley Audio PEMA 4125.70 or equivalent.

Automatic Microphone Mixer

- Four channel automatic mic mixer for use in sound reinforcement.
- Each input channel shall have a two-band equalizer and three logic terminals
- Fast, noise-free microphone selection, which automatically adjust to changes in background noise.
- Last Mic Lock-On circuit maintains ambient sound.

- Adjustable EQ for each channel
- Active balanced microphone-level XLR inputs and an active balanced Mic/Line level XLR output
- Unbalanced auxiliary-level phono output.
- Low impedance mic input (150ohm)
- Common mode rejection > 70dB @ 1kHz
- Polarity: All inputs to all outputs are non-inverting
- 1.75 (h) x 8.625 (w) x 10.5 (d) with a net weight of 3.86 pounds
- Fits in half rack space

Basis of Design: Shure SCM410

Desktop remote level control

- Desktop controller with XLR (Male) data connector.
- Eight channel faders and one master fader, each with a level control and an on/off button (with green LED to indicate status.
- Fader range of +10db to -75dB
- Max data cable length: 1000 ft using #24 gauge twisted pair
- Phantom powered
- 7.3"(w) x 3.4"(h) x 1.6" (d) and weight of less than 3 pounds
- can be assigned in Protea NE software as a remote level control tool for one or several inputs/outputs.

Basis of Design: Ashley Audio RD-8C

Networked Remote Control

- Programmable Ethernet based remote control unit.
- Designed to mount in standard NA electrical wall box (single gang) and use standard decora cover plate (not included).
- Connection and power using standard CAT-5 or CAT-6 Ethernet cable and POE.
- Six programmable function buttons, which light up red, amber or green to display status with
Two other buttons used to adjust function parameters such as gain or preset number.
- Two-digit LED display/read out.
- May provide control features such as preset recall/scroll, mute, zone source selection, Individual channel and matrix point level control, etc.
- All programming is done across the network using Protea NE software

Basis of Design: Ashley Audio neWR-5

Desktop Microphones

- Miniature electret condenser gooseneck microphone with a desktop base and attached 10ft cable.
- Wide dynamic range and frequency response: 50 Hz to 17kHz
- Programmable on/off switch and LED on/off indicator.
- 12-inch gooseneck
- Power requirements: 11-52VDC phantom power, 2.0ma
- Open circuit sensitivity (at 1kHz ref 1 volt per Pascal): -33.5 dBv (Cardioid)
- Maximum SPL: 123.0 dB (Cardioid)
- Signal to noise ratio: 65.0 dB (Cardioid)
- Dynamic range (1kohm load) 94.0 dB
- Common mode rejection: 45.0dB

- Mute switch attenuation: 50.0 dB
- Cardioid Cartridge: R185B

Basis of Design: Shure MX412D

Lavalier microphone w/Tie clip

- Omnidirectional, subminiature electret condenser microphone design for use in sound reinforcement.
- Supplied with a mounting block and attached tie-bar.
- Includes 6 ft cable with 4-pin TA4F connector
- Output impedance: 3000 ohms
- Sensitivity: -38 dBv/Pa
- Maximum SPL: 120 dB SPL
- Dynamic range: 102 dB
- Output noise (A weighted): 18 dB SPL

Basis of Design: Shure WL93-6

Professional Conferencing DSP system

- Next-generation Acoustical Echo Cancellation - Full bandwidth (20Hz to 22Khz) echo cancellation
- Next-generation Noise Cancellation - Adaptive modeling to room ambient noise condition
- Increased resolution on Microphone Preamp stage 0-56 dB in 7 dB increments
- Pre-AEC routing for Sound Reinforcement Application with Maximum of 4 millisecond processing delay
- Integrated Ethernet and USB connections, SNMP and HTML remote management agents, Event scheduler and Diagnostic console
- Simplified Configuration Software - Drag & drop A/V and channel objects
- Next-generation Distributed Echo Cancellation® on every mic input
- First-mic priority delivers clear audio to the far end
- ALC & AGC keep participants' audio balanced and consistent
- Built in telephone interface and 10W power amplifier
- Enhanced expansion bus, featuring 18 mix-minus audio buses for routing between units
- Ten mic gating groups (four internal & six global) allow separation of mics into individual

Mixer gating groups for greater configuration flexibility

Basis of Design: ClearOne Converge Prop 840T

Dual-Gang AV plate/box with at least one VGA and two HDMI connectors and two RJ-45 LAN connectors. Plate connections to match VGA/HDMI plate drawings.

Cable, connectors, receptacles, floorplates/boxes, terminations, and miscellaneous hardware required installing a complete and working system as specified.

3.7.9 Small Courtroom (2056)

80 inch diagonal commercial LED/LCD Display

- 1920 x 1080 resolution (16:9), 120Hz LED LCD
- 4000:1 contrast ratio with 600 nits brightness
- 178° horizontal by 178° vertical viewing angle
- External control via RS-232 or RJ-45 ports

- Inputs: VGA (D-sub), DVI-D, DisplayPort, Component (VCBS), USB, HDMI, Stereo Mini Jack
 - Outputs: DVI-D (Digital Loop out), Stereo Mini Jack
 - Power Consumption: 180-Watts Typical/200 Watts maximum
 - Operating environment: Temperature 0°-40°C, Non-condensing humidity 10-80%
 - Built-in speakers (10W - 10W), IR Sensor, ambient light sensor
 - VESA standard flat panel wall mount 400 x 400mm
 - Maximum 49" (W) x 28.3" (H) x 1.2" (D), weight of 37.6 pounds
- Basis of Design: Samsung DE-802A commercial display

Flat Panel Wall Mount

- Micro adjustable tilt mount for 55 to 75 inch Flat Panel Displays/TVs
- Depth from wall 50mm (1.98 inch) maximum
- Ability for post-installation fine tuning of height and leveling up to 13mm (1/2 inch) up/down.
- Provides up to 23.5 inch of post-installation lateral shift (11.75 inch left/right of uprights)
- Audible click when the screen safely engages with the mount.
- Built-in cable stand with easy access under screen.
- Tilt up to 12° (may vary with screen height)
- 16.5 x 48.44 x 1.98 inches (HxWxD)
- Weight capacity of 250 pounds

Basis of Design: Chief Mounts Fusion Series XTM

Flat Panel In-Wall AV Connection Enclosure

- Deliver high-density connectivity and power in the wall for Flat Panel Displays/Televisions
- Allows Flat Panel displays/TVs or interactive smart boards to sit flush against wall
- 18 gauge white powder coated rugged steel base (in-wall)
- 2-gang enclosure
- Multiple AV Connector and device plate mounting locations within the box.
- Stud or sheetrock mounting
- Supplied with ABS (white) trim ring
- Shall accept standard RACO-565 electrical box with dual ac outlet

Basis of Design: Hubbell net SELECT FPTV box NSAV62M

Ceiling Mounted Speakers

- Two-way full range coaxial ceiling loudspeaker, 8ohm or 70V/100V operations
- Operating range: 120Hz - 22kHz
- Frequency response: 80Hz - 20 kHz (\pm 5dB)
- Max input range: 150W continuous, 375W program, 35Volts RMS, 77 volts momentary peak
- Transformer taps (70V): 120W, 60W, 30W, 15W and low impedance
- Distortion (1% Full Power): 2nd Harmonic 500Hz 0.09%, 2kHz 0.09%, 8kHz 0.71%
3rd Harmonic 500Hz 0.55%, 2kHz 0.11%, 8kHz 0.02%
- Sensitivity (1W/1m): 95 dB SPL (120Hz to 12.5 kHz 1/3 octave bands)
- Maximum Output: 117 dB SPL / 123 dB SPL (peak 8 ohm)
- Crossover Frequency: 1.3 kHz
- Nominal Coverage: 115° conical (500Hz to 6kHz)
- Drivers: LF 1 x 8 inch, HF 1 x 1.25 inch exit compression driver.
- Driver Protection: Self-resetting solid state circuit breaker

- Controls: Front-face wattage/low impedance selector switch
- Safety features: 4-x safety hangs points
- Cutout diameter: 12.25 inches
- Weight: 16.4 pounds

Basis of Design: Community Professional Distributed Design D8

Audio Media Digital Signal Processor/Amplifier

- 8x8 (input/output) matrix mixing built in, with 4 ea 125W (70.7V) amplifier output channels with any input to any output.
- 8 built-in microphone preamp with gain of 0, +20dB, +40dB, and +60dB with 15V phantom power.
- Gain sharing automatic microphone mixing (Automixer) with automatic feedback suppression.
- Ambient noise compensation with adjustable HP/LP filters
- Dedicated Telephone/PBX input, transformer isolated.
- Post DSP Aux line level outputs with extensive signal processing capabilities (based upon SHARC 32bit DSP) and full 96kHz sample rate with 24-bit A/D-D/A audio resolution.
- Full control using software over 10/100 Base-T Ethernet.
- Built-in pink/white noise and sine wave generator.
- Frequency response shall be ± 1 dB 20Hz to 20kHz with Signal-to-Noise greater than 102dB (unweighted).
- Each input/output shall have six processing blocks configurable for Dynamics (ambient noise compensation, compressor/limiter, auto-leveler, ducker, gate), Gain, Equalization (31-band graphic, parametric x 10, feedback suppressor), Crossover, Delay, Metering, and signal generator.
- The routing stage shall allow the user to assign an input to any or a combination of outputs and separately adjust how much signal level goes to each output (mixer matrix).
- Rear panel Euroblock connectors for preset recall, DC remote level control, and data in/out.
- External control via wall remotes or Ethernet wall remotes.
- Mount in standard 19-inch rack using maximum of 2 RU (3.5 inches)
- Power 120VAC, 3.72A Maximum (1/3 power sine wave) and 251 BTU/hr, Max (1/3 power sine wave).
- Weight of 21 pounds

Basis of Design: Ashley Audio PEMA 4125.70 or equivalent.

Desktop remote level control

- Desktop controller with XLR (Male) data connector.
- Eight channel faders and one master fader, each with a level control and an on/off button (with green LED to indicate status).
- Fader range of +10dB to -75dB
- Max data cable length: 1000 ft using #24 gauge twisted pair
- Phantom powered
- 7.3"(w) x 3.4"(h) x 1.6" (d) and weight of less than 3 pounds
- can be assigned in Protea NE software as a remote level control tool for one or several inputs/outputs.

Basis of Design: Ashley Audio RD-8C

Networked Remote Control

- Programmable Ethernet based remote control unit.

- Designed to mount in standard NA electrical wall box (single gang) and use standard decora cover plate (not included).
- Connection and power using standard CAT-5 or CAT-6 Ethernet cable and POE.
- Six programmable functions buttons, which light up red, amber or green to display status with Two other buttons used to adjust function parameters such as gain or preset number.
- Two-digit LED display/read out.
- May provide control features such as preset recall/scroll, mute, zone source selection, Individual channel and matrix point level control, etc.
- All programming is done across the network using Protea NE software

Basis of Design: Ashley Audio neWR-5

Desktop Microphones

- Miniature electret condenser gooseneck microphone with a desktop base and attached 10ft cable.
- Wide dynamic range and frequency response: 50 Hz to 17kHz
- Programmable on/off switch and LED on/off indicator.
- 12-inch gooseneck
- Power requirements: 11-52VDC phantom power, 2.0ma
- Open circuit sensitivity (at 1kHz ref 1 volt per Pascal): -33.5 dBv (Cardioid)
- Maximum SPL: 123.0 dB (Cardioid)
- Signal to noise ratio: 65.0 dB (Cardioid)
- Dynamic range (1kohm load) 94.0 dB
- Common mode rejection: 45.0dB
- Mute switch attenuation: 50.0 dB
- Cardioid Cartridge: R185B

Basis of Design: Shure MX412D

Professional Conferencing DSP system (if required)

- Next-generation Acoustical Echo Cancellation - Full bandwidth (20Hz to 22Khz) echo cancellation
- Next-generation Noise Cancellation - Adaptive modeling to room ambient noise condition
- Increased resolution on Microphone Preamp stage 0-56 dB in 7 dB increments
- Pre-AEC routing for Sound Reinforcement Application with Maximum of 4 millisecond processing delay
- Integrated Ethernet and USB connections, SNMP and HTML remote management agents, Event scheduler and Diagnostic console
- Simplified Configuration Software - Drag & drop A/V and channel objects
- Next-generation Distributed Echo Cancellation® on every mic input
- First-mic priority delivers clear audio to the far end
- ALC & AGC keep participants' audio balanced and consistent
- Built in telephone interface and 10W power amplifier
- Enhanced expansion bus, featuring 18 mix-minus audio buses for routing between units
- Ten mic gating groups (four internal & six global) allow separation of mics into individual Mixer gating groups for greater configuration flexibility

Basis of Design: ClearOne Converge Prop 840T

Dual-Gang AV plate/box with at least one VGA and two HDMI connectors and two RJ-45 LAN connectors. Plate connections to match VGA/HDMI plate drawings.

Cable, connectors, receptacles, floor box/plates, terminations, and miscellaneous hardware required installing a complete and working system as specified.

3.7.10 Jury Deliberation Rooms (2023, 2026, 2041 and ALT 1052)

46 inch diagonal commercial LED/LCD Display

- 1920 x 1080 resolution (16:9), 120Hz LED LCD
- 5000:1 contrast ratio with 600 nits brightness
- 178° horizontal by 178° vertical viewing angle
- External control via RS-232 or RJ-45 ports
- Inputs: VGA (D-sub), DVI-D, DisplayPort, Component (VCBS), USB, HDMI, Stereo Mini Jack
- Outputs: DVI-D (Digital Loop out), Stereo Mini Jack
- Power Consumption: 150-Watts Typical/170 Watts maximum
- Operating environment: Temperature 0°-40°C, Non-condensing humidity 10-80%
- Built-in speakers (10W - 10W), IR Sensor, and ambient light sensor
- VESA standard flat panel wall mount 400 x 400mm
- Maximum 41.6" (w) x 24.1 (h) x 1.2" (d), weight 27.5 pounds

Basis of Design: Samsung DE-46A commercial display

Flat Panel Wall Mount

- Micro adjustable tilt mount for 37 to 63 inch Flat Panel Displays/TVs
- Depth from wall 50mm (1.98 inch) maximum
- Ability for post-installation fine tuning of height and leveling up to 13mm (1/2 inch) up/down.
- Provides up to 17.5 inch of post-installation lateral shift (8.75 inch left/right of uprights)
- Audible click when the screen safely engages with the mount.
- Built-in cable stand with easy access under screen.
- Tilt up to 12° (may vary with screen height)
- 16.5 x 34.44 x 1.99 inches (HxWxD)
- Weight capacity of 200 pounds

Basis of Design: Chief Mounts Fusion Series LTM

Flat Panel In-Wall AV Connection Enclosure

- Deliver high-density connectivity and power in the wall for Flat Panel Displays/Televisions
- Allows Flat Panel displays/TVs or interactive smart boards to sit flush against wall
- 18 gauge white powder coated rugged steel base (in-wall)
- 2-gang enclosure
- Multiple AV Connector and device plate mounting locations within the box.
- Stud or sheetrock mounting
- Supplied with ABS (white) trim ring
- Shall accept standard RACO-565 electrical box with dual ac outlet

Basis of Design: Hubbell net SELECT FPTV box NSAV62M

Dual-Gang AV plate/box with at least one VGA and two HDMI connectors and two RJ-45 LAN connectors. Plate connections to match VGA/HDMI plate drawings.

Cable, connectors, receptacles, plates, terminations, and miscellaneous hardware required to install a complete and working system as specified.

3.7.11 Judge's Chambers (2032, 2034 and Alt 1054)

48 inch diagonal commercial LED/LCD Display

- 1920 x 1080 resolution (16:9), 120Hz LED LCD
- 5000:1 contrast ratio with 600 nits brightness
- 178° horizontal by 178° vertical viewing angle
- External control via RS-232 or RJ-45 ports
- Inputs: VGA (D-sub), DVI-D, DisplayPort, composite, Component, USB, HDMI, Stereo Mini Jack
- Outputs: DVI-D (Digital Loop out), Stereo Mini Jack
- Power Consumption: 120-Watts Typical/140 Watts maximum
- Operating environment: Temperature 0°-40°C, Non-condensing humidity 10-80%
- Built-in speakers (10W - 10W)
- VESA standard flat panel wall mount 200 x 200mm
- 36.3'(w) x 21.1"(h) x 1.2" (d), weight 23.1 pounds

Basis of Design: Samsung DE-48A commercial display

Flat Panel Wall Mount

- Micro adjustable tilt mount for 37 to 63 inch Flat Panel Displays/TVs
- Depth from wall 50mm (1.98 inch) maximum
- Ability for post-installation fine tuning of height and leveling up to 13mm (1/2 inch) up/down.
- Provides up to 17.5 inch of post-installation lateral shift (8.75 inch left/right of uprights)
- Audible click when the screen safely engages with the mount.
- Built-in cable stand with easy access under screen.
- Tilt up to 12° (may vary with screen height)
- 16.5 x 34.44 x 1.99 inches (HxWxD)
- Weight capacity of 200 pounds

Basis of Design: Chief Mounts Fusion Series LTM

Flat Panel In-Wall AV Connection Enclosure

- Deliver high-density connectivity and power in the wall for Flat Panel Displays/Televisions
- Allows Flat Panel displays/TVs or interactive smart boards to sit flush against wall
- 18 gauge white powder coated rugged steel base (in-wall)
- 2-gang enclosure
- Multiple AV Connector and device plate mounting locations within the box.
- Stud or sheetrock mounting
- Supplied with ABS (white) trim ring
- Shall accept standard RACO-565 electrical box with dual ac outlet

Basis of Design: Hubbell net SELECT FPTV box NSAV62M

Dual-Gang AV plate/box with at least one VGA and two HDMI connectors and two RJ-45 LAN connectors. Plate connections to match VGA/HDMI plate drawings.

Cable, connectors, receptacles, plates, terminations, and miscellaneous hardware required to install a complete and working system as specified.

3.7.12 Child Victim Waiting

40 inch diagonal commercial LED/LCD Display with TV Tuner

- 1920 x 1080 resolution (16:9), 120Hz
- 5000:1 contrast ratio with 350 nits brightness
- 178° horizontal by 178° vertical viewing angle
- External control via RS-232 or RJ-45 ports
- Inputs: Composite, Stereo Mini Jack, TV-in, USB
- Outputs: Stereo Mini Jack
- Power Consumption: 87-Watts Typical/119 Watts maximum
- Operating environment: Temperature 32°-104°F, Non-condensing humidity 10-80%
- Built-in speakers (10W - 10W) and built-in TV Tuner
- VESA standard flat panel wall mount 7.87 x 7.87 inches
- 20.5 pounds
- Energy Star 5.0 compliant

Basis of Design: Samsung MD-48 LED/LCD commercial display

Flat Panel Wall Mount

- Micro adjustable tilt mount for 37 to 63 inch Flat Panel Displays/TVs
- Depth from wall 50mm (1.98 inch) maximum
- Ability for post-installation fine tuning of height and leveling up to 13mm (1/2 inch) up/down.
- Provides up to 17.5 inch of post-installation lateral shift (8.75 inch left/right of uprights)
- Audible click when the screen safely engages with the mount.
- Built-in cable stand with easy access under screen.
- Tilt up to 12° (may vary with screen height)
- 16.5 x 34.44 x 1.99 inches (HxWxD)
- Weight capacity of 200 pounds

Basis of Design: Chief Mounts Fusion Series LTM

Flat Panel In-Wall AV Connection Enclosure

- Deliver high-density connectivity and power in the wall for Flat Panel Displays/Televisions
- Allows Flat Panel displays/TVs or interactive smart boards to sit flush against wall
- 18 gauge white powder coated rugged steel base (in-wall)
- 2-gang enclosure
- Multiple AV Connector and device plate mounting locations within the box.
- Stud or sheetrock mounting
- Supplied with ABS (white) trim ring
- Shall accept standard RACO-565 electrical box with dual ac outlet

Basis of Design: Hubbell net SELECT FPTV box NSAV62M

Single gang AV Box/plate with at least one CATV Type F connector and one BNC-75 ohm connector for distribution of CATV signals.

Cable, connectors, receptacles, plates, terminations, and miscellaneous hardware required to install a complete and working system as specified.

3.7.13 Meeting Room (2142)

48 inch diagonal commercial LED/LCD Display

- 1920 x 1080 resolution (16:9), 120Hz LED LCD
- 5000:1 contrast ratio with 600 nits brightness
- 178° horizontal by 178° vertical viewing angle
- External control via RS-232 or RJ-45 ports
- Inputs: VGA (D-sub), DVI-D, Display Port, Component (VCBS), USB, HDMI, Stereo Mini Jack
- Outputs: DVI-D (Digital Loop out), Stereo Mini Jack
- Power Consumption: 150-Watts Typical/170 Watts maximum
- Operating environment: Temperature 0°-40°C, Non-condensing humidity 10-80%
- Built-in speakers (10W - 10W), IR Sensor, and ambient light sensor
- VESA standard flat panel wall mount 400 x 400mm
- Maximum 41.6" (w) x 24.1 (h) x 1.2" (d), weight 27.5 pounds

Basis of Design: Samsung DE-48A commercial display

Flat Panel Wall Mount

- Micro adjustable tilt mount for 37 to 63 inch Flat Panel Displays/TVs
- Depth from wall 50mm (1.98 inch) maximum
- Ability for post-installation fine tuning of height and leveling up to 13mm (1/2 inch) up/down.
- Provides up to 17.5 inch of post-installation lateral shift (8.75 inch left/right of uprights)
- Audible click when the screen safely engages with the mount.
- Built-in cable stand with easy access under screen.
- Tilt up to 12° (may vary with screen height)
- 16.5 x 34.44 x 1.99 inches (HxWxD)
- Weight capacity of 200 pounds

Basis of Design: Chief Mounts Fusion Series LTM

Flat Panel In-Wall AV Connection Enclosure

- Deliver high-density connectivity and power in the wall for Flat Panel Displays/Televisions
- Allows Flat Panel displays/TVs or interactive smart boards to sit flush against wall
- 18 gauge white powder coated rugged steel base (in-wall)
- 2-gang enclosure
- Multiple AV Connector and device plate mounting locations within the box.
- Stud or sheetrock mounting
- Supplied with ABS (white) trim ring
- Shall accept standard RACO-565 electrical box with dual ac outlet

Basis of Design: Hubbell net SELECT FPTV box NSAV62M

Dual-Gang AV plate/box with at least one VGA and two HDMI connectors and two RJ-45 LAN connectors. Plate connections to match VGA/HDMI plate drawings.

Cable, connectors, receptacles, plates, terminations, and miscellaneous hardware required to install a complete and working system as specified.

3.7.14 Lobby/Main Hallway (1st/2nd Floor toward old justice center building) Digital Signage

65 inch diagonal commercial LED/LCD Display

- 1920 x 1080 resolution (16:9), direct-lit LED LCD
- 3500:1 contrast ratio with 300 nits brightness
- 178° horizontal by 178° vertical viewing angle
- External control via RS-232
- Inputs: Component (CVBS), USB, HDMI x 3 (HDMI Supports DVI) AV2, Ant in, PC/dvi audio in, component audio in, AV Audio in
- Outputs: Digital Audio out (optical), Audio out
- Power Consumption: 53-WattsTypical/95 Watts maximum
- Operating environment: Temperature 0°-40°C, Non-condensing humidity 10-80%
- Built-in speaker, plug and play (through USB)
- Media player: USB Auto play (movie, picture, audio, no scheduling)
- VESA standard flat panel wall mount 200 x 400mm
- Maximum bezel width (L/R/T) 18.5 mm, bottom 29.7mm,, weight 30.8 pounds

Basis of Design: Samsung H65B commercial display

Flat Panel Wall Mount

- Micro adjustable tilt mount for 37 to 63 inch Flat Panel Displays/TVs
- Depth from wall 50mm (1.98 inch) maximum
- Ability for post-installation fine tuning of height and leveling up to 13mm (1/2 inch) up/down.
- Provides up to 17.5 inch of post-installation lateral shift (8.75 inch left/right of uprights)
- Audible click when the screen safely engages with the mount.
- Built-in cable stand with easy access under screen.
- Tilt up to 12° (may vary with screen height)
- 16.5 x 34.44 x 1.99 inches (HxWxD)
- Weight capacity of 200 pounds

Basis of Design: Chief Mounts Fusion Series LTM

Flat Panel In-Wall AV Connection Enclosure

- Deliver high-density connectivity and power in the wall for Flat Panel Displays/Televisions
- Allows Flat Panel displays/TVs or interactive smart boards to sit flush against wall
- 18 gauge white powder coated rugged steel base (in-wall)
- 2-gang enclosure
- Multiple AV Connector and device plate mounting locations within the box.
- Stud or sheetrock mounting
- Supplied with ABS (white) trim ring
- Shall accept standard RACO-565 electrical box with dual ac outlet

Basis of Design: Hubbell net SELECT FPTV box NSAV62M

Cable, connectors, receptacles, plates, terminations, and miscellaneous hardware required to install a complete and working system as specified.

3.7.15 ECC Training (2163)

55 inch diagonal commercial LED/LCD Display

- 1920 x 1080 resolution (16:9), 240Hz edge lit LED LCD
- 5000:1 contrast ratio with 380 nits brightness
- 178° horizontal by 178° vertical viewing angle
- External control via RS-232 or RJ-45 ports
- Inputs: VGA (D-sub), DVI-D, DisplayPort, composite, Component, USB, HDMI, Stereo Mini Jack
- Outputs: DVI-D (Digital Loop out), Stereo Mini Jack
- Power Consumption: 160-Watts Typical/180 Watts maximum
- Operating environment: Temperature 0°-40°C, Non-condensing humidity 10-80%
- Built-in speakers (10W - 10W)
- VESA standard flat panel wall mount 400 x 400mm
- Maximum bezel width (any side) 5.2 mm, weight of 35.2 pounds

Basis of Design: Samsung UE-55A commercial display

Flat Panel Wall Mount

- Micro adjustable tilt mount for 37 to 63 inch Flat Panel Displays/TVs
- Depth from wall 50mm (1.98 inch) maximum
- Ability for post-installation fine tuning of height and leveling up to 13mm (1/2 inch) up/down.
- Provides up to 17.5 inch of post-installation lateral shift (8.75 inch left/right of uprights)
- Audible click when the screen safely engages with the mount.
- Built-in cable stand with easy access under screen.
- Tilt up to 12° (may vary with screen height)
- 16.5 x 34.44 x 1.99 inches (HxWxD)
- Weight capacity of 200 pounds

Basis of Design: Chief Mounts Fusion Series LTM

Flat Panel In-Wall AV Connection Enclosure

- Deliver high-density connectivity and power in the wall for Flat Panel Displays/Televisions
- Allows Flat Panel displays/TVs or interactive smart boards to sit flush against wall
- 18 gauge white powder coated rugged steel base (in-wall)
- 2-gang enclosure
- Multiple AV Connector and device plate mounting locations within the box.
- Stud or sheetrock mounting
- Supplied with ABS (white) trim ring
- Shall accept standard RACO-565 electrical box with dual ac outlet

Basis of Design: Hubbell net SELECT FPTV box NSAV62M

Dual-Gang AV plate/box with at least one VGA and two HDMI connectors and two RJ-45 LAN connectors. Plate connections to match VGA/HDMI plate drawings.

Single gang AV Box/plate with at least one CATV Type F connector and one BNC-75 ohm connector for distribution of CATV signals.

Cable, connectors, receptacles, plates, terminations, and miscellaneous hardware required to install a complete and working system as specified.

3.7.16 Outside entry 1201 and Main Entry 1002

Remote IP Video Intercom

- Flush wall mount w/mounting box included
- Digital PTZ color video camera
- 170° viewing area
- Weather and vandal resistant
- Normally open dry contact for door release (24V AC/DC 500ma)
- Call button that can call up to 20 different master stations
- Speaker/microphone allow for two-way conversation with master station
- Stainless steel
- 802.3af POE compliant
- Connects using CAT-6 cable, IP addressable (Static IP)

Basis of Design: AIPhone IS-IPDVF

Master Station IP Video Intercom

- IP direct audio and video
- 3.5 inch LCD Display
- Door release
- 802.3af POE compliant
- Desk stand included
- connects using CAT-6 Cable
- IP addressable (Static IP)
- operation from over 900 feet from remote (via network)
- Handset or hands-free operation

Basis of Design: AIPhone IS-IPMV

Cable, connectors, receptacles, plates, terminations, and miscellaneous hardware required to install a complete and working system as specified.

3.7.17 Various Offices, Kitchen or Break Rooms

Dual-Gang AV plate/box with at least one VGA and two HDMI connectors and two RJ-45 LAN connectors. Plate connections to match VGA/HDMI plate drawings.

Single gang AV Box/plate with at least one CATV Type F connector and one BNC-75 ohm connector for distribution of CATV signals.

Cable, connectors, receptacles, plates, terminations, and miscellaneous hardware required to install a complete and working system as specified.

AV Pricing Document

Room#	Room Description (As shown on Drawing)	Quantity	Suggested Hardware	Unit Price	Extended Price	Suggested Software/License	Quantity	Suggested Software/License Unit Cost	Suggested Software/License Extended Cost
		0		\$ -	\$ -		0	\$ -	\$ -
Total Hardware Cost Per Location					\$ -	Total Software Cost Per Location			\$ -
								Total Cost Per Location	\$ -

Room#	Room Description (As shown on Drawing)	Quantity	Suggested Hardware	Unit Price	Extended Price	Suggested Software/License	Quantity	Suggested Software/License Unit Cost	Suggested Software/License Extended Cost
		0		\$ -	\$ -		0	\$ -	\$ -
Total Hardware Cost Per Location					\$ -	Total Software Cost Per Location			\$ -
								Total Cost Per Location	\$ -

Room#	Room Description (As shown on Drawing)	Quantity	Suggested Hardware	Unit Price	Extended Price	Suggested Software/License	Quantity	Suggested Software/License Unit Cost	Suggested Software/License Extended Cost
		0		\$ -	\$ -		0	\$ -	\$ -
Total Hardware Cost Per Location					\$ -	Total Software Cost Per Location			\$ -
								Total Cost Per Location	\$ -



**PURCHASING ITEM
FOR
COUNCIL AGENDA**

1. Agenda Item Number:

20

2. Council Meeting Date:
May 25, 2017

TO: MAYOR AND COUNCIL

3. Date Prepared: May 5, 2017

THROUGH: CITY MANAGER

4. Requesting Department: Communications and Public Affairs

5. SUBJECT: Purchase and Installation of Audio Visual Equipment for City Council Chambers

6. RECOMMENDATION: Staff recommends City Council approve the utilization of the State of Arizona Contract No. ADSPO12-032705, with Technology Providers, Inc., for the purchase and installation of audio visual equipment for the City Council Chambers, in the amount of \$177,613.17, and approve the transfer of \$177,613 from the General Fund, Non-Departmental, Contingency Account to the General Fund, Video Production, Other Equipment Account.

7. BACKGROUND/DISCUSSION: The current City Council Chambers Audio Visual equipment is based on a consultant designed system dating back nearly a decade. The system has had a few changes to the original software programming and an update of the dais microphones in 2016, but no other update to the original wiring or equipment has been done since it was installed in 2010. Video technology has advanced significantly in the past decade. Broadcast video has evolved from standard definition to high definition, the standard interface has gone from VGA to HDMI, and all other video components have evolved from analog technology to digital technology. These advances have created a much sharper and more realistic audio visual experience for viewers. This project will update the City Council Chambers with the following scope of work:

1. Upgrade the system backbone from SD technology to HD technology using an Extron XTP based HD 32x32 configurable matrix switch. This upgrade will include all of the input and output receivers, as well as require a complete re-pulling of all cables to HD standards.
2. Add flip top control panels to eight locations on the dais which will add simple push button controls to allow staff at these locations to select program, local, or broadcast for display on the local monitor.
3. Custom Control Software Development which includes an update/cleanup of our touch screen control panels and the enhancement of our Council call-in controls.

This project is funded, in large part, through a one-time decision package proposed in the FY 2017-18 budget. Given the meeting schedule in the Council Chambers, the three-week timeframe to complete the upgrade, and the availability of the vendor, August 2017 is the best option to complete the work next fiscal year. However, the City needs to provide the vendor with a purchase order by June 1 in order to complete the upgrade given the lead time to procure the necessary audio visual equipment.

8. EVALUATION: The State of Arizona competitively solicited and awarded a contract for audio and video equipment and services to Technology Providers, Inc. The City has a current Intergovernmental Agreement with the State of Arizona allowing for the cooperative use of the State's contracts.

Staff recommends cooperative use of this contract because Technology Providers, Inc. is familiar with the City's unique needs for the Council Chambers upgrade project and has the knowledge and resources necessary to complete the project within the City's compressed time line.

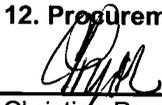
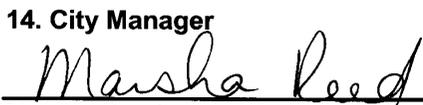
9. FINANCIAL IMPLICATIONS: Appropriation of \$177,613.17 is required for the purchase and installation of audio visual equipment for the City Council Chambers and a transfer of \$177,613.17 from the General Fund, Non-Departmental, Contingency Account (101.1290.5911) to the General Fund, Video Production, Other Equipment Account (101.1071.6419) is necessary in FY 2016-17 to meet the Council Chambers upgrade project timeline. If approved, FY 2017-18 funding received by the Communications and Public Affairs, Video Production cost center for this program will be returned to the General Fund, Non-Departmental, Contingency Account.

Cost:	\$ 177,613.17			
Savings:	N/A			
Long Term Costs:	N/A			
<u>Acct. No.:</u>	<u>Fund:</u>	<u>Program Name:</u>	<u>CIP Funded:</u>	<u>Funds:</u>
101.1071.6419.0000	General Fund	Council Chambers Update	No	\$177,613.17

10. PROPOSED MOTION: Move City Council approve the utilization of the State of Arizona Contract No. ADSPO12-032705, with Technology Providers, Inc., for the purchase and installation of audio visual equipment for the City Council Chambers, in the amount of \$177,613.17, and approve the transfer of \$177,613.17 from the General Fund, Non-Departmental, Contingency Account to the General Fund, Video Production, Other Equipment Account.

ATTACHMENT: Project Summary Pricing Sheet from Technology Providers, Inc.

APPROVALS

<p>11. Requesting Department</p>  <hr/> <p>Stacy Sacco, Video Production Coordinator</p>	<p>13. Department Head</p>  <hr/> <p>Matthew Burdick, Communications and Public Affairs Director</p>
<p>12. Procurement Officer</p>  <hr/> <p>Christina Pryor, Purchasing and Materials Manager</p>	<p>14. City Manager</p>  <hr/> <p>Marsha Reed</p>

1. Project Summary Pricing

Section Name	Qty	Price	Ext. Price
TPI Project Management	1	\$3,000.00	\$3,000.00
TPI Engineering	1	\$2,000.00	\$2,000.00
TPI Design and Development CAD Drawings	1	\$4,000.00	\$4,000.00
TPI Custom Control Software Development	1	\$8,400.00	\$8,400.00
TPI System Training	1	\$475.00	\$475.00
Council Chambers Digital Infrastructure & Components Upgrade	1	\$146,936.96	\$146,936.96
Additional Control Stations at Dias	1	\$2,287.74	\$2,287.74
Freight			\$1,943.00
Tax			\$8,570.47
Total Project Cost			\$177,613.17

2. Correspondence – Your Primary TPI Representative’s Contact Information

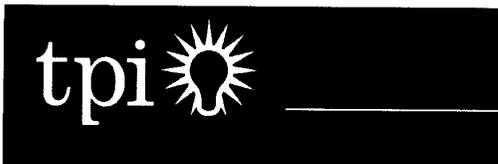
Chris Jenkins

[V] (480) 857-0099 [F] (480) 857-2288

cjenkins@tpi.cc

3. Additional Services – Out of scope considerations

Our proposal is a complete package as defined in the Description of Services and is based on a set amount of time to complete the project. Any additional time and materials required to facilitate requested changes, required changes due to the actions of other trades, or required changes due to misinformation are considered to be out of the scope of this proposal. We will quote each instance as a change order and each will require written client approval prior to engagement. Each change order will be a separate transaction and will be scheduled, billed, and completed within its own timeline, bound by the terms and conditions of this proposal.





Fremont City California

Staff Report 1279

CITY COUNCIL CHAMBERS AUDIOVISUAL SYSTEMS PROJECT - Appropriate \$381,040.14 and Authorize the Execution of an Agreement with One Workplace L. Ferrari, LLC for the Purchase and Installation of Audiovisual Systems in the City Council Chambers

Information

Department: Information Technology Services **Sponsors:**
Category: Agreements and Contracts

Item Discussion

Executive Summary: The audiovisual systems used in the City Council Chambers have reached the end of their useful life and are in need of replacement. Many of the systems have become unreliable, no longer operate efficiently, and use outdated technology. The City hired Rosen, Goldberg, Der, and Lewitz, Inc. (RGDL), acoustical and audiovisual consultants, who prepared the design, drawings and specifications to replace the audiovisual systems. The City released a Request for Proposals (RFP) on October 13, 2011. The RFP closed on November 15, 2011, and the City received seven proposals. After a thorough evaluation by staff and the consultant, it was determined that One Workplace L. Ferrari, LLC (One Workplace) submitted a proposal that is most advantageous for the City and met all of the RFP requirements. The total cost of One Workplace’s proposal is \$343,265.14 for equipment and professional services including engineering, software development and programming, training, project management, and installation for the City Council Chambers audiovisual systems.

Staff is recommending that the City Council approve the appropriation of \$381,040.14 from Fund 502, PEG (public, educational and government) fees, to PWC 8791, and authorize the City Manager, or his designee, to execute an agreement with One Workplace in an amount not-to-exceed \$360,265.14, which includes an additional \$17,000.00 for unforeseen equipment and/or services that may be required to implement the project. The total appropriation request includes \$20,775.00 for staff hours (Building Maintenance, Engineering, Inspection, etc.) that may be needed to assist the vendor with the implementation.

Body

BACKGROUND: The audiovisual systems currently used in the City Council Chambers have reached the end of their useful life. Many of the systems are over 15 years old and are no longer reliable, do not operate efficiently, and use outdated technology. The systems include audio (microphones, loudspeakers), video (monitors, displays, projector), cameras, voting, remote control, and control room broadcasting equipment.

DISCUSSION/ANALYSIS: The City hired a consultant, RGDL, who performed a needs assessment and prepared the design, drawings, and recommended equipment list and services that were included in a RFP, which was released on October 13, 2011. The RFP closed on November 15, 2011, and the City received proposals from seven vendors. Staff and the consultant performed a thorough review of the seven proposals. The proposals were evaluated using the following criteria: a) qualifications and experience in providing and installing audiovisual systems in meeting rooms or similar environments, b) timely and accurate completion of similar projects, c) methodology and quality of proposed services, d) reasonableness of the total project costs and timeline, e) evidence of understanding the work to be completed, and f) completeness of submitted documents and acceptance of terms and conditions of the agreement.

Based on the criteria, the evaluation team determined that One Workplace submitted the proposal that is the most advantageous to the City for this project. One Workplace has been in business for 80 years, has 8 years of experience in providing services for similar projects, and has 9 technical personnel available locally in its Milpitas office to support the systems after they are installed.

One Workplace will replace the existing cameras and mounting brackets, monitors in the audience and on the dais, voting system including the touch panels on the dais, microphone and audio equipment, and control room broadcasting equipment, as well as install a new portable video teleconferencing system and a new ceiling video projector. The project includes the equipment and professional services for engineering, software development and programming, project management, installation and testing of the systems. One Workplace will also provide documentation (as-built drawings) and training to staff to operate the equipment. The equipment comes with a standard one-year warranty on parts and labor. One Workplace will schedule the work so that the City Council Chambers remains operational for meetings during installation.

Funding

Video service providers such as Comcast and AT&T pay a 1% of gross revenues PEG support fee to the City as part of a 2007 statewide video franchise and pursuant to the DIVCA (Digital Infrastructure and Video Competition Act of 2006) ordinance adopted by the City Council in July 2009. The 1% PEG fee is in addition to the 5% of gross revenues franchise fee that video providers pay to use the public rights-of-way. The PEG fee can only be used for facilities and equipment. The PEG fees paid to the City average \$400,000 a year.

FISCAL IMPACT: The cost breakdown for the project is as follows:

Equipment		\$259,181.01
Professional Services		<u>84,084.13</u>
	Subtotal	343,265.14
Contingency		<u>17,000.00</u>
	TOTAL CONTRACT COSTS	360,265.14
	Staff Hours	<u>20,775.00</u>
	TOTAL PROJECT COSTS	\$381,040.14

Based on the total cost estimates, there is sufficient funding for this project from the PEG fees in Fund 502. Funding for the ongoing annual maintenance and support costs for the equipment in the estimated amount of \$23,000.00 will be requested as part of the City’s annual budget process.

ENVIRONMENTAL REVIEW: Not Applicable.

ATTACHMENTS: None.

Document Comments

RECOMMENDATION:

1. Appropriate \$381,040.14 in PEG fees from Fund 502 to PWC 8791.
2. Authorize the City Manager, or his designee, to execute an agreement with One Workplace L. Ferrari, LLC for the purchase and installation of audiovisual systems in the City Council Chambers in an amount not-to-exceed \$360,265.14, as described in the staff report, and to execute any implementing documents.



Agenda

Granbury City Council
Regular Meeting

City Hall, 116 W Bridge St.
Granbury, Texas

June 6, 2017
6:00 p.m.

CALL TO ORDER

INVOCATION

Pastor Ben Huebner of Acton United Methodist Church

PLEDGE OF ALLEGIANCE AND TEXAS PLEDGE

PROCLAMATION

Proclaim June 21, 2017, as "The Longest Day" in regards to Granbury Bridge Club's day of raising funds and awareness for the Alzheimer's Association.

CITIZEN PARTICIPATION

The City Council provides an opportunity for citizens to present concerns or address issues that are not matters of consideration listed on the posted meeting agenda during the "Citizen Participation" period at one City Council meeting per month, subject to the following rules: A person wishing to address the City Council must first register with the City Secretary and provide the following information: name, residence address, daytime telephone number, and the subject matter to be presented;

- *Only one person may approach the microphone at any one time, and only the person at the microphone, upon recognition by the presiding officer, will be allowed to speak for no more than three (3) minutes unless otherwise directed by the presiding officer;*
- *Speakers must address their comments to the presiding officer rather than individual City Council members or staff; and*
- *Speakers may file copies of their remarks or supporting information with the City Secretary who will make the information available to the City Council and City Manager if requested.*

The Council will be allowed to receive input or information for a future agenda item but will not be allowed to enter into any discussions. The Council shall allot a maximum of thirty (30) minutes for "Citizen Participation" during the designated Council Meeting.

CONSENT AGENDA

All items on the Consent Agenda are routine or previously discussed items and will be approved with one motion; however, should a member of the City Council wish to discuss any item, said item may be removed from the Consent Agenda and considered under Deliberation Agenda.

1. Consider approving City Council meeting minutes: May 16, 2017, Joint and Regular Meeting.
2. Consider approving Amendment No. 1 to the Engineering Services Agreement with McCord Engineering, Inc. for transmission and distribution power line relocation design and coordination due to the Granbury Regional Airport expansion.
3. Consider approving the purchase and installation of Audio/Visual equipment for the Granbury City Hall Council Chambers from Ford Audio-Video Systems, LLC, in the amount of \$58,731.33.
4. Consider approving Ordinance 17-35 amending the General Fund budget for Fiscal Year 2016-2017 for an emergency Information Technology (IT) infrastructure replacement project; and consider approving the purchase of servers and computer equipment related to the project from CDW Government LLC and Enviromatic Services in the amount of \$100,000.
5. Consider approving Ordinance 17-36 granting United Electric Cooperative Services Inc., an electric power franchise to use the Public Right-of-Way of the City of Granbury.
6. Consider supporting the North Central Texas Council of Governments' application for a DR-4272 Hazard Mitigation Grant Program (HMGP) project to develop the Hood County Hazard Mitigation Action Plan update, and agree to contribute the City of Granbury's portion of the 25% local match.
7. Consider approving Ordinance 17-37 amending the Taxation Chapter of the Code of Ordinances of the City of Granbury by amending Section 11.03. of the Sales Tax Article.

DELIBERATION AGENDA

8. **Public hearing** and consider approving a request of First Financial Bank to Replat Lot 1-R, Block 1 of the First Financial Bank-Acton Addition as Lot 1-R1 and Lot 3, Block 1 of the First Financial Bank-Acton Addition. The property is located on Fall Creek Hwy., north of Walnut Creek Dr.
9. **Public hearing** and consider adopting Ordinance 17-38 approving a request of Cathy Casey and Jim Leitch for a Specific Use Permit to allow an "Accessory Dwelling Unit" in a Residential-7,000 (R-7) zoning district. The property is addressed as 110 W. Doyle St.
10. Consider making an appointment to the Historic Preservation Commission to fill a vacant seat.
11. Discussion and possible action related to the City's increased fees associated with the Hood County Tax Assessor Collector's nonrenewal of the tax collection agreement with the Hood County Appraisal District.

EXECUTIVE SESSION

Pursuant to the Texas Open Meetings Act, Chapter 551 of the Texas Government Code, the City Council may convene into executive session to deliberate regarding the following matter:

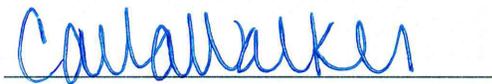
- Sec. 551.086. Certain Public Power Utilities: Competitive Matters
- Sec. 551.074. Personnel Matters
- Sec. 551.072. Deliberation Regarding Real Property
- Sec. 551.071. Consultation with Attorney – Legal discussion regarding City Charter procedures relating to Council; official duties for Council and City Manager; closed meetings

RECONVENE IN OPEN SESSION

Take action, if any, on items discussed in executive session.

ADJOURNMENT

Notice posted on the 2nd day of June, 2017, on the City Hall bulletin board at 116 West Bridge Street, Granbury, Texas by 5:00 p.m.



Carla Walker, City Secretary

The Granbury City Council may convene into executive session on any listed agenda item, should the need arise and if applicable pursuant to authorization by Title 5, Chapter 551, of the Texas Government Code.

Accessibility Statement: City Hall is wheelchair accessible and entry ramps are located on all sides of the building. If you plan to attend this public meeting and you have a disability that requires special arrangements at the meeting, please contact Carla Walker, City Secretary, at 817-573-1114 ext. 1611 within 48 business hours of the scheduled meeting date. Reasonable accommodations will be made to assist your needs.



Lilburn approves purchase of AV equipment at new city hall



Karen Huppertz - For the AJC
 Updated 1:02 p.m Wednesday, Sept. 14, 2016 Filed in [Metro Atlanta / State news](#)

The Lilburn City Council voted Monday to approve the purchase of audio visual equipment for the new city hall at 340 Main St. Out of three qualified bidders, Unified AV Systems was the lowest bidder at \$107,793.

The contract includes equipment and installation for complete sound and AV systems for council chambers and shared meeting room, monitors, common area televisions and document camera.

Work to install the equipment will begin immediately since the new building is set to officially open to the public following a ribbon cutting ceremony at 4 p.m. Oct. 18.

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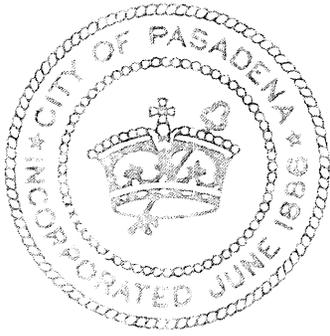
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Agenda Report

November 2, 2015

TO: Honorable Mayor and City Council
FROM: Department of Information Technology
SUBJECT: AUTHORIZATION TO ENTER INTO A PURCHASE ORDER CONTRACT WITH PINNACLE, INC. FOR REPLACING AUDIOVISUAL TECHNOLOGY IN CITY COUNCIL CHAMBER

RECOMMENDATION:

It is recommended that the City Council:

1. Find that the proposed contract is exempt from the California Environmental Quality Act ("CEQA") pursuant to State CEQA Guidelines Section 15061(b) (3); and
2. Authorize the City Manager to enter into a purchase order contract with Pinnacle, Inc. to furnish and deliver software, hardware, and services for an audiovisual (AV) system for an amount not to exceed \$290,462, which includes the base contract amount and ten percent for contingencies. Competitive bidding is not required pursuant to City Charter Article X Section 1002(F), Contracts for professional or unique services.

BACKGROUND:

During the 2007 seismic retrofit and rehabilitation of Pasadena City Hall, extensive work was done to modernize all mechanical, electrical and plumbing systems. Historic exterior and interior components (including the Council Chamber) were also renovated. The building's entire technology infrastructure was replaced and the Council Chamber received a new audiovisual (AV) system with associated computer components. As the home to the Mayor and City Council, this room also hosts numerous public meetings for City commissions and committees and a variety of other community organizations. These meetings are often carried on the City's Government Access Channel (KPAS) utilizing the presentation and computer technology in the room. After nearly eight years of heavy use the AV and computer technologies installed in the Council Chamber are now out of date and core components are scheduled for lifecycle replacement to ensure the ongoing viability of the system.

The City Council Chamber Technology Refresh Project (CCTECH) will enhance existing technology to accommodate current protocols including high definition (HD) transmissions. This will allow full compatibility with recently installed HD cameras and greatly improve the quality and clarity of images displayed on monitors throughout the Council Chamber and in adjoining areas. The upgrade will also replace existing microphones, monitors, and touch panel displays used around the dais which have been the source of numerous service calls in recent months. The new system will incorporate simple, easy-to-use, icon-driven features that anyone can operate with basic instruction. The Council Chamber "area" relevant to the scope of this project is comprised of Council Chamber itself (S249), the Media Control Room (S247), Reception (S245), Council Conference Room (S246), Kitchen (S240) and Restrooms (S238 and S239).

The CCTECH project consists of two primary phases:

- ▼ **Design Phase** – This addresses the planning and design for the technology replacement. Design-build criteria were developed during this phase for incorporation into a Request for Proposals (RFP). PlanNet Consulting LLC was engaged to provide design services and this phase was completed in August.
- ▼ **Implementation Phase** – This addresses all other aspects of the technology replacement (procurement, installation and testing of all components) by virtue of the aforementioned RFP.

The Department of Information Technology (DoIT) prepared and posted the RFP through Planet Bids on August 28, 2015. On September 30, 2015, the City received a total of four responsive proposals in response to the RFP. A panel of reviewers from the City Clerk, Pasadena Media (KPAS), PlanNet Consulting and DoIT scored each proposal based on the evaluation criteria stated in the RFP, which includes: 1) functional and technical merit; 2) completeness of the proposed solution (vendor services and viability); 3) recent experience with projects of this size and scope; 4) total cost; 5) Pasadena local business; and 6) small/micro-business preference. Services provided by the Finance Department's Pasadena First Buy Local initiative were utilized to communicate this bidding opportunity locally.

Based on the evaluation procedures and criteria in the RFP, the vendors were scored and ranked as follows:

Rank	Company Name	Location	Total Score (100 max)
1	Pinnacle, Inc.	Glendale, CA	75
2	Digital Networks Group, Inc.	Aliso Viejo, CA	69
2	Integrated Media Systems	Costa Mesa, CA	69
4	Spinitar	La Mirada, CA	67

Based on the scoring above, staff is recommending authorization for the City Manager to enter into a contract with Pinnacle, Inc. for an amount not to exceed \$290,462. The cost

includes all software, hardware, licensing, professional services including installation, testing and training, as well as a ten percent contingency allowance. Annual warranty and support for the first year is also included at no cost to the City.

The proposed contract will be set up as follows:

Base Contract Amount	\$264,056
First-year Warranty & Software Support	\$ 0
Contingency Allowance (10%)	<u>\$ 26,406</u>
Contract "Not To Exceed" Amount	\$290,462

As specified in the RFP, project implementation and completion will occur between December 15, 2015 and January 10, 2016, when City Council is not in session. The first City Council meeting using the new technology will be held on Monday, January 11, 2016. A comprehensive implementation plan will be defined with the vendor upon contract signing.

The Department of Information Technology engaged Pinnacle Inc. in FY13 with a purchase order contract valued at \$17,404.80 for cabling services associated with the city data center relocation project.

COUNCIL POLICY CONSIDERATION:

This action supports the City Council's strategic goal to improve, maintain and enhance public facilities infrastructure; to provide a high quality of public service, which adds to the quality of life in the City and increases its attractiveness through more efficient management of resources.

ENVIRONMENTAL ANALYSIS:

This contract is exempt from CEQA per section 15061(b) (3), the General Rule. The General Rule can be applied when it can be seen with certainty that the activity will not have a significant effect on the environment. The proposed action is for the replacement of the existing audiovisual technology in City Council Chamber and will not result in any new development or physical changes.

FISCAL IMPACT:

The cost of this action will be \$290,462. Funding for this action will be addressed by the utilization of existing budgeted appropriations in Capital Improvement Program Budget account number 71157 (DoIT Equipment Lifecycle Replacement FY 2015 – FY 2019). It is anticipated that the entire contract amount will be spent during the current fiscal year.

The proposal includes a warranty on equipment and software support for one year at no additional cost to the City. Prior to the conclusion of the warranty period, staff intends to go out to bid for ongoing maintenance support for both the Council Chamber and the Emergency Operations Center (EOC). By combining the support needs of these two

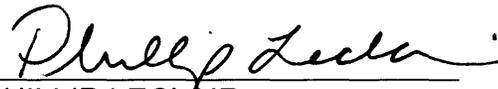
facilities it is anticipated that we will enjoy more competitive pricing. Funding for the Emergency Operations Center is currently in place while funding for the Council Chamber technology has typically been funded from the City Clerk's budget and will be reviewed during the upcoming FY17 budget process.

The anticipated impact to other operational programs or capital projects as a result of this action will be minimal.

The following table presents a contract summary:

Base Contract Amount	\$264,056
First-Year Warranty & Software Support	\$ 0
Contingency	\$ 26,406
Total Fiscal Impact	\$290,462

Respectfully submitted,



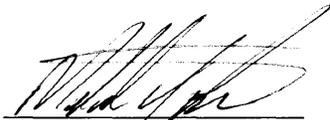
PHILLIP LECLAIR
Chief Information Officer
Department of Information Technology

Prepared by:



Randall Hendon
Project Manager
Department of Information Technology

Approved by:



MICHAEL J. BECK
City Manager

Attachment A: Taxpayer Protection Amendment Form

SUBJECT: CONSIDERATION OF ALTERNATIVES FOR UPGRADES TO THE COUNCIL CHAMBERS

SOURCE: ADMINISTRATIVE SERVICES DEPARTMENT

COMMENT: In response to concerns voiced at the City Council Meeting of October 21st with regard to proposed A/V upgrades within the Council Chambers and the potential utilization of live/video streaming of City Council Meetings, staff has compiled additional information to provide clarification and further options for Council’s consideration.

Audio/Visual Upgrades in Council Chambers

As the Council is aware, the A/V appliances currently in place are antiquated and lack expansion capabilities and modern input ports which render them incompatible with newer technologies. Issues with audio are a common occurrence which cannot be effectively addressed with the current hardware. As such, staff proposes upgrades to the A/V infrastructure which includes an HD projector with mixer; new microphones on the dais; HD A/V connectivity panel, and related appurtenances. Staff obtained three quotes from vendors for the proposed A/V appliance upgrades, which are attached hereto for Council’s reference. It is staff’s opinion that ITC offers the best solution at the lowest cost, at \$19,419.97. In addition to some necessary in-house electrical work which staff estimates will not exceed \$1,000, the total cost for the proposed work is not to exceed \$20,419.97.

Live/Video/Audio Streaming Options

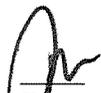
Option 1: *Annual Cost: \$6,000*

Status Quo

As previously reported, the City currently provides Mr. Will Lloyd access to video City Council Meetings after which the City then purchases an unedited complete video recording.

Pros: Equipment is owned, maintained and operated by local vendor. No additional equipment purchase by City is necessary; no staff time needed for camera operation.

Cons: High cost; does not provide for public access unless PRA request is submitted; staff time required for producing video/audio recordings on request.



Dir



Funded/
Appr.



CM

Item No. 13

Option 2:

One-time Cost: \$2,400

Annual Cost: \$10,800

Status Quo with Video Uploaded to City's Website

Another option is to maintain the City's arrangement with Mr. Lloyd and increase the City's storage capacity through its internet provider to allow for the uploading of meeting videos. The quote provided by the City's vendor to upgrade the City's website for greater storage capacity and increased bandwidth for public access to allow for the video uploads is \$400 per month, or \$4,800 per year.

Pros: Equipment is owned, maintained and operated by local vendor; No additional equipment purchase is necessary; provides for direct public access which increases staff efficiency.

Cons: High cost; upgrade to storage capacity and bandwidth necessary; video saved as one large file without bookmarking capabilities.

Option 3:

One-Time Cost: \$6,380

Annual Cost: \$2,976

SuiteOne Media Live/Video Module:

This option presented to the Council on October 21st consists of contracting with a web-based vendor, SuiteOne Media, for the provision of live streaming/on-demand video capabilities. A key feature of this function through SuiteOne Media is the linking of the streaming component to the agenda management component thereby allowing users to simply click on the specific item they wish to view. The contract is essentially for unlimited cloud storage which mirrors the City's website, unlimited bandwidth, and 24/7 technical support, while the City maintains ownership of the files.

Pros: Low annual cost; provides for direct public access; increased staff efficiency; capabilities for live or on-demand streaming; video linked to agenda items; inexpensive unlimited cloud storage and bandwidth; 24/7 technical support.

Cons: Purchase, installation and maintenance of video cameras required.

Option 4:

Annual Cost: \$2,976

SuiteOne Media Live/Audio Streaming:

This option utilizes the same SuiteOne Media module, without the necessity of purchasing cameras. By utilizing only the audio component, public users would be able to directly link to an agenda item to which they wish to listen.

Pros: Lowest cost; provides for direct public access; increased staff efficiency; capabilities for live or on-demand video streaming in the future if desired; audio linked to agenda items; inexpensive unlimited cloud storage and bandwidth; 24/7 technical support.

Cons: None identified.

Funding for the Audio/Visual Chamber Upgrades Project is proposed to be from the Special Purposes Reserve Fund. Depending on the live/video/audio streaming option(s) selected, future ongoing costs would be offset by the current annual expenditure of \$6,000, and is proposed to become a budgetary item.

- RECOMMENDATION: That the Council:
1. Approve the proposed Audio/Visual Chamber Upgrades and authorize staff to engage the services of in-house staff for miscellaneous electrical upgrades not to exceed \$1,000; and ITC in an amount up to \$19,419.97; and
 2. Approve one of the four options presented, or any combination thereof, with regard to live/video/audio streaming of City Council Meetings.

ATTACHMENTS: Quotations for A/V Appliance Upgrades



244 W. Olive Ave.
Porterville, CA 93257

Estimate

Date	Estimate #
10/2/2014	2288

Name / Address
The City of Porterville 291 North Main Street Porterville, California 93257

			Project
Description	Qty	Rate	Total
City of Porterville AV System Upgrade:			
Provide and install listed material. A new HD scaler and switching system controller with picture in picture will be installed and programmed. The existing peripheral display source equipment will be reused. A new HD Projector system with wireless and LAN based display options will be installed. Two HD media source connectivity panels with VGA, HDMI, and Composite video/ audio will be installed. The Audio system will be updated to include all mic inputs and display audio inputs. The existing audio system and components/ microphones will be reused, five microphones will be replaced. The video display system will be controlled via the new system controller ** Optional lighting control an be added**.			
Estimated Labor	1	3,360.00	3,360.00
Material:			
HD Projector	1	2,409.00	2,409.00
Wireless Display Module (proprietary to projector)	1	119.00	119.00
HD A/V Connectivity Panel	2	360.00	720.00
1x8 HDMI Splitter & Clock Stretcher, Supports 3D and Deep Color	1	167.93	167.93
1x2 HDMI Splitter & Clock Stretcher, Supports 3D and Deep Color	1	62.93	62.93
HDMI extension/ interconnect cable	12	48.93	587.16
Touch screen remote	1	754.79	754.79
Remote base and remote power	1	385.00	385.00
Equipment rack with slide out base	2	365.40	730.80
Equipment shelf	4	36.72	146.88
Light duty duty equipment shelf	2	48.00	96.00
Fan system	1	280.00	280.00
Data Run	4	116.20	464.80
HDMI Feeder	2	265.92	531.84
HDMI to VGA switch	1	240.00	240.00
HD video scaler and switching system	1	3,045.00	3,045.00
Projector link cables	1	320.00	320.00
Remote mixer 4ch	2	658.90	1,317.80
DI receiver 4ch	1	158.40	158.40
		Total	



244 W. Olive Ave.
Porterville, CA 93257

Estimate

Date	Estimate #
10/2/2014	2288

Name / Address
The City of Porterville 291 North Main Street Porterville, California 93257

Project

Description	Qty	Rate	Total
Sure 12" gooseneck with switch	5	293.25	1,466.25
Crown Amplifier CDi 1000	1	659.99	659.99
Sales Tax	14,663.57	0.085	1,246.40
Freight	1	150.00	150.00
		Total	\$19,419.97

LEE'S STEREO
3120 SOUTH MOONEY BLVD

THANK YOU

NOT FINAL

Created On: 7/28/2014

VISALIA CA 93277
(559) 734-1225 Fax: (559) 635-2192
www.leesstereo.com

INVOICE	TYPE	DATE	TIME	PAGE#
Y 112543	RETAIL	10/2/2014	3:05:55 PM	1

CUSTOMER INFORMATION	
Williams Ted 291 N Main St	VIP#
Porterville CA 93257 Home: 782-7439	Work: Cell: (559) 333-7439

DEALER INFORMATION	
	ID#
Ext:	
STK:	PO: RO:

AUTOMOBILE DESCRIPTION	
Make:	Model:
Year:	Color:
VIN#:	
Odometer:	
Registration:	

APPOINTMENT INFORMATION	
Sales1: PL	Day: Monday Bay#: 0
Sales2:	Date: 7/28/2014
Start Time: 03:25 PM	Stop Time: 03:25 PM

JOB DESCRIPTION	

QTY.	MODEL	MAKE	DESCRIPTION	SERIAL NO.	PRICE	SUBTOTAL
7	#MISCITEM	MISCITEM	desk top mic	#MISCITEM	\$459.95	\$3219.65
1	#MISCITEM	MISCITEM	matrix swicher	#MISCITEM	\$699.95	\$699.95
1	#MISCITEM	MISCITEM	convgahd	#MISCITEM	\$179.95	\$179.95
8	#MISCITEM	MISCITEM	speco 8 dual cone commercial	#MISCITEM	\$49.95	\$399.60
1	#MISCITEM	MISCITEM	crown mixer/amp	#MISCITEM	\$799.95	\$799.95
4	MHX-HDME3	ETHEREAL	3M (9.8 FT.) HIGH SPEED HDMI C	MHX-HDME3	\$49.95	\$199.80
1	#MISCITEM	SONY	projector	#MISCITEM	\$1600.00	\$1600.00
1	#MISCITEM	MISCITEM	mixer shure	#MISCITEM	\$1999.95	\$1999.95
7	XC-10	NADY	10' MICROPHONE CABLE	XC-10	\$19.99	\$139.93
150	24/4P-L5-C	LIBERTY	Cat-5e Telephone/data Cable	24/4P-L5-C	TECHNICIAN \$0.50	\$75.00

LABOR/SUBLET DESCRIPTION
SUBLET:

Materials:	\$12818.08
Labor:	\$6000.00
Sublet:	\$0.00
Other:	\$0.00
Misc:	\$0.00
Sales Tax:	\$1057.50
Invoice	\$19875.58

TERMS & CONDITIONS
<p>**NO CASH REFUNDS** ALL RETURNS OR EXCHANGES MUST BE MADE WITHIN 10 DAYS OF PURCHASE DATE. IN STORE CREDIT WILL BE GIVIN ONLY. WARRANTIES ONLY APPLY TO PRODUCTS SOLD BY LEES STEREO, CUSTOMER MUST PAY SHIPPING ON ALL WARRANTIES AND REPAIR SHIIPMENTS. ALL SPECIAL ORDER ITEMS MUST BE PAID IN FULL BEFORE ORDERING AND NO RETURNS. NO RETURNS ON ELECTRONIC PARTS INCLUDING TV LAMPS.</p> <p>SIGNATURE _____</p>

HOW PAID	
Paid Cash :	
Paid Charge :	
Card Info :	
Auth. Code :	
Gift Card:	
Gift Cert:	
Paid Check : Chk#	
Paid House :	
A/R Open : Due:	
Deposit : Type:	\$0.00
Balance	\$19875.58

LEE'S STEREO
3120 SOUTH MOONEY BLVD

THANK YOU

NOT FINAL

Created On: 7/28/2014

VISALIA CA 93277
(559) 734-1225 Fax: (559) 635-2192
www.leesstereo.com

INVOICE	TYPE	DATE	TIME	PAGE#
Y 112543	RETAIL	10/2/2014	3:05:55 PM	2

CUSTOMER INFORMATION	
Williams Ted 291 N Main St	VIP#
Porterville CA 93257 Home: 782-7439	Work: Cell: (559) 333-7439

DEALER INFORMATION	
	ID#
Ext:	
STK:	PO: RO:

AUTOMOBILE DESCRIPTION	
Make:	Model:
Year:	Color:
VIN#:	
Odometer:	
Registration:	

APPOINTMENT INFORMATION	
Sales1: PL	Day: Monday Bay#: 0
Sales2:	Date: 7/28/2014
Start Time: 03:25 PM	Stop Time: 03:25 PM

JOB DESCRIPTION	

QTY.	MODEL	MAKE	DESCRIPTION	SERIAL NO.	PRICE	SUBTOTAL
250	16-2C KO	LIBERTY	16AWG 65STR. SPKR. WIRE	16-2C KO	\$0.65	\$162.50
150	RG6 / 2C	ARBUCKLE	RG6 COAX W/ 18G 2C POWER	RG6 / 2C	\$0.95	\$142.50
1	#MISCITEM	MISCITEM	hdmi extender over coax	#MISCITEM	\$449.95	\$449.95
2	#MISCITEM	MISCITEM	wireless mic	#MISCITEM	\$499.95	\$999.90
1	#MISCITEM	MISCITEM	hdmi 1 in 8 out	#MISCITEM	\$399.95	\$399.95
1	#MISCITEM	MISCITEM	hdmi cables	#MISCITEM	\$600.00	\$600.00
10	#MISCITEM	MISCITEM	hdmi wall plates	#MISCITEM	\$39.95	\$399.50
1	#MISCITEM	MISCITEM	parts	#MISCITEM	\$350.00	\$350.00
1	LABOR	LABOR	labor	LABOR	\$6000.00	\$6000.00

TECHNICIAN

LABOR/SUBLET DESCRIPTION
SUBLET:

Materials:	\$12818.08
Labor:	\$6000.00
Sublet:	\$0.00
Other:	\$0.00
Misc:	\$0.00
Sales Tax:	\$1057.50
Invoice	\$19875.58

TERMS & CONDITIONS
<p>**NO CASH REFUNDS**</p> <p>ALL RETURNS OR EXCHANGES MUST BE MADE WITHIN 10 DAYS OF PURCHASE DATE. IN STORE CREDIT WILL BE GIVIN ONLY. WARRANTIES ONLY APPLY TO PRODUCTS SOLD BY LEES STEREO, CUSTOMER MUST PAY SHIPPING ON ALL WARRANTIES AND REPAIR SHIIPMENTS. ALL SPECIAL ORDER ITEMS MUST BE PAID IN FULL BEFORE ORDERING AND NO RETURNS. NO RETURNS ON ELECTRONIC PARTS INCLUDING TV LAMPS.</p> <p>SIGNATURE _____</p>

HOW PAID	
Paid Cash :	
Paid Charge :	
Card Info :	
Auth. Code :	
Gift Card:	
Gift Cert:	
Paid Check : Chk#	
Paid House :	
A/R Open : Due:	
Deposit : Type:	\$0.00
Balance	\$19875.58



9941 E. Mission Lane, Scottsdale, AZ 85258
Phone: 480 661-5629 Fax: 480 661-7589
www.jcgtechnologies.com

Audio System Proposal City of Porterville, CA October 1, 2014

JCG Audio Solution

JCG Technologies, Inc (JCG) provides cost effective software solutions to cities and other organizations that want to automate their legislative workflow and improve access to information; improving customer service while saving time and money.

JCG solutions include Digital Audio and Video Recording, Agenda Automation, Public Records Request Management, Video Streaming and Archiving Services, Media Presentation, and Audio/Video Systems. Please visit our web site at www.jcgtechnologies.com.

This system proposal is offered as a detailed explanation and outline for the above referenced project. The proposal details our scope of work, any concerns or exclusions, and our cost to you for the referenced project. Please read all information carefully and feel free to contact us with any questions or concerns.

Scope of Work

It is our goal to deliver a complete and functional, integrated media design whose components are listed below.

JCG will:

- Provide, install, and control 6 new Shure MX412S/S microphones, and the clients existing microphones, through a JCG Provided Lectrosonic Model 16/12 Digital mixer and a Lectrosonics Model 8/12 Digital mixer.



- Replace the client's existing amplifier with the QSC Amplifier.
- JCG will utilize the clients existing speakers.
- Provide and install Mid Atlantic Power Supply in clients existing rack.
- Mount and Install a HD Projector.
- Provide and configure a new Extron controller system.
- JCG will terminate and test the complete system prior to training.
- Provide the client with a binder of the manufacturers manuals, warranty cards, and any other pertinent pieces of documentation.
- Install and test all specified equipment and components to provide the client with a fully functional integrated media system. Specified equipment and components will be installed per the initial build documentation set.
- Provide comprehensive training on system usage and features to the client.

Requirements and Exclusions

The following details certain exclusions and points of concern as it relates to this project.

- JCG is not responsible for providing 110 VAC circuits to the specified equipment and/or to the equipment locations. JCG will coordinate with the client as to the engineered and physical requirements of the power circuits, which will be provided by client and or its subcontractor.
- Client will need to provide adequate space for any equipment rack mounting. JCG will furnish requirements for the rack locations if required.
- Client is responsible for speaker wire and termination of speaker wire to audio rack.



System Cost

This proposal is valid for 90 days from the date shown above. In the event the date of your approval to proceed exceeds this 90-day limitation, JCG will recalculate this proposal to represent the current costs for the system.

Equipment Cost	\$15,350.25
Engineering/Programming	1,250.00
Closeout Documentation and User Manual	Included
Assembly Labor	3,500.00
Travel / Lodging / Expenses	Included
Testing	Included
Training	Included
Freight Equipment	450.00
Sales Tax	NA
Total Cost	\$20,550.25



Components

Item Description	Qty	
Common Items		
JCG, Inc. Cables and Connectors, Screws, Microphone Cables, Misc Connectors	1	
Audio/Video System		
Lectrosonics DM812 Digital Matrix Audio Processor (8 inputs 12 outputs)	1	
Lectrosonics DM1612 Digital Matrix Audio Processor (16 inputs 12 outputs)	1	
QSC ISA500Ti Amplifier	1	
Shure MX412S/S Microphones	6	
LG HD Projector	1	
Projector Mounts	1	
HDMI Splitters	2	
Mid-Atlantic Power Supply	1	
Extron Equipment		
Extron 4 input Switcher with Mono Audio Amplifier	1	
Extron Secondary Control Panel	1	
Extron Surface Mount Boxes	1	
Extron VGA Twisted Pair Transmitter	3	
Extron VGA Twisted Pair Transmitter	3	



Deadline and Deliverables

A successful project requires that all parties work toward a common goal, especially as it relates to the completion of the project. JCG deliverables are based on a timeline that commences when JCG receives a signed contract or a purchase order authorizing its engagement for this project.

JCG is forecasting the delivery, installation, testing and commissioning of the proposed system to be complete no later than 60 days from receipt of a purchase order or signed contract. Upon official acceptance of this proposal and issuance of a signed contract or purchase order, JCG will contact the client to establish a working deadline for the completion of this project.

In the event the client requests changes to the original scope or deadline, JCG will propose a revised cost to the client for such changes and will issue an altered deadline as dictated by the request.

Method and Terms of Payment

A signed contract or a purchase order will serve as an acknowledgement and an agreement to the payment terms. In the event that it is impossible to honor these payment terms due to corporate or government restrictions, JCG will issue a new proposal or acceptance reflecting the altered and agreed upon terms of payment.

Each invoice shall be due and payable to JCG Technologies, Inc., at the address specified in this quotation. Client agrees to pay a late charge of two percent (2%) per month or the maximum lawful rate; whichever is less, for all amounts not paid within thirty (30) days of receipt of invoice.

JCG will provide detailed accounting of part numbers, serial numbers, and equipment location. Our payment terms for this project are:

50% When the Purchase Order is issued.

Final payment of the contract upon completion and delivery of proposed system.



System Warranty

The strength of any Systems Integration Company is its ability to stand behind its system and workmanship. JCG is proud to offer a one-year “bumper to bumper” warranty for this project. This warranty period commences upon the completed installation.

What is Covered?

Workmanship:

Should any part of the system installed by JCG fail due to faulty wiring, faulty termination, or any other negligent act of labor by JCG; we will repair the system at no charge to the client.

Hardware and Components:

JCG honors the manufacturer’s warranty for all equipment sold for this project. Each individual manufacturer warrants its product for varying lengths of time. Should any product need replacement during the system warranty period, JCG will repair or replace that product at no charge to the client.

Outside of the system warranty period, JCG will assist the client in exercising any remaining warranty on the specific product. This will be done at normal service rates and expenses.

What We Will Do:

During the system warranty period, JCG will make every attempt to remotely diagnose and/or repair the deficiency of the system prior to an on-site service call. Once our staff has determined that there is no alternative but to conduct an on-site visit, we will make every attempt to respond as quickly as possible.

Handling a Warranty Claim:

Once a service call is made, our service department will handle the claim. Our service department can be reached during normal business hours at (480) 661-5629. Our normal business hours are Monday through Friday, 8:00am to 5:00pm. AZ MST, excluding holidays. We encourage our clients to keep us aware of critical meeting dates in the unlikely event a service issue arises. During the first year, there is no charge for handling the warranty.



Outside of that period, should a service call be required, you will incur time and material charges at a current service rates and expenses of JCG Technologies, Inc. This includes travel expenses. Additional comprehensive preventative maintenance programs are available from JCG.

Individual Equipment Warranty:

Aside from the system warranty, most components will carry additional manufacturer warranty coverage anywhere from two to four years. Our system documentation includes all of the necessary paperwork and cards so that the client can register with the manufacturers to officially be eligible for the warranty. As an authorized dealer of each system component, JCG will be available to assist in the processing of warranty claims for your project if and when the need arises.

What This Warranty Does Not Cover:

This system warranty does not cover defects resulting from accidents, alterations to the system, unauthorized repair of components, or general misuse of the system. JCG reserves the right to refuse warranty service if it is found that the client is negligent as described above.



Contact Information

Please do not hesitate to contact me if you have any questions or require any additional information.

Christie Schmenk

Regional Sales Manager
JCG Technologies, Inc.
9941 East Mission Lane
Scottsdale, Arizona 85258

Phone: 619 955-8954
Fax: 480 661-7589
Mobile: 602 418-5307
E-mail: cnschmenk@jcgtechnologies.com
Web: www.jcgtechnologies.com



MEMORANDUM

To: Ms. Teresa Wilson, City Manager
From: Kathy Santandreu, Buyer 
Date: April 26, 2013
Re: Request for Council Approval/R147347

Request for the purchase of one (1) lot to provide and install audio visual equipment at City Hall's Council Chambers as requested by the Support Services department.

Three (3) bids were received in response to bid solicitation #00022-12-13, *City Hall Council Chambers Audio Visual Equipment*. I ask that you seek Council's approval for the purchase of this one (1) lot of audio visual equipment from the lowest responsible and responsive bidder, Gattis Pro Audio Inc, at the following quantity and cost plus SC sales tax.

Qty. 1 Lot - Audio Visual Equipment	\$68,071.00
Tax	<u>\$4764.97</u>
Total	\$72,835.97

Gattis Pro Audio Inc: 105 Libby Lane, Lexington , SC 29072

This will be charged as follows:

General Capital Projects/Video/Photography equipment - capital 4039999 - 658610	
City Hall Renovations/ Video/Photography equipment – capital CP106602- 658610	\$72,835.97


4/26/13

Bid Tabulation Report
00022-12-13: City Hall Council Chambers Audio Visual Equip
Friday, April 26, 2013

Item #	Product Code	Product Description	Quantity	Unit Price	Extended
Bidder ID: B001736 - Graybar					
745 Sunset Blvd. West Columbia, SC 29169-			Terms and Conditions: I Agree Noncollusion: Y Local Preference: No Certified Local Vendor: N		
1	80300	Lot to provide and install audio visual equipment per the at	1.00	0.00	0.00
Total Graybar					0.00
Bidder ID: B001825 - Gattis Pro Audio, INC.					
105 Libby Lane Lexington, SC 29072			Terms and Conditions: I Agree Noncollusion: Y Local Preference: Yes Certified Local Vendor: N		
1	80300	Lot to provide and install audio visual equipment per the at	1.00	68,071.00	68,071.00
Total Gattis Pro Audio, INC.					68,071.00
Bidder ID: B001826 - Productions Unlimited, Inc					
870 Anderson Ridge Road Greer, SC 29651-			Terms and Conditions: I Agree Noncollusion: Y Local Preference: No Certified Local Vendor: N		
1	80300	Lot to provide and install audio visual equipment per the at	1.00	0.00	0.00
Total Productions Unlimited, Inc					0.00
Bidder ID: B001827 - Whole House Audio & Video, Inc.					
661 Silver Bluff Road Aiken, SC 29803-			Terms and Conditions: I Agree Noncollusion: Y Local Preference: No Certified Local Vendor: N		
1	80300	Lot to provide and install audio visual equipment per the at	1.00	77,777.76	77,777.76
Total Whole House Audio & Video, Inc.					77,777.76
Bidder ID: B001828 - Smarter Systems					
3023 HSBC Way Fort Mill, SC 29707			Terms and Conditions: I Agree Noncollusion: Y Local Preference: No Certified Local Vendor: N		
1	80300	Lot to provide and install audio visual equipment per the at	1.00	83,911.05	83,911.05
Total Smarter Systems					83,911.05

Note: The bid tabulation above may reflect the apparent low bidder; however an evaluation will be done to determine if the bid meets all bid requirements before an award is made.

Bid Tabulation Report
00022-12-13: City Hall Council Chambers Audio Visual Equip
Friday, April 26, 2013

Item #	Product Code	Product Description	Quantity	Unit Price	Extended
---------------	---------------------	----------------------------	-----------------	-------------------	-----------------

Note: The bid tabulation above may reflect the apparent low bidder; however an evaluation will be done to determine if the bid meets all bid requirements before an award is made.

Santandreu, Kathy C

From: Keisler, Kelvin
Sent: Thursday, April 25, 2013 5:03 PM
To: Santandreu, Kathy C
Cc: Knoche, David (JDKnoche@columbiasc.net); Harrington, Milton (mrharrington@columbiasc.net)
Subject: Bid 00022-12-13 City Hall Council Chambers Audio Visual Equipment

Kathy,

It appears that Gattis Pro Audio, Inc. has included the items specified in the bid for the Audio Visual System at City Hall Council Chambers and meet the minimum qualifications. Therefore, since Gattis Pro Audio, Inc. according to the Bid Tabulation Report for 0002-12-13 City Hall Council Chambers Audio Visual Equipment was the lowest responsive bidder, Support Services is recommending proceeding with Gattis Pro Audio, Inc., for this project. Should you have any question or concerns please do not hesitate to give me a call.

Thanks,



We Are Columbia

Kelvin Keisler
Support Services Administrator

General Services Department
1924 Calhoun Street | PO Box 147
Columbia, SC 29201
krkeisler@columbiasc.net
(803) 545-3115
(803) 988-8196 fax

Meeting Date: 12/8/2015

Report Type: Consent

Report ID: 2015-01084

Title: Contract: Council Chamber Audio Video Broadcast Equipment

Location: Citywide

Recommendation: Pass a Motion authorizing the City Manager or his designee to award a contract with VMI, Inc. for the purchase of audio and visual equipment for an amount not-to-exceed of \$156,431.

Contact: Manuel Martinez, IT Supervisor (916) 808-8785; Ignacio Estevez, IT Manager, (916) 808-7349, Information Technology

Presenter: None

Department: Information Technology

Division: Technology Infrastructure Svcs

Dept ID:

Attachments:

1-Description/Analysis

2-Contract

City Attorney Review

Approved as to Form
Audreyell A. Anderson
12/1/2015 10:44:15 AM

Approvals/Acknowledgements

Department Director or Designee: Maria MacGunigal - 11/30/2015 2:15:58 PM

Description/Analysis

Issue Detail: The audio, video, and broadcast systems in the City Council Chambers and Historic Hearing Room have been operational for over 10 years with minimal system outages or down time. As with most electronic systems, continued equipment maintenance, scheduled hardware, and software upgrades are necessary to ensure the electronic systems' peak performance.

Staff requests City Council approval for the procurement of audio, video, and broadcast equipment to upgrade the electronic systems in the City Council Chambers and Historic Hearing Room. This equipment replacement will also upgrade the City Council Chambers and Historic Hearing Room's live video broadcast quality from Standard Definition to High Definition. .

Policy Considerations: The recommendations in this report are in accordance with the goals, objectives, initiatives, and operating principles of the City's IT Department, Sacramento City Code Chapters 3.56 and 3.64, and Administrative Policies 4001, 4104, and 4102.

Economic Impacts: None.

Environmental Considerations: The report concerns administrative activities that will not have a significant effect on the environment, and does not constitute a "project" as defined by the California Environmental Quality Act (CEQA) [CEQA Guidelines Sections 15061(b)(3);15378(b)(2)].

Sustainability: Not applicable.

Commission/Committee Action: Not applicable.

Rationale for Recommendation: The Department of Information Technology (IT) issued Invitation for Bid B16071011003 (the "IFB") for replacement of the audio, video, and broadcast equipment for the Council Chambers and Historic Hearing Room. Staff received three bids: two were responsive. The bid from VMI, Inc. was the lowest responsible bidder.

Bidder Name	Bid Amount	LBE	Responsive/Non Responsive
ProSound Inc	\$162,255.34	No	Responsive
VMI Inc	\$156,430.84	No	Responsive
CalMedia Solutions	\$66,532.20	No	Non-Responsive

Financial Considerations: Since 2009, the Sacramento Metropolitan Cable Television Commission (“SMCTC”) began collecting a 1% Public, Educational, and Governmental (“PEG”) access channel fees from cable television operators to support PEG facilities. In May 2015, staff applied for and received PEG funding approval from the SMCTC as outlined in a PEG Fee Funding Agreement for Member Agency (City Agreement 2015-1544), in the amount of \$268,260 to upgrade the audio, video, and broadcast equipment in the City Council Chambers and Historic Hearing Room. Per City Agreement 2015-1544, the City will procure the equipment using General Funds and will be reimbursed by SMCTC using PEG funds.

This component of the project focuses on procurement of upgraded hardware equipment from VMI, Inc. for an amount not-to-exceed \$156,431. The remaining PEG funding will support equipment installation, configuration, testing, and training. The receipt and expenditure of these funds has been budgeted in the fiscal year 2015/16 budget.

Local Business Enterprise (LBE):

VMI is not an LBE. The minimum LBE participation requirement is waived for the procurement of supplies totaling greater than \$100,000 because of the limited number of local suppliers and subcontracting is generally not practical or financially beneficial to the City.



City of Sacramento

Tax ID # if applicable:

Requires Council Approval: No YES Meeting: 12/08/15

Real Estate Other Party Signature Needed Recording Requested

General Information

Type: Other	PO Type: Cooperative-Competitive	Attachment: Original No.:
\$ Not to Exceed: \$	156,430.84	Original Doc Number:
Other Party: VMI, Inc.		Certified Copies of Document::
Project Name: Council Chambers Audio Video Broadcast Equipment		Deed: <input checked="" type="checkbox"/> None <input type="checkbox"/> Included <input type="checkbox"/> Separate
Project Number:	Bid Transaction #: B16071011003	E/SBE-DBE-M/WBE:

Department Information

Department: Information Technology Division: IT Business Management
 Project Mgr: Supervisor:
 Contract Services: Cassy Vaioleti Date: 11/19/15 Division Mgr: Ignacio Estevez
 Phone Number: 916-808-8047 Org Number:
 Comment:

Review and Signature Routing

Department	Signature or Initial	Date
Project Mgr:		
Accounting:		
Contract Services:	<i>Cassy Vaioleti</i>	11/19/15
Supervisor:		
Division Manager:	<i>Ignacio Estevez</i>	11/19/15
City Attorney	Signature or Initial	Date
City Attorney:		

Send Interoffice Mail Notify for Pick Up

Authorization	Signature or Initial	Date
Choose Director		
Department Director:		
City Mgr: yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		

Contract Cover/Routing Form: Must Accompany ALL Contracts; however, is not part of the contract. (01-01-09)

For City Clerk Processing	
Finalized:	
Initial:	
Date:	
Imaged:	
Initial:	
Date:	
Received: <small>(City Clerk Stamp Here)</small>	

IX.) Contract Approval and Attestation – For City Use Only

FOR CITY USE ONLY UPON AWARD OF A CONTRACT

The Bid was opened on 11/18/15.

Bid Bond Required: [] No; [] Yes - Amount: \$ _____

Received: [] Cashiers or Certified Check drawn on a California bank;

Or [] Surety Bond

City Clerk

156,430.84
CONTRACT AWARD

Bid Items Included in the Contract: All Items, unless otherwise specified below

Specify: _____

Contract Not-to-Exceed Amount: \$ _____

Award Date: _____

CONTRACT APPROVAL

Approved as to Form:

Approved:

Attest:

City Attorney

City Manager
(Or Authorized Designee)

City Clerk

Invitation For Bid (IFB)
and
Contract Specifications
for **Supplies** *(Formal)*

Bid Number:	B16071011003
Bid/Contract Title:	Council Chambers Audio Video Broadcast Equipment

Bids must be received prior to **2:00 PM** on:

Wednesday	11/18/2015
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Late bids *will not* be accepted.

Bids must be submitted to:

OFFICE OF THE CITY CLERK
5TH FLOOR PUBLIC COUNTER
SACRAMENTO CITY HALL
915 I STREET
SACRAMENTO CA 95814-2613

Pre-bid conference
and Q&A information

See page 4

Bidder to complete the following information:

Bidder Name:	VMI, INC.
Address:	211 E WEDDELL DR.
City, State, ZIP code:	SUNNYVALE, CA. 94089
Contact name:	DENNIS B. DUNRUD, GOVERNMENT SALES MANAGER
Contact phone number:	(916)369-6911
Contact email address:	dennisd@vmivideo.com

Note: All information submitted in or in connection with a bid is submitted under penalty of perjury. The City shall have the right to terminate at any time any Contract awarded pursuant to a bid that contains false information. The return of a signed copy of this bid solicitation shall constitute a promise to supply in accordance with terms and conditions shown herein. **All bid submissions become public record.**



**VMI, Inc. Corporate
Headquarters
211 East Weddell Drive
Sunnyvale, CA, 94089**

17NOV2015

Office of the City Clerk
Sacramento City Hall
915 I Street, 5th Floor
Sacramento, CA. 95814

Re: Bid B16071011003

Greetings,

Thank you for the opportunity to bid on the above-referenced procurement. The VMI Bid response is enclosed with this letter. Please note that the FOR.A switcher model number has changed to the successor model. In essence, more features at a better price and fully compatible with previous model. Also, the Sharp monitor has been discontinued. I have replaced it with a better 4K model.

I would also like to request that the City honor the Small Business certification granted by the State of California to VMI, Inc. Under this certification, small businesses are granted a 5% bid preference over non-small business competitors in procurement actions throughout the State of California. VMI also provides 24/7 local support for sales and service through local rep Dennis Dunrud in Mather, CA. My contact information is listed below. Please call or email if you have any questions regarding this bid.

Thank you for your consideration. Have a great day.

Sincerely,

Dennis B. Dunrud, Government Sales Manager
VMI, Inc.
dennisd@vmivideo.com
(916)369-6911 phone, (916)952-2877 cell



Dennis Dunrud
Government Sales Manager

Broadcast and AV Solutions
Sales - Service - Rental - Design & Installation

916-369-6911
M: 916-952-2877
dennisd@vmivideo.com

Sacramento, CA
www.vmivideo.com

CA License #995912
CA Sm. Business #1130920

Sacramento
916-952-2877

SF Bay Area
408-745-1700



So. California
714-894-6100

Washington
5-309-532-0119

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About the City of Sacramento

Founded in 1849, the City of Sacramento is the oldest incorporated city in California and is the capital city of California. It has a population of 473,509. Sacramento is a progressive city with great pride in its ethnic and cultural diversity, concern for environmental and social issues and emphasis on quality in the provision of governmental services. Sacramento is a Charter city, which operates under the City Council Manager Form of government. It has an annual budget of \$873 million and 4,157 full-time equivalent positions.

This Bid/Contract document was prepared by:

Name:	Manuel Martinez	Title:	IT Supervisor
Department:	Information Technology	Division:	Technical Infrastructure

I.) Bid Instructions

1.) CITY CODE: All provisions of Chapter 3.56 of the City of Sacramento ("City") Code are applicable to any bid submitted or Contract awarded.

2.) OFFICIAL ELECTRONIC COPY: A copy of the bid document and other documents may be obtained by Registered Vendors only through the City of Sacramento's official web Bid Center, aka "PlanetBids". The link to the site is:

<http://www.PlanetBids.com/portal/portal.cfm?CompanyID=15300>

3.) ADDITIONAL BID INFORMATION: All Addenda and other information will be found at the above official City Bid Center.

4.) EXTENSION OF TIME FOR SUBMITTAL: Notification of a change to the submittal deadline shall be sent automatically by the Bid Center system to all Potential Vendors (those registered vendors who have previously downloaded the bid document).

5.) LATE BIDS NOT ACCEPTED: Bids received after the deadline, or bids submitted in a manner contrary to that prescribed in the bid, shall be deemed non-responsive.

6.) THIRD PARTY SOURCES OF THE BID DOCUMENTS: The City is not responsible for bid documents obtained through third-party sources, such as plan rooms or aggregate bid services. Such documents may be incomplete and bids submitted may be deemed non-responsive. Registration as a vendor in the PlanetBids system is required in order to obtain official bid documents and to receive emails concerning any changes to the bid. **Questions about the Bid Center electronic bid platform shall be addressed to the City of Sacramento Procurement Services Division at 916-808-6240.**

7.) ALL INFORMATION REQUESTED: All information requested shall be entered into the appropriate space on all forms and/or provided fields. Failure to do so may cause your bid to be deemed non-responsive. Bids must comply in all respects with the requested specifications.

8.) DEVIATION FROM SPECIFICATIONS: If the bidder has indicated that the item offered does not comply in all respects with the specifications stated in the bid document, the bidder is to list in detail any and all deviations. The City is under no obligation to consider an alternative bid and may accept or deny the alternative without explanation.

9.) BRAND NAMES: Brand names and model numbers, when used, are for reference to indicate the character or quality of the desired item. When a brand name, model number, or level of quality or performance is not stated by the bidder, it shall be understood that the offer is exactly as requested in the bid document.

10.) EQUIVALENT ITEMS: Items may be bid that are equivalent to the item stated in the bid document unless the bid document states that no alternatives will be accepted. Offers for equivalent items shall state the brand and model number. The bidder may attach appropriate documentation to support their claim of equivalency. The burden of proof and the cost of analysis shall be the responsibility of the bidder. The City is the sole judge as to whether an offered item is equivalent to the requested item and the City's decision shall be final.

11.) SAMPLES: Samples of items, when requested, shall be furnished free of charge of any kind, including freight or handling charges. Samples of items may be retained for future comparison. Samples may be damaged or destroyed by testing. The costs of returning samples to the bidder shall be the responsibility of the bidder and shall be returned only upon written request.

12.) EQUIPMENT: All equipment is to be new, unused, and the latest model in current production. Used, remanufactured, shopworn, demonstrator models, prototypes, discontinued models, or any other categorically synonymous descriptions are not acceptable unless explicitly stated in the bid document.

13.) VISITS TO CITY SITES: Some City facilities charge for parking and some City facilities require photo ID for admittance. Bidders should consider these requirements when attending a pre-bid conference, hand-delivering a bid, or fulfilling requirements of the Contract.

14.) TIME OF DELIVERY: The time of delivery may be a consideration of award. Time of delivery shall be stated as the number of calendar days following the receipt of the purchase order by the Bidder to the time of receipt of the goods or services at the correct City location.

15.) PAYMENT TERMS: Payment terms will be considered as Net 30 unless a cash discount for earlier payment is offered by the bidder. Discounts offered for payment in less than twenty (20) days will not be considered as a basis for award. Payment for services shall be in arrears.

16.) INTEREST IN MORE THAN ONE BID: No bidder submitting any bid shall knowingly be interested in more than one bid as the principal bidder pursuant to City Code section 3.56.130(D).

17.) AUTHORIZED SIGNATURE: The bid shall be signed by a representative of the bidding party who is legally authorized to bind the party to all of the terms and conditions of the Contract. The signatory shall indicate the capacity in which the signature is executed.

18.) BID EVALUATION: The City reserves the right to disregard mathematical errors and to correct said error. When the item price and extended price are in conflict, the City shall use the item price in the bid evaluation. If an item price is omitted, the total price shall be divided by the estimated quantity to determine the item price. If the Bid requires that the Bidder bid on all line items, and neither the item price nor the extended price of an item is offered, the bid shall then be deemed non-responsive.

19.) AWARDS: The lowest responsible bidder shall be determined pursuant to City Code 3.56.020. The City reserves the right to (a) award in whole or in part (b) reject all partial bids; (c) reject any or all bids; (d) issue subsequent Invitations For Bids (IFB); (e) approve or disapprove the use of a particular subcontractor; (f) waive any informality or irregularity in the bidding process and any bids; and (g) accept a bidder's signed offer and issue a purchase order directly to the bidder based on the IFB. The City reserves the right to make multiple awards in order to provide alternate supply sources to insure continuity of supply. **The City's decision shall be final.**

20.) PRE-AWARD CONFERENCE: The apparent lowest responsible bidder may be required to attend a pre-award conference at a mutually acceptable time at which requirements of the Contract will be reviewed. At that time, samples of forms and reports will be submitted by the Contractor for final approval.

21.) EMERGENCY/DECLARED DISASTER REQUIREMENTS: In the event of an emergency declared by the City Manager, or if any portion of the City is declared a disaster area by the county, state or federal government, this Contract may be subjected to unusual usage. The Contractor shall service the City during such an emergency or declared disaster under the same terms and conditions that apply during non-emergency/disaster conditions. The pricing quoted by the Contractor shall apply to servicing the City's needs regardless of the circumstances. If the Contractor is unable to supply the goods/services under the terms of the Contract because of a disruption in its chain of supply or service, then the Contractor shall provide proof of such disruption which may include, but not be limited to, a copy of the letter or notification from the source of supply or service stating the reason for the disruption. Additional profit margin as a result of supplying goods/services during an emergency or a declared disaster shall not be permitted.

22.) CALIFORNIA INCOME TAX WITHHOLDING STATUS: All Contractors providing goods or services to the City must certify their California income tax withholding status by filing a California Form 590 "Withholding Exemption Certificate" or California Form 587 "Nonresident Withholding Allocation Worksheet" with the City.

23.) REQUEST FOR TAXPAYER IDENTIFICATION NUMBER AND CERTIFICATION (Form W-9): All Contractors providing goods or services to the City must file a current revision of the Department of the Treasury Internal Revenue Service Form W-9 with the City.

24.) "PIGGYBACKABLE" CONTRACT: If mutually agreeable to both parties, the use of any resulting Contract may be extended to other government agencies. It shall be understood that all terms and conditions as specified herein shall apply. The City of Sacramento will not be an agent, partner or representative of any other government agency as it relates to this specification and is not obligated or liable, including, but not limited to, payment for an order placed by any other government agency.

25.) BID PROTEST: Bid protests must be filed and maintained in accordance with the provisions of Sections 3.60.460 through 3.60.560 of the Sacramento City Code. Bid protests that do not comply with these sections of the Sacramento City Code shall be invalid and shall not be considered. Sections 3.60.460 through 3.60.560 of the Sacramento City Code are available at:

<http://www.qcode.us/codes/sacramento/>

I.) Bid Instructions

26.) CITY DEPARTMENT / DIVISION / CONTACT INFORMATION

Department:	Information Technology
Division:	Technical Infrastructure Services
Contact name:	Manuel Martinez
Contact phone number:	916-808-8785

27.) Q&A SUBMITTAL DIRECTIONS

Submit questions prior to:

Date:	11/12/2015	Time:	3:00PM
--------------	------------	--------------	--------

Submit Questions via:

The City's Bid Center ("PlanetBids") Q&A tab for this bid.

(Answers will be posted to the City's Bid Center Q&A tab or by the issuing of an Addendum a minimum of 72 hours before the deadline to submit the bid.)

-OR-

Submit questions to:

--

Oral explanations or oral instructions shall not be binding on the City. Information obtained from sources other than those stated above may be invalid and responses using this unofficial information may be deemed non-responsive. Additionally, contacts made with other City staff in an attempt to circumvent, interfere, or influence the City's standard bidding and evaluation practices may be grounds for disqualification of the bidder.

28.) PRE-BID CONFERENCE MEETING

No

Yes, attendance is optional **-OR-** Yes, attendance is MANDATORY

NOTE: Bids from bidders who do not attend a MANDATORY pre-bid meeting shall be deemed non-responsive.

Date:	
Time:	
Location name:	
Address:	
Bldg./Floor/Room:	
City:	

I.) Bid Instructions

29.) Bond Information

Bid bond:	<input checked="" type="checkbox"/> Not required	<input type="checkbox"/> YES, required ^(a)	%
Performance bond:	<input checked="" type="checkbox"/> Not required	<input type="checkbox"/> YES, required ^(b)	%

^(a) Pursuant to City Code section 3.56.150 and 3.56.190

^(b) Pursuant to City Code section 3.56.200

Bid security can be in the form of a cashier's check, certified check, or a bid bond from a surety company authorized to do business in the State of California. Bid securities will be returned to all except the three lowest Bidders within ten days after the opening of bids. The bid security of the two unsuccessful Contractors will be returned after the successful Contractor has executed the Contract. Bid security of the successful Contractor will be returned when the Contract is signed and all other Contract award requirements have been met.

Performance bond can be in the form of a cashier's check, certified check, or a bid bond from a surety company authorized to do business in the State of California. Such bond shall be approved as to form by the City Attorney. The performance bond must be submitted by the successful bidder within ten days of the notification of intent to award the Contract.

30.) Timeframe

Number of days that Bid is valid:	Ninety (90) calendar days after bid opening date
Anticipated start date of Contract*:	12/08/2015
<input checked="" type="checkbox"/> One-time purchase -OR- <input type="checkbox"/> Duration of Contract:	<i>("One-time purchase" = Contract expires upon final payment by the City)</i>
Contract renewal information:	

Within ninety (90) days after the bid opening, a Contract will be awarded by the City to the lowest responsible bidder, subject to the right of the City to reject all bids or waive informalities or minor irregularities, as it may deem proper. The time for awarding a Contract may be extended in the sole discretion of the City, if required to evaluate bids or for such other purposes as the City may determine, unless the Bidder objects to such extension in writing with their bid. The City may accept this bid offer by issuance of a Notification of Intent to Award and approval by the Sacramento City Council any time on or before the ninetieth (90th) day following the date of the bid opening. This offer shall be irrevocable for 90 days after the bid opening or 90 days after the City Council awards the bid, whichever comes last, however, this period may be extended by mutual agreement of both parties.

31.) Bid Opening

- Bidders are invited to be present at the opening of the bids.
- Bids will be opened, in public, in the Historic City Council Chambers on the 2nd floor of Historic City Hall, 915 I Street, Sacramento, California.
- Bids will be opened as soon as practicable immediately following the bid submittal deadline.
- Bids may be inspected in the Office of the City Clerk, Sacramento City Hall 5th Floor, 915 I Street, Sacramento, California.

II.) Terms and Conditions

1.) CONTRACT: By submitting a bid, the bidder agrees to fully perform each and every provision of the bid. The Contract shall be awarded upon approval by the City of Sacramento ("City") Council. The Contract shall include all sections of this Invitation For Bid as well as any Addenda, Amendments, published Q&A or other requirements applicable to performance of the work and/or furnishing the materials specified herein. Such documents are referred to herein as the Contract Documents, are fully incorporated herein by this reference, and are collectively referred to as the Contract.

2.) DELIVERY: All shipments are F.O.B. destination with freight prepaid unless otherwise stated in the IFB. Contractor assumes full responsibility for all transportation, transportation scheduling, packing, handling, insurance, and other services associated with delivery of all products and/or services deemed necessary under this Contract. The City reserves the right to request and receive a copy of the freight bill of lading on all purchases shipped F.O.B. prepaid and added.

3.) TIME FOR DELIVERY: Time is of the essence in the delivery of services and/or items procured through this Contract. Contractor shall notify the City department if unable to make delivery on or before the Due Date. Periods of performance may be extended if, in the sole opinion of the City, the cause of delay justifies an extension.

4.) MISCELLANEOUS CHARGES: No additional charges shall be allowed unless specified in this Contract, including but not limited to: charges for transportation, fuel surcharges, containers, and packing.

5.) HOLD HARMLESS: The Contractor shall defend, indemnify, and hold the City of Sacramento, its officers, agents, and employees, harmless from and against any and all claims, actions, costs, proceedings, damages, and other liabilities, including attorney fees, caused by defect(s) in the item(s) purchased hereunder, or resulting from the Contractor's or the City's use of any copyrighted, or non-copyrighted composition, process, patented or non-patented invention, articles or appliances furnished or used under this order, and agrees to defend, at Contractor's expense, any and all actions brought against the City of Sacramento or themselves because of unauthorized use of such articles.

6.) EXCISE TAX: The City of Sacramento, as a government agency, is exempt from the payment of Federal Excise Tax. An exemption certificate will be issued upon request. If federal excise tax is applicable to the transaction, it must be so stated and excluded from the price.

7.) SALES AND USE TAX: The City is not exempt from paying sales tax. Sales tax must be shown on the invoice as a separate line item. On out-of-state purchases, the Contractor shall list their Use Tax Permit Number issued by the California State Board of Equalization which authorizes the Contractor to charge and collect California Sales Tax. The Purchase Order ("PO") will include sales tax, if applicable to the purchase, regardless of whether an out-of-state collects California State sales tax or not. The City shall pay Use Tax directly to the Board of Equalization if the out-of-state Contractor is not required to collect California Sales Tax.

8.) BUSINESS OPERATIONS TAX CERTIFICATE (BOTC): The Sacramento City Code requires any person or firm conducting business within or with the City of Sacramento to pay a Business Operations Tax and have a current Business Operations Tax Certificate issued by the City Revenue division.

9.) LICENSES AND PERMITS: The Contractor represents and warrants that the Contractor has all licenses, permits, qualifications, and approvals of whatsoever nature that are legally required for the Contractor to furnish supplies and/or services under the Contract. Without limiting the generality of the foregoing, if the Contractor is an out-of-state corporation, the Contractor represents and warrants that it possesses a valid certificate to transact business in the State of California issued by the California Secretary of State pursuant to Section 2105 of the California Corporations Code.

10.) GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION AND LABELING CHEMICALS: It is mandatory for a manufacturer, supplier, or distributor, to supply a SDS (Safety Data Sheet) with the first shipment of hazardous material to each City location receiving the material. Also, when the content of a SDS is revised, the Contractor is required to provide a revised SDS to each City location receiving the material.

11.) CONTRACTOR COUNTEROFFERS AND DIFFERENT TERMS AND CONDITIONS: The City's subsequent performance shall not be construed as either acceptance of additional and/or different Terms

and Conditions or a counteroffer by the Contractor, nor shall the City's subsequent performance be viewed as acceptance of any provision of the Uniform Commercial Code, as adopted by any State, that is contrary to the Terms and Conditions contained herein. All materials and/or services supplied by the Contractor shall conform to the applicable requirements of the Sacramento City Charter, Sacramento City Code, and all applicable State and Federal laws, as well as conforming to the requirements contained herein. The California Commercial Code shall apply except as otherwise provided in the Contract.

12.) INSPECTION AND ACCEPTANCE: Inspection and acceptance will be at the destination (the "Ship To:" address), unless otherwise stated. Risk of loss will be on the Contractor until the delivery and acceptance, and after any rejections, unless the loss results solely from the negligence of the City. Notwithstanding the requirements for any City inspection and test contained in specifications applicable to this Contract, except where specialized inspections or tests are specified for performance solely by the City, the Contractor shall perform or have performed the inspections or tests required to substantiate that the supplies and services provided under the Contract conform to the drawings, specifications, and other Contract requirements, including, if applicable, the technical requirements for the manufacturer's part number(s) specified herein. The cost of storing rejected material and the cost for shipping rejected material back to the origin point shall be borne by the Contractor.

13.) VARIATIONS IN QUANTITY: No variation in the quantity of any item called for by this Contract will be accepted unless such variation has been caused by conditions of loading, packing, shipping, or allowances in manufacturing processes, and then only to the extent, if any, specified elsewhere in this Contract.

14.) DEFAULT BY CONTRACTOR: In case of default by the Contractor, the City of Sacramento reserves the right to procure the articles or services from other sources and may deduct from any monies due, or that may thereafter become due to the Contractor, the difference between the price named in this Contract and actual cost thereof to the City of Sacramento. Prices paid by the City shall be considered the prevailing market price at the time such purchase is made.

15.) PAYMENT TERMS: Payment terms are Net 30 days unless otherwise indicated and accepted by the City. All cash discounts shall be taken and computed from the date of delivery or completion and acceptance of the material, or from the date of receipt of the invoice, whichever is latest.

16.) INVOICING: Invoice shall be submitted to the "Bill To:" address specified in the PO. The invoice shall contain the following information: PO number, description of supplies or services, item numbers, sizes, quantities, unit prices, and extended totals. Bill of lading number and weight of the shipment will be shown for shipments on Government Bills of Lading. Unless otherwise specified, payment will be made on partial deliveries accepted by the City when the City determines, in its sole discretion, that the amount due on such partial deliveries so warrants. Requests for payment status should be addressed to the City department as indicated in the "Bill To:" address.

17.) COMMERCIAL WARRANTY: The Contractor agrees that the supplies and/or services furnished under this Contract shall be covered by the most favorable commercial warranties the Contractor gives to any customer for such supplies and/or services and that the rights and remedies provided herein are in addition to and do not limit any rights afforded to the City at law or equity or by any other clause of this Contract.

18.) SEVERABILITY: If any portion of this Contract or the application thereof to any person or circumstance shall be held invalid or unenforceable, the remainder of the Contract shall not be affected thereby and shall be enforced to the greatest extent permitted by the law.

19.) ASSIGNMENT OF CLAIMS: Claims for monies due or to become due under this Contract shall be assigned only with prior written consent of the City Manager or his/her designated representative.

20.) GOVERNING LAW: This Contract shall be governed, construed and enforced in accordance with the laws of the State of California. Venue of any litigation arising out of or connected with this Contract shall lie exclusively in the state trial court or Federal District Court located in Sacramento County in the State of California, and the parties consent to jurisdiction over the persons and over the subject matter of any such litigation in such courts, and consent to service of process issued by such courts.

III.) General Contract Conditions

1. **Independent Contractor.**
 - A. It is understood and agreed that CONTRACTOR (including CONTRACTOR's employees) is an independent contractor and that no relationship of employer-employee exists between the parties hereto for any purpose whatsoever. Neither CONTRACTOR nor CONTRACTOR's assigned personnel shall be entitled to any benefits payable to employees of CITY. CITY is not required to make any deductions or withholdings from the compensation payable to CONTRACTOR under the provisions of this Agreement, and CONTRACTOR shall be issued a Form 1099 for its services hereunder. As an independent contractor, CONTRACTOR hereby agrees to indemnify and hold CITY harmless from any and all claims that may be made against CITY based upon any contention by any of CONTRACTOR's employees or by any third party, including but not limited to any state or federal agency, that an employer-employee relationship or a substitute therefor exists for any purpose whatsoever by reason of this Agreement or by reason of the nature and/or performance of any Services under this Agreement. (As used in this Exhibit D, the term "Services" shall include both Services and Additional Services as such terms are defined elsewhere in this Agreement.)
 - B. It is further understood and agreed by the parties hereto that CONTRACTOR, in the performance of its obligations herein, is subject to the control and direction of CITY as to the designation of tasks to be performed and the results to be accomplished under this Agreement, but not as to the means, methods, or sequence used by CONTRACTOR for accomplishing such results. To the extent that CONTRACTOR obtains permission to, and does, use CITY facilities, space, equipment or support services in the performance of this Agreement, this use shall be at the CONTRACTOR's sole discretion based on the CONTRACTOR's determination that such use will promote CONTRACTOR's efficiency and effectiveness. Except as may be specifically provided elsewhere in this Agreement, the CITY does not require that CONTRACTOR use CITY facilities, equipment or support services or work in CITY locations in the performance of this Agreement.
 - C. If, in the performance of this Agreement, any third persons are employed by CONTRACTOR, such persons shall be entirely and exclusively under the direction, supervision, and control of CONTRACTOR. Except as may be specifically provided elsewhere in this Agreement, all terms of employment, including hours, wages, working conditions, discipline, hiring, and discharging, or any other terms of employment or requirements of law, shall be determined by CONTRACTOR. It is further understood and agreed that CONTRACTOR shall issue W-2 or 1099 Forms for income and employment tax purposes, for all of CONTRACTOR's assigned personnel and subcontractors.
 - D. The provisions of this Section 1 shall survive any expiration or termination of this Agreement. Nothing in this Agreement shall be construed to create an exclusive relationship between CITY and CONTRACTOR. CONTRACTOR may represent, perform services for, or be employed by such additional persons or companies as CONTRACTOR sees fit provided that CONTRACTOR does not violate the provisions of Section 5, below.
2. **Licenses; Permits, Etc.** CONTRACTOR represents and warrants that CONTRACTOR has all licenses, permits, City Business Operations Tax Certificate, qualifications, and approvals of whatsoever nature that are legally required for CONTRACTOR to practice its profession or provide any services under the Agreement. CONTRACTOR represents and warrants that CONTRACTOR shall, at its sole cost and expense, keep in effect or obtain at all times during the term of this Agreement any licenses, permits, and approvals that are legally required for CONTRACTOR to practice its profession or provide such Services. Without limiting the generality of the foregoing, if CONTRACTOR is an out-of-state corporation, CONTRACTOR warrants and represents that it possesses a valid certificate of qualification to transact business in the State of California issued by the California Secretary of State pursuant to Section 2105 of the California Corporations Code.
3. **Time.** CONTRACTOR shall devote such time and effort to the performance of Services pursuant to this Agreement as is necessary for the satisfactory and timely performance of CONTRACTOR's obligations under this Agreement. Neither party shall be considered in default of this Agreement, to the extent that party's performance is prevented or delayed by any cause, present or future, that is beyond the reasonable control of that party.
4. **CONTRACTOR Not Agent.** Except as CITY may specify in writing, CONTRACTOR and CONTRACTOR's personnel shall have no authority, express or implied, to act on behalf of CITY in any capacity whatsoever as an agent. CONTRACTOR and CONTRACTOR's personnel shall have no authority, express or implied, to bind CITY to any obligations whatsoever.
5. **Conflicts of Interest.** CONTRACTOR covenants that neither it, nor any officer or principal of its firm, has or shall acquire any interest, directly or indirectly, that would conflict in any manner with the interests of CITY or that would in any way hinder CONTRACTOR's performance of Services under this Agreement. CONTRACTOR further covenants that in the performance of this Agreement, no person having any such interest shall be employed by it as an officer, employee, agent or subcontractor, without the written consent of CITY. CONTRACTOR agrees to avoid conflicts of interest or the appearance of any conflicts of interest with the interests of CITY at all times during the performance of this Agreement. If CONTRACTOR is or employs a former officer or employee of the CITY, CONTRACTOR and any such employee(s) shall comply with the provisions of Sacramento City Code Section 2.16.090 pertaining to appearances before the City Council or any CITY department, board,

III.) General Contract Conditions

commission or committee.

6. **Confidentiality of CITY Information.** During performance of this Agreement, CONTRACTOR may gain access to and use CITY information regarding inventions, machinery, products, prices, apparatus, costs, discounts, future plans, business affairs, governmental affairs, processes, trade secrets, technical matters, systems, facilities, customer lists, product design, copyright, data, and other vital information (hereafter collectively referred to as "City Information") that are valuable, special and unique assets of the CITY. CONTRACTOR agrees to protect all City Information and treat it as strictly confidential, and further agrees that CONTRACTOR shall not at any time, either directly or indirectly, divulge, disclose or communicate in any manner any City Information to any third party without the prior written consent of CITY. In addition, CONTRACTOR shall comply with all CITY policies governing the use of the CITY network and technology systems, as set forth in applicable provisions of the City of Sacramento Administrative Policy Instructions # 30. A violation by CONTRACTOR of this section shall be a material violation of this Agreement and shall justify legal and/or equitable relief.
7. **CONTRACTOR Information.**
 - A. CITY shall have full ownership and control, including ownership of any copyrights, of all information prepared, produced, or provided by CONTRACTOR pursuant to this Agreement. In this Agreement, the term "information" shall be construed to mean and include: any and all work product, submittals, reports, plans, specifications, and other deliverables consisting of documents, writings, handwritings, typewriting, printing, photostating, photographing, computer models, and any other computerized data and every other means of recording any form of information, communications, or representation, including letters, works, pictures, drawings, sounds, or symbols, or any combination thereof. CONTRACTOR shall not be responsible for any unauthorized modification or use of such information for other than its intended purpose by CITY.
 - B. CONTRACTOR shall fully defend, indemnify and hold harmless CITY, its officers and employees, and each and every one of them, from and against any and all claims, actions, lawsuits or other proceedings alleging that all or any part of the information prepared, produced, or provided by CONTRACTOR pursuant to this Agreement infringes upon any third party's trademark, trade name, copyright, patent or other intellectual property rights. CITY shall make reasonable efforts to notify CONTRACTOR not later than ten (10) days after CITY is served with any such claim, action, lawsuit or other proceeding, provided that CITY's failure to provide such notice within such time period shall not relieve CONTRACTOR of its obligations hereunder, which shall survive any termination or expiration of this Agreement.
 - C. All proprietary and other information received from CONTRACTOR by CITY, whether received in connection with CONTRACTOR's proposal to CITY or in connection with any Services performed by CONTRACTOR, will be disclosed upon receipt of a request for disclosure, pursuant to the California Public Records Act; provided, however, that, if any information is set apart and clearly marked "trade secret" when it is provided to CITY, CITY shall give notice to CONTRACTOR of any request for the disclosure of such information. The CONTRACTOR shall then have five (5) days from the date it receives such notice to enter into an agreement with the CITY, satisfactory to the City Attorney, providing for the defense of, and complete indemnification and reimbursement for all costs (including plaintiff's attorney fees) incurred by CITY in any legal action to compel the disclosure of such information under the California Public Records Act. The CONTRACTOR shall have sole responsibility for defense of the actual "trade secret" designation of such information.
 - D. The parties understand and agree that any failure by CONTRACTOR to respond to the notice provided by CITY and/or to enter into an agreement with CITY, in accordance with the provisions of subsection C, above, shall constitute a complete waiver by CONTRACTOR of any rights regarding the information designated "trade secret" by CONTRACTOR, and such information shall be disclosed by CITY pursuant to applicable procedures required by the Public Records Act.
8. **Standard of Performance.** CONTRACTOR shall perform all Services required pursuant to this Agreement in the manner and according to the standards currently observed by a competent practitioner of CONTRACTOR's profession in California. All products of whatsoever nature that CONTRACTOR delivers to CITY pursuant to this Agreement shall be prepared in a professional manner and conform to the standards of quality normally observed by a person currently practicing in CONTRACTOR's profession, and shall be provided in accordance with any schedule of performance specified in Exhibit A. CONTRACTOR shall assign only competent personnel to perform Services pursuant to this Agreement. CONTRACTOR shall notify CITY in writing of any changes in CONTRACTOR's staff assigned to perform the Services required under this Agreement, prior to any such performance. In the event that CITY, at any time during the term of this Agreement, desires the removal of any person assigned by CONTRACTOR to perform Services pursuant to this Agreement, because CITY, in its sole discretion, determines that such person is not performing in accordance with the standards required herein, CONTRACTOR shall remove such person immediately upon receiving notice from CITY of the desire of CITY for the removal of such person.
9. **Term; Suspension; Termination.**
 - A. This Agreement shall become effective on the date that it is approved by both parties and shall continue in effect until

III.) General Contract Conditions

both parties have fully performed their respective obligations under this Agreement, unless sooner terminated as provided herein.

- B. CITY shall have the right at any time to temporarily suspend CONTRACTOR's performance hereunder, in whole or in part, by giving a written notice of suspension to CONTRACTOR. If CITY gives such notice of suspension, CONTRACTOR shall immediately suspend its activities under this Agreement, as specified in such notice.
- C. CITY shall have the right to terminate this Agreement at any time by giving a written notice of termination to CONTRACTOR. If CITY gives such notice of termination, CONTRACTOR shall immediately cease rendering Services pursuant to this Agreement. If CITY terminates this Agreement:
 - (1) CONTRACTOR shall, not later than five days after such notice of termination, deliver to CITY copies of all information prepared pursuant to this Agreement.
 - (2) CITY shall pay CONTRACTOR the reasonable value of Services rendered by CONTRACTOR prior to termination; provided, however, CITY shall not in any manner be liable for lost profits that might have been made by CONTRACTOR had the Agreement not been terminated or had CONTRACTOR completed the Services required by this Agreement. In this regard, CONTRACTOR shall furnish to CITY such financial information as in the judgment of the CITY is necessary for CITY to determine the reasonable value of the Services rendered by CONTRACTOR. The foregoing is cumulative and does not affect any right or remedy that CITY may have in law or equity.

10. Indemnity.

- A. Indemnity: CONTRACTOR shall defend, hold harmless and indemnify CITY, its officers and employees, and each and every one of them, from and against any and all actions, damages, costs, liabilities, claims, demands, losses, judgments, penalties, costs and expenses of every type and description, including, but not limited to, any fees and/or costs reasonably incurred by CITY's staff attorneys or outside attorneys and any fees and expenses incurred in enforcing this provision (hereafter collectively referred to as "Liabilities"), including but not limited to Liabilities arising from personal injury or death, damage to personal, real or intellectual property or the environment, contractual or other economic damages, or regulatory penalties, arising out of or in any way connected with performance of or failure to perform this Agreement by CONTRACTOR, any subcontractor or agent, anyone directly or indirectly employed by any of them or anyone for whose acts any of them may be liable, whether or not (i) such Liabilities are caused in part by a party indemnified hereunder or (ii) such Liabilities are litigated, settled or reduced to judgment; provided that the foregoing indemnity does not apply to liability for any damage or expense for death or bodily injury to persons or damage to property to the extent arising from the sole negligence or willful misconduct of CITY, its agents, servants, or independent contractors who are directly responsible to CITY, except when such agents, servants, or independent contractors are under the direct supervision and control of CONTRACTOR.
- B. Insurance Policies; Intellectual Property Claims: The existence or acceptance by CITY of any of the insurance policies or coverages described in this Agreement shall not affect or limit any of CITY's rights under this Section 10, nor shall the limits of such insurance limit the liability of CONTRACTOR hereunder. This Section 10 shall not apply to any intellectual property claims, actions, lawsuits or other proceedings subject to the provisions of Section 7.B., above. The provisions of this Section 10 shall survive any expiration or termination of this Agreement.

11. Funding Availability.

- A. The Contract is subject to the budget and fiscal provisions of the Charter and City Code of the City of Sacramento.
- B. The City's payment obligation under the Contract shall not at any time exceed the amount of funds appropriated and approved for such purpose by the Sacramento City Council.
- C. The Contract shall terminate without penalty at the end of the City's fiscal year in the event funds to make payment under the Contract are not appropriated and approved for such purpose by the City Council for the succeeding fiscal year. If such funds are appropriated for only a portion of the fiscal year this Contract shall terminate, without penalty, at the end of the term for which funds have been appropriated. In the event of such termination, the Contractor shall not be entitled to recover any costs incurred after termination.
- D. Notwithstanding any provision of the Contract Documents to the contrary, this section shall govern over any other provision of the Contract.

12. Equal Employment Opportunity. During the performance of this Agreement, CONTRACTOR, for itself, its assignees and successors in interest, agrees as follows:

- A. Compliance With Regulations: CONTRACTOR shall comply with the Executive Order 11246 entitled "Equal

III.) General Contract Conditions

Opportunity in Federal Employment", as amended by Executive Order 11375, 12086, and 13672, and as supplemented in Department of Labor regulations (41 CFR Chapter 60), hereinafter collectively referred to as the "Regulations".

- B. **Nondiscrimination:** CONTRACTOR, with regards to the work performed by it after award and prior to completion of the work pursuant to this Agreement, shall not discriminate on the ground of race, color, religion, sex, national origin, age, marital status, physical handicap or sexual orientation in selection and retention of subcontractors, including procurement of materials and leases of equipment. CONTRACTOR shall not participate either directly or indirectly in discrimination prohibited by the Regulations.
 - C. **Solicitations for Subcontractors, Including Procurement of Materials and Equipment:** In all solicitations either by competitive bidding or negotiations made by CONTRACTOR for work to be performed under any subcontract, including all procurement of materials or equipment, each potential subcontractor or supplier shall be notified by CONTRACTOR of CONTRACTOR's obligation under this Agreement and the Regulations relative to nondiscrimination on the ground of race, color, religion, sex, national origin, age, marital status, physical handicap or sexual orientation.
 - D. **Information and Reports:** CONTRACTOR shall provide all information and reports required by the Regulations, or by any orders or instructions issued pursuant thereto, and shall permit access to its books, records, accounts, other sources of information and its facilities as may be determined by the CITY to be pertinent to ascertain compliance with such Regulations, orders and instructions. Where any information required of CONTRACTOR is in the exclusive possession of another who fails or refuses to furnish this information, CONTRACTOR shall so certify to the CITY, and shall set forth what efforts it has made to obtain the information.
 - E. **Sanctions for Noncompliance:** In the event of noncompliance by CONTRACTOR with the nondiscrimination provisions of this Agreement, the CITY shall impose such sanctions as it may determine to be appropriate including, but not limited to:
 - (1) Withholding of payments to CONTRACTOR under this Agreement until CONTRACTOR complies;
 - (2) Cancellation, termination, or suspension of the Agreement, in whole or in part.
 - F. **Incorporation of Provisions:** CONTRACTOR shall include the provisions of subsections A through E, above, in every subcontract, including procurement of materials and leases of equipment, unless exempted by the Regulations, or by any order or instructions issued pursuant thereto. CONTRACTOR shall take such action with respect to any subcontract or procurement as the CITY may direct as a means of enforcing such provisions including sanctions for noncompliance; provided, however, that in the event CONTRACTOR becomes involved in, or is threatened with, litigation with a subcontractor or supplier as a result of such direction, CONTRACTOR may request CITY to enter such litigation to protect the interests of CITY.
13. **Severability.** If any portion of this Agreement or the application thereof to any person or circumstance shall be held invalid or unenforceable, the remainder of this Agreement shall not be affected thereby and shall be enforced to the greatest extent permitted by law.
14. **Waiver.** Neither CITY acceptance of, or payment for, any Service or Additional Service performed by CONTRACTOR, nor any waiver by either party of any default, breach or condition precedent, shall be construed as a waiver of any provision of this Agreement, nor as a waiver of any other default, breach or condition precedent or any other right hereunder.
15. **Enforcement of Agreement.** This Agreement shall be governed, construed and enforced in accordance with the laws of the State of California. Venue of any litigation arising out of or connected with this Agreement shall lie exclusively in the state trial court or Federal District Court located in Sacramento County in the State of California, and the parties consent to jurisdiction over their persons and over the subject matter of any such litigation in such courts, and consent to service of process issued by such courts.
16. **Assignment Prohibited.** The expertise and experience of CONTRACTOR are material considerations for this Agreement. CITY has a strong interest in the qualifications and capability of the persons and entities who will fulfill the obligations imposed on CONTRACTOR under this Agreement. In recognition of this interest, CONTRACTOR shall not assign any right or obligation pursuant to this Agreement without the written consent of the CITY. Any attempted or purported assignment without CITY's written consent shall be void and of no effect.
17. **Binding Effect.** This Agreement shall be binding on the heirs, executors, administrators, successors and assigns of the parties, subject to the provisions of Section 11, above.
18. **Compliance with Laws.** The Contractor shall be responsible for strict compliance with all applicable laws, regulations, court orders and other legal requirements applicable to the work to be accomplished pursuant to the Contract, including without

III.) General Contract Conditions

limitation the California Occupational Safety and Health Act and all applicable safety orders issued by the Division of Occupational Safety and Health, Department of Industrial Relations, State of California, and all applicable requirements of Underwriters Laboratories and the Federal Communication Commission.

19. **Entire Agreement.** The Contract Documents contain the entire agreement between the parties and supersedes whatever oral or written understanding they may have had prior to the execution of this Contract. No alteration to the terms of this Contract shall be valid unless approved in writing by Contractor, and by City, in accordance with applicable provisions of the Sacramento City Code. In the event of any conflict among the provisions of different Contract Documents, the conflict shall be resolved by giving precedence to the Contract Documents in the following order:
- A. Post-Award Amendments.
 - B. Pricing Schedule(s), as corrected by City, if applicable.
 - C. Pre-Award Addenda
 - D. Q&A responses, if applicable
 - E. Special Provisions.
 - F. Bid Instructions and Requirements
 - G. General Conditions
 - H. Technical Specifications and/or Plans

IV.) Local Ordinances and Programs

The City Council may by resolution, from time to time, adopt programs or procedures for providing bid price preferences, including, but not limited to, preferences to promote the participation and utilization of local business enterprises, energy conservation and sustainability in the City's Contracting for supplies and nonprofessional services. The lowest responsible shall be the responsible bidder whose bid price is the lowest after all bid price are calculated to include any such preferences. The calculation of such preferences shall be in addition to any deduction of sales or use tax required in subsection 3, below.

1.) EQUAL BENEFITS ORDINANCE ("EBO") REQUIREMENTS

INTRODUCTION

The Sacramento Non-Discrimination In Employee Benefits Code (the "Ordinance"), codified as Sacramento City Code Chapter 3.54, prohibits City Contractors from discriminating in the provision of employee benefits between employees with spouses and employees with domestic partners, and between the spouses and domestic partners of employees.

APPLICATION

The provisions of the Ordinance apply to any Contract or Agreement (as defined below), between a Contractor and the City of Sacramento, in an amount exceeding \$100,000.00. The Ordinance applies to that portion of a Contractor's operations that occur: (i) within the City of Sacramento; (ii) on real property outside the City of Sacramento if the property is owned by the City or if the City has a right to occupy the property; or (iii) at any location where a significant amount of work related to a City Contract is being performed.

The Ordinance does not apply: to subContractors or subContracts of any Contractor or Contractors; to transactions entered into pursuant to cooperative purchasing agreements approved by the Sacramento City Council; to legal Contracts of other governmental jurisdictions or public agencies without separate competitive bidding by the City; where the requirements of the ordinance will violate or are inconsistent with the terms or conditions of a grant, subvention or agreement with a public agency or the instructions of an authorized representative of any such agency with respect to any such grant, subvention or agreement; to permits for excavation or street construction; or to agreements for the use of City right-of-way where a Contracting utility has the power of eminent domain.

DEFINITIONS

As set forth in the Ordinance, the following definitions apply:

"Contract" means an agreement for public works or improvements to be performed, or for goods or services to be purchased or grants to be provided, at the expense of the City or to be paid out of moneys deposited in the treasury or out of the trust money under the control or collected by the City. "Contract" also means a written agreement for the exclusive use ("exclusive use" means the right to use or occupy real property to the exclusion of others, other than the right reserved by the fee owner) or occupancy of real property for a term exceeding 29 days in any calendar year, whether by singular or cumulative instrument, (i) for the operation or use by others of real property owned or controlled by the City for the operation of a business, social, or other establishment or organization, including leases, concessions, franchises and easements, or (ii) for the City's use or occupancy of real property owned by others, including leases, concessions, franchises and easements.

"Contract" shall not include: a revocable at-will use or encroachment permit for the use of or encroachment on City property regardless of the ultimate duration of such permit; excavation, street construction or street use permits; agreements for the use of City right-of-way where a Contracting utility has the power of eminent domain; or agreements governing the use of City property that constitute a public forum for activities that are primarily for the purpose of

IV.) Local Ordinances and Programs

espousing or advocating causes or ideas and that are generally protected by the First Amendment to the United States Constitution or that are primarily recreational in nature.

“Contractor” means any person or persons, firm partnership or corporation, company, or combination thereof, that enters into a Contract with the City. “Contractor” does not include a public entity.

“Domestic Partner” means any person who has a currently registered domestic partnership with a governmental entity pursuant to state or local law authorizing the registration.

“Employee Benefits” means bereavement leave; disability, life, and other types of insurance; family medical leave; health benefits; membership or membership discounts; moving expenses; pension and retirement benefits; vacation; travel benefits; and any other benefit given to employees. “Employee benefits” shall not include benefits to the extent that the application of the requirements of this chapter to such benefits may be preempted by federal or state law.

CONTRACTOR’S OBLIGATION TO PROVIDE THE CITY WITH DOCUMENTATION AND INFORMATION

Contractor shall provide the City with documentation and information verifying its compliance with the requirements of the Ordinance within ten (10) days of receipt of a request from the City. Contractors shall keep accurate payroll records, showing, for each City Contract, the employee’s name, address, Social Security number, work classification, straight time pay rate, overtime pay rate, overtime hours worked, status and exemptions, and benefits for each day and pay period that the employee works on the City Contract. Each request for payroll records shall be accompanied by an affidavit to be completed and returned by the Contractor, as stated, attesting that the information contained in the payroll records is true and correct, and that the Contractor has complied with the requirements of the Ordinance. A violation of the Ordinance or noncompliance with the requirements of the Ordinance shall constitute a breach of Contract.

EMPLOYER COMPLIANCE CERTIFICATE AND NOTICE REQUIREMENTS

(a) All Contractors seeking a Contract subject to the Ordinance shall submit a completed Declaration of Compliance Form, signed by an authorized representative, with each proposal, bid or application. The Declaration of Compliance shall be made a part of the executed Contract, and will be made available for public inspection and copying during regular business hours.

(b) The Contractor shall give each existing employee working on a City Contract, and (at the time of hire), each new employee, a copy of the notification provided as Attachment “A.”

(c) Contractor shall post, in a place visible to all employees, a copy of the notice provided as Attachment “B.”

IV.) Local Ordinances and Programs

ATTACHMENT A



YOUR RIGHTS UNDER THE CITY OF SACRAMENTO'S NON-DISCRIMINATION IN EMPLOYEE BENEFITS CODE

On (date), your employer (the "Employer") entered into a Contract with the City of Sacramento (the "City") for (Contract details), and as a condition of that Contract, agreed to abide by the requirements of the City's Non-Discrimination In Employee Benefits Code (Sacramento City Code Section 3.54).

The Ordinance does not require the Employer to provide employee benefits. The Ordinance does require that if certain employee benefits are provided by the Employer, that those benefits be provided without discrimination between employees with spouses and employees with domestic partners, and without discrimination between the spouse or domestic partner of employees.

The Ordinance covers any employee working on the specific Contract referenced above, but only for the period of time while those employees are actually working on this specific Contract.

The included employee benefits are:

- Bereavement leave
- Disability, life and other types of insurance
- Family medical leave
- Health benefits
- Membership or membership discounts
- Moving expenses
- Pension and retirement benefits
- Vacation
- Travel benefits
- Any other benefits given to employees

(Employee Benefits does not include benefits that may be preempted by federal or state law.)

If you feel you have been discriminated or retaliated against by your employer in the terms and conditions of your application for employment, or in your employment, or in the application of these employee benefits, because of your status as an applicant or as an employee protected by the Ordinance, or because you reported a violation of the Ordinance, and after having exhausted all remedies with your employer,

You May . . .

- Submit a written complaint to the City of Sacramento, Procurement Services Division, containing the details of the alleged violation. The address is:

City of Sacramento
Procurement Services Division
915 I Street, Second Floor
Sacramento, CA 95814
- Bring an action in the appropriate division of the Superior Court of the State of California against the Employer and obtain the following remedies:
 - Reinstatement, injunctive relief, compensatory damages and punitive damages
 - Reasonable attorney's fees and costs

IV.) Local Ordinances and Programs

ATTACHMENT B



YOUR RIGHTS UNDER THE CITY OF SACRAMENTO'S NON-DISCRIMINATION IN EMPLOYEE BENEFITS BY CITY CONTRACTORS ORDINANCE

If your employer provides employee benefits, they must be provided to those employees working on a City of Sacramento Contract without discriminating between employees with spouses and employees with domestic partners.

The included employee benefits are:

- Bereavement leave
- Disability, life and other types of insurance
- Family medical leave
- Health benefits
- Membership or membership discounts
- Moving expenses
- Pension and retirement benefits
- Vacation
- Travel benefits
- Any other benefits given to employees

If you feel you have been discriminated against by your employer . . .

You May . . .

- Submit a written complaint to the City of Sacramento, Procurement Services Division, containing the details of the alleged violation. The address is:

City of Sacramento
Procurement Services Division
915 I Street, Second Floor
Sacramento, CA 95814

- Bring an action in the appropriate division of the Superior Court of the State of California against the employer and obtain reinstatement, injunctive relief, compensatory damages, punitive damages and reasonable attorney's fees and costs.

Discrimination and Retaliation Prohibited.

If you feel you have been discriminated or retaliated against by your employer in the terms and conditions of your application for employment, or in your employment, because of your status as an applicant or as an employee protected by the Ordinance, or because you reported a violation of this Ordinance . . .

You May Also . . .

Submit a written complaint to the City of Sacramento, Procurement Services Division, at the same address, containing the details of the alleged violation.

IV.) Local Ordinances and Programs

2.) LOCAL BUSINESS SALES/USE TAX DEDUCTION

The Sacramento City Code requires the City to identify those bids that are subject to the City's local sales or use tax under the provisions of Part 1.5 of Division 2 of the California Revenue and Taxation Code and Chapter 3.24 of the Sacramento City Code. The lowest responsible bidder shall be determined after the amount of local sales or use tax that would be received by the City is deducted from such bids. The current rate at which such local sales or use tax is received by the City is one percent (1%). **Therefore, in evaluating bids to determine the lowest responsible bidder, bids that are subject to this tax at the time of bid opening shall have an amount equal to one percent (1%) of the taxable total deducted from the bids.** This deduction shall be in addition to the application of any bid price preferences or other deductions authorized by the City Code. Such deductions shall be made for bid evaluation purposes only. Contract awards shall be made at the actual bid amount.

3.) SUSTAINABLE PURCHASING POLICY ("SPP")

The City has adopted a "Sustainable Procurement Policy" (SPP) and program. The goal is to encourage the procurement of products and services that help minimize environmental impact resulting from use and disposal of these products. Contractors are encouraged to offer Energy Star, Green Seal, UL EcoLogo, or products that meet FEMP (Federal Energy Management Program) standards for energy consumption. City also encourages Contractors to offer products that are produced with recycled materials, where appropriate, unless otherwise requested in this IFB. Contractors will offer products that have minimal virgin materials and maximum use of recycled products. Contractor must work with the City to attain these goals.

Notwithstanding the above, the Contractor agrees to supply the City of Sacramento with environmentally preferable and effective products in compliance with the specifications in this solicitation and provide services that help minimize environmental impact resulting from use and disposal of products specified in this bid.

The Contractor further agrees that its products specified in this bid do not contain any items, ingredients or components prohibited under the City's SPP Policy.

Council Resolution No. 2000-551 authorizes the use of incremental bid evaluation preferences up to a total not to exceed five percent (5%) of the total bid amount when evaluating the cost of products or services that represent the efforts to recycle and re-use sustainable and environmentally preferred products described in this policy. However, such bid preferences shall not exceed a total value of \$50,000.00 on any single bid procurement bid preference.

The City may terminate this Contract or take other appropriate actions if the Contractor fails to comply or provide adequate supporting documentation to substantiate compliance with the City's SP Policy and requirements specified in the bid.

The City's SPP Policy is available on line at:

<http://portal.cityofsacramento.org/Finance/Procurement/Sustainability-Options>

Or by contacting the Procurement Services Division at (916) 808-6240

V.) Insurance Requirements

During the entire term of this Contract, CONTRACTOR shall maintain the insurance coverage described in this section. ***The sole exception is for delivery of supplies via a common carrier.***

Full compensation for all premiums that CONTRACTOR is required to pay for the insurance coverage described herein shall be included in the compensation specified for the Services provided by CONTRACTOR under this Contract. No additional compensation will be provided for CONTRACTOR's insurance premiums. Any available insurance proceeds in excess of the specified minimum limits and coverages shall be available to the CITY.

It is understood and agreed by the CONTRACTOR that its liability to the CITY shall not in any way be limited to or affected by the amount of insurance coverage required or carried by the CONTRACTOR in connection with this Contract.

a.) **Minimum Scope & Limits of Insurance Coverage**

- (1) **Commercial General Liability Insurance**, providing coverage at least as broad as ISO CGL Form 00 01 on an occurrence basis for bodily injury, including death, of one or more persons, property damage, and personal injury, arising out of activities performed by or on behalf of the CONTRACTOR, its sub-consultants, and subContractors, products and completed operations of CONTRACTOR, its sub-consultants, and subContractors, and premises owned, leased, or used by CONTRACTOR, its sub-consultants, and subContractors, with limits of not less than one million dollars (\$1,000,000) per occurrence. The policy shall provide Contractual liability and products and completed operations coverage for the term of the policy.
- (2) **Automobile Liability Insurance** providing coverage at least as broad as ISO Form CA 00 01 for bodily injury, including death, of one or more persons, property damage and personal injury, with limits of not less than one million dollars (\$1,000,000) per occurrence. The policy shall provide coverage for owned, non-owned and/or hired autos as appropriate to the operations of the CONTRACTOR.
- (3) **Workers' Compensation Insurance** with statutory limits, and **Employers' Liability Insurance** with limits of not less than one million dollars (\$1,000,000). The Worker's Compensation policy shall include a waiver of subrogation in favor of the CITY. *If no work or services will be performed on or at CITY facilities or CITY Property, The CITY Representative may waive this requirement.*

b.) **Additional Insured Coverage**

- (1) **Commercial General Liability Insurance**: The CITY, its officials, employees and volunteers shall be covered by policy terms or endorsement as additional insureds as respects general liability arising out of: activities performed by or on behalf of CONTRACTOR, its sub-consultants, and subContractors; products and completed operations of CONTRACTOR, its sub-consultants, and subContractors; and premises owned, leased, or used by CONTRACTOR, its sub-consultants, and sub-Contractors.
- (2) **Automobile Liability Insurance**: The CITY, its officials, employees and volunteers shall be covered by policy terms or endorsement as additional insureds as respects auto liability.

V.) Insurance Requirements

c.) Other Insurance Provisions

The policies are to contain, or be endorsed to contain, the following provisions:

- (1) CONTRACTOR's insurance coverage, including excess insurance, shall be primary insurance as respects CITY, its officials, employees and volunteers. Any insurance or self-insurance maintained by CITY, its officials, employees or volunteers shall be in excess of CONTRACTOR's insurance and shall not contribute with it.
- (2) Any failure to comply with reporting provisions of the policies shall not affect coverage provided to CITY, its officials, employees or volunteers.
- (3) Coverage shall state that CONTRACTOR's insurance shall apply separately to each insured against whom claim is made or suit is brought, except with respect to the limits of the insurer's liability.
- (4) CITY will be provided with thirty (30) days written notice of cancellation or material change in the policy language or terms.

d.) Acceptability of Insurance

Insurance shall be placed with insurers with a Bests' rating of not less than A:VI. Self-insured retentions, policy terms or other variations that do not comply with the requirements of this Section IV Insurance Requirements must be declared to and approved by the CITY in writing prior to execution of this Contract.

e.) Verification of Coverage

- (1) CONTRACTOR shall furnish CITY with certificates and required endorsements evidencing the insurance required. The certificates and endorsements shall be forwarded to the CITY representative named in the bid instructions. Copies of policies shall be delivered to the CITY on demand. Certificates of insurance shall be signed by an authorized representative of the insurance carrier.
- (2) For all insurance policy renewals during the term of this Contract, CONTRACTOR shall send insurance certificates reflecting the policy renewals directly to:

City of Sacramento
c/o Ebix RCS
Reference #: (To be provided by Ebix after Contract approval)
PO Box 257
Portland, MI 48875-0257

Insurance certificates may also be faxed to (770) 325-3340,
or emailed to: CertsOnly-Portland@ebix.com

- (3) The CITY may withdraw its offer of Contract or cancel this Contract if the certificates of insurance and endorsements required have not been provided prior to execution of this Contract. The CITY may withhold payments to CONTRACTOR and/or cancel the Contract if the insurance is canceled or CONTRACTOR otherwise ceases to be insured as required herein.

f.) SubContractors

CONTRACTOR shall require and verify that all sub-consultants and subContractors maintain insurance coverage that meets the minimum scope and limits of insurance coverage specified in subsection a.), above.

VI.) Special Provisions

NONE

VII.) Technical Specifications

Council Chambers Audio Video Broadcast Equipment General Specifications:

- Substitutions shall not be allowed unless to address a part number upgrade from the listed material.
- All equipment must be new. No refurbished or non US distributed items accepted.
- Sony Camera and camera controlled equipment shall be of the same manufacture and interface using Broadcast Industry Standard HD SD-SDI type interfaces.
- Avenue HD Video switching equipment shall be capable of switching HDCP video signals.
- Avenue HD Video Switching equipment shall be configurable using manufacture supplied hardware
- Mackie Audio Mixing equipment shall be compatible with both balanced and unbalanced interfaces.
- Mackie Audio Mixer shall contain 32 Audio Channels, each with 3 independent equalizer adjustments per channel.
- AJA Ki Pro video recording hardware and software shall be compatible with AVenue Video switcher and audio embedder.
- Compix CG must be capable of:
 - Ready-to-use templates
 - HD-SD switchable
 - Compatible with GenCG
 - Embedded and AES audio
 - Unicode character support
 - GPI trigger
 - Unlimited font choices
 - Digital and analog clocks
 - 4:3/16:9 format conversion
 - Render to disk (NLE)
 - Virtual preview
 - Dual operations support
 - Live edit preview
 - Safe areas and grid display
 - Smart text import
- Sharp and NEC monitors shall include interfaces for HD SD-SDI
- All software, Granite, Apple, Avenue, AJA, Extron, Compix, shall be included.

VIII.) Items Requiring Bidder's Response

Incomplete information may render a bid "non-responsive" and be rejected.

1.) Business Operations Tax Certificate ("BOTC")

Chapter 3.08 of the Sacramento City Code requires that anyone conducting business in the City of Sacramento obtain a **Business Operations Tax Certificate** and pay the applicable tax if necessary. Successful bidders will be REQUIRED to show compliance with this requirement prior to award of the Contract.

To obtain information about the Business Operations Tax Certificate, contact the City of Sacramento, Revenue Division, 915 I Street, Room 1214, Sacramento, CA 95814, or telephone (916) 808-8500.

Proof of a valid BOTC must be submitted by the successful bidder within ten working days of the Notice of Intent to Award.

2.) Local Business Sales/Use Tax Deduction

In order to identify those bids that are subject to the City's local sales or use tax, all bidders shall respond to the following:

Does the bidder have fixed offices or locally taxable distribution points within the boundaries of the City of Sacramento?

NO

YES, 1% bid preference

If the answer is "Yes", please provide the street address of this Sacramento location:

_____.

3.) Local Business Enterprise (LBE) program preference / participation

This is NOT APPLICABLE since the anticipated amount of the bid/contract is to be \$100,000.00 or greater.

VIII.) Items Requiring Bidder's Response

4.) Prompt Payment Discount

Do you offer a prompt payment discount for purchases made by the City of Sacramento?

NO (Net 30 days) **YES**

If yes: The discount is _____ % -- *or*-- \$ _____ for payment within _____ calendar days computed from the date that the delivery is accepted by the City or the date that a correct invoice is received by the proper City department (the "Bill To:" address on the PO), whichever is later.

NOTE: Discounts for payments made in less than 20 calendar days will not be considered as part of the bid evaluation.

5.) Electronic Funds Transfer (EFT)

Do you have the ability to accept electronic payments (EFT)?

NO **YES**

If yes: The discount offered for EFT is _____ 0 _____ %.

NOTE: this information is for informational purposes only; there is no bid preference offered.

6.) Q&A information was reviewed and incorporated in the bid response

- N/A**, no Q&A was posted.
- YES**, the last Q&A set number reviewed was number 1.1.

7.) Addenda are acknowledged and incorporated in the bid response

- N/A**, no addenda were posted.
- YES**, the last addendum received was number _____.

VIII.) Items Requiring Bidder's Response

8.) Certificate of Insurance

Successful bidders are REQUIRED to submit the necessary Certificate(s) of Insurance as called for in the **Section IV.) Insurance Requirements** within ten working days after Notification of Intent to Award.

9.) Insurance Coverage Waivers

a.) **INSURANCE:** No insurance shall be required if the CONTRACTOR completes the following certification:

"I certify that all items supplied under this Contract shall be shipped via a common carrier as defined by the Interstate Commerce Commission. In addition, no term or condition of this Contract will require or compel any employees of the Contractor to be on City property for business reasons."

DBD (CONTRACTOR initials)

b.) **AUTOMOBILE:** No automobile liability insurance shall be required if the CONTRACTOR completes the following certification:

"I certify that a private motor vehicle will not be used in the delivery of supplies or performance of any work or services under this Contract. Any deliveries of supplies shall be via common carrier."

DBD (CONTRACTOR initials)

c.) **WORKERS' COMPENSATION:** No Worker's Compensation insurance shall be required if the CONTRACTOR completes the following certification:

"I certify that my business has no employees and that I do not employ anyone. I am exempt from the legal requirements to provide Workers' Compensation insurance."

_____ (CONTRACTOR initials)

d.) **WORKERS' COMPENSATION:** No Waiver of Subrogation in favor of the CITY shall be required if no work or services will be performed on or at CITY facilities or CITY Property.

"I certify that all items supplied under this Contract shall be shipped via a common carrier as defined by the Interstate Commerce Commission. In addition, no term or condition of this Contract will require or compel any employees of the Contractor to be on City property for business reasons."

DBD (CONTRACTOR initials)

10.) Bid bond

N/A, no bid bond is required for this IFB.

YES, a bid bond is required and has been submitted with this bid response.

VIII.) Items Requiring Bidder's Response

11.) DECLARATION OF COMPLIANCE Equal Benefits Ordinance

Name of Contractor: VMI, inc.

Address: 211 E Weddell Dr., Sunnyvale, CA. 94089

The above-named Contractor ("Contractor") hereby declares and agrees as follows:

1. Contractor has read and understands the Requirements of the Non-Discrimination In Employee Benefits Code (the "Requirements") attached hereto in Section IV.
2. As a condition of receiving this Contract, Contractor agrees to fully comply with the Requirements, as well as any additional requirements that may be specified in the City of Sacramento's Non-Discrimination In Employee Benefits Code codified at Chapter 3.54 of the Sacramento City Code (the "Ordinance").
3. Contractor understands, to the extent that such benefits are not preempted or prohibited by federal or state law, employee benefits covered by the Ordinance are any of the following:
 - a. Bereavement Leave
 - b. Disability, life, and other types of insurance
 - c. Family medical leave
 - d. Health benefits
 - e. Membership or membership discounts
 - f. Moving expenses
 - g. Pension and retirement benefits
 - h. Vacation
 - i. Travel benefits
 - j. Any other benefit offered to employees

Contractor agrees that if Contractor offers any of the above-listed employee benefits, Contractor will offer those benefits, without discrimination between employees with spouses and employees with domestic partners, and without discrimination between the spouses and domestic partners of such employees.

4. Contractor understands that Contractor will not be considered to be discriminating in the provision or application of employee benefits under the following conditions or circumstances:
 - a. If the actual cost of providing a benefit to a domestic partner or spouse exceeds the cost of providing the same benefit to a spouse or domestic partner of an employee, Contractor will not be required to provide the benefit, nor shall it be deemed discriminatory, if Contractor requires the employee to pay the monetary difference in order to provide the benefit to the domestic partner or to the spouse.
 - b. If Contractor is unable to provide a certain benefit, despite taking reasonable measures to do so, if Contractor provides the employee with a cash equivalent Contractor will not be deemed to be discriminating in the application of that benefit.
 - c. If Contractor provides employee benefits neither to employee's spouses nor to employee's domestic partners.
 - d. If Contractor provides employee benefits to employees on a basis unrelated to marital or domestic partner status.
 - e. If Contractor submits written evidence of making reasonable efforts to end discrimination in employee benefits by implementing policies that will be enacted before the first effective date after the first open enrollment process following the date this Contract is executed by the City of Sacramento ("City"). Contractor understands that any delay in the implementation of such policies may not exceed one (1) year from the date this Contract is executed by the City, and applies only to those employee benefits for which an open enrollment process is applicable.

VIII.) Items Requiring Bidder's Response

- f. Until administrative steps can be taken to incorporate nondiscrimination in employee benefits. The time allotted for these administrative steps will apply only to those employee benefits for which administrative steps are necessary and may not exceed three (3) months from the date this Contract is executed by the City.
 - g. Until the expiration of a current collective bargaining agreement(s) if employee benefits are governed by such collective bargaining agreement(s).
 - h. Contractor takes all reasonable measures to end discrimination in employee benefits by either requesting that the union(s) involved agree to reopen the agreement(s) in order for Contractor to take whatever steps are necessary to end discrimination in employee benefits or by ending discrimination in employee benefits without reopening the collective bargaining agreement(s).
 - i. In the event Contractor cannot end discrimination in employee benefits despite taking all reasonable measures to do so, Contractor provides a cash equivalent to eligible employees for whom employee benefits, are not available. Unless otherwise authorized in writing by the City Manager, Contractor understands this cash equivalent must begin at the time the union(s) refuses to allow the collective bargaining agreement(s) to be reopened or not longer than three (3) months after the date this Contract is executed by the City.
5. Contractor understands that failure to comply with the provisions of Section 4(a) through 4(i), above, will subject Contractor to possible suspension and/or termination of this Contract for cause; repayment of any or all of the Contract amount disbursed by the City; debarment for future Contracts until all penalties and restitution have been paid in full and/or for up to two (2) years; and/or the imposition of a penalty, payable to the City, in the sum of \$50.00 for each employee, for each calendar day during which the employee was discriminated against in violation of the provisions of the Ordinance.
 6. Contractor understands and agrees to provide notice to each current employee and, within ten (10) days of hire, to each new employee, of their rights under the Ordinance. Contractor further agrees to maintain a copy of each such letter provided, in an appropriate file for inspection by authorized representatives of the City. Contractor also agrees to prominently display a poster informing each employee of these rights.
 7. Contractor understands that Contractor has the right to request a waiver of, or exemption from, the provisions of the Ordinance by submitting a written request to the City's Procurement Services Division prior to Contract award, which request shall identify the provision(s) of the Ordinance authorizing such waiver or exemption and the factual basis for such waiver or exemption. The City shall determine in its sole discretion whether to approve any such request.
 8. Contractor agrees to defend, indemnify and hold harmless, the City, its officers and employees, against any claims, actions, damages, costs (including reasonable attorney fees), or other liabilities of any kind arising from any violation of the Requirements or of the Ordinance by Contractor.

The undersigned declares under penalty of perjury under the laws of the State of California that the foregoing is true and correct, and that he or she is authorized to bind the Contractor to the provisions of this Declaration.

Signature:	Dennis B. Dunrud <small>Digitally signed by Dennis B. Dunrud DN: cn=Dennis B. Dunrud, o=VMI, Inc., ou=Government Sales, email=dennisd@vmivideo.com, c=US Date: 2015.11.17 16:06:27 -08'00'</small>		
Printed Name:	Dennis B. Dunrud		
Title:	Government Sales Manager	Date:	17NOV2015

VIII.) Items Requiring Bidder's Response

12.) Pricing Schedule

All pricing is to be in U.S. dollars.

Quantity	Part Number	Manufacturer name and product description	unit price	extended total
1	3RUFM	AVenue Control System Rack Frame	\$ 830.00	\$ 830.00
1	5030	AVenue System Control Module	\$ 584.00	\$ 584.00
1	5150	AVenue DA for Analog, AES and Tri-Level Sync	\$ 169.00	\$ 169.00
1	7400	AVenue HD/SD Test Signal and Sync gen	\$ 3,750.00	\$ 3,750.00
2	5230/6230	AVenue Digital to Analog Converter and Disembedder	\$ 1,917.00	\$ 3,834.00
1	AVEPC	Avenue PC Control Software	\$ 210.00	\$ 210.00
3	HD10AMA	AJA HD/SD/ SDI Audio embedder/disimbedder	\$ 663.00	\$ 1,989.00
1	HVS-350HS HVS-390-HS TypeB	HVS 350HS has been formally discontinued For.a HD/SD SDI Switcher,with 1.5ME Control Panel	\$ 20,697.00	\$ 20,697.00
1	HVS30HSDIA	For.a HD/SD SDI Switcher,Input Card	\$ 1,906.00	\$ 1,906.00
1	HVS30HSDO	For.a HD/SD SDI Switcher Output Card	\$ 1,836.00	\$ 1,836.00
2	Ki Pro Rack	AJA Rack Mounted Digital Recorder	\$ 3,330.00	\$ 6,660.00
2	Ki Stor 1000	AJA 1TB Program Storage Module	\$ 413.00	\$ 826.00
1	AD	Apple Drive Software	\$ 115.00	\$ 115.00
1	WWR5250	Tektronix Waveform Rasterizer with Audio & Data	\$ 4,900.00	\$ 4,900.00
1	CompactCG HD	Compix HD CG and Graphics Station	\$ 11,850.00	\$ 11,850.00
1	KB&M	Keyboard and Mouse for CG	\$ 50.00	\$ 50.00
1	SL-RMPD-19	Super Logistics Rackmount 19" Monitor for CG	\$ 779.00	\$ 779.00
1	Lassen 3232HD	Sierra Lassen HD/SD SDI 32X32 Matrix Switch	\$ 8,990.00	\$ 8,990.00
2	LVM-173W	TV Logic Monitor with Rackmount Option	\$ 2,830.00	\$ 5,660.00
1	LC70EQ10U-UE30	Sharp 70" LED Monitor , 4K	\$ 1,923.00	\$ 1,923.00
3	LTMU	Chief Tilting Wall Mount for Flatscreen Monitors	\$ 150.00	\$ 450.00
1	Hi5	AJA HD/SD SDI to HDMI converter w/ cable	\$ 289.00	\$ 289.00
1	EN537	EEG HDTV Smart Encoder IV HD/SD Caption Enc.	\$ 6,120.00	\$ 6,120.00
4	DVR620	Toshiba DVD Recorder	\$ 235.00	\$ 940.00
1	SG300	Cisco 28 port POE Ethernet Switch	\$ 489.00	\$ 489.00
6	BRC-Z700HD	Sony HD PTZ Camera, 3 chip CMOS	\$ 5,480.00	\$ 32,880.00
6	BRCWMALL	Sony PTZ Camera Wall Mount Bracket	\$ 185.00	\$ 1,110.00
6	BRBKIP7Z	Sony IP Control Interface Card	\$ 1,529.00	\$ 9,174.00
1	RM-IP10	Sony IP Based Camera Controller for PTZ Cameras	\$ 1,660.00	\$ 1,660.00
2	P463+ MP10318	NEC 42" HD LED Monitor with SDI in	\$ 1,715.00	\$ 3,430.00
1	ETC-SF1248	ETC Smartfade Lighting controller	\$ 1,230.00	\$ 1,230.00
1	FIDO-R	AJA HD SDI Fiber Receiver	\$ 371.00	\$ 371.00
1	FIDO-T	AJA HD SDI Fiber Transmitter	\$ 371.00	\$ 371.00
1	GraniteV4	Granite Version 4 Software upgrade	\$ 895.00	\$ 895.00
1	DSC HD-3GA	Extron Scaler HDMI to 3G-SDI with Audio Embedding	\$ 995.00	\$ 995.00
1	3204VLZ4	Mackie 32 ch Audio Mixer	\$ 1,166.00	\$ 1,166.00
2	HR-624	Mackie Studio Monitor Speaker	\$ 447.00	\$ 894.00
1	B96DC HNALT/E3	Bittree Bantam Patch Bay with MOU12B option	\$ 1,029.00	\$ 1,029.00
6	DA-6A	Extron Audio Distr. Amp	\$ 239.00	\$ 1,434.00
3	RSU-126	Extron Rack Mount Kit	\$ 79.00	\$ 237.00
1	CS-810	Interactive Technologies Crestron DMX Interface	\$ 1,429.00	\$ 1,429.00
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -

VIII.) Items Requiring Bidder's Response

13.) Authorized Signature Executing Contract

To the City of Sacramento:

The undersigned potential Contractor (bidder) submits the attached bid, and certifies as follows: that the only persons or parties interested in this bid as principals are those named herein as bidder; that this bid is made without collusion with any other person, firm, or corporation; that in submitting this bid the bidder has examined all of the Contract Documents; that the bidder proposes and agrees that if this bid is accepted, the bidder will execute and fully perform the Contract for which bids are called; that the bidder shall perform all the work and/or furnish all the materials specified in the Contract Documents, in the manner and time therein prescribed, and according to the requirements as therein set forth; and that the bidder shall take in full payment therefor, the prices set forth in the attached Pricing Schedule.

CONTRACT DOCUMENTS

Performance of and payment for the Contract for which bids are called shall be subject to all sections of this Invitation For Bid as well as any Addenda, Amendments, published Q&A or other requirements applicable to performance of the work and/or furnishing the materials specified herein. Such documents are referred to herein as the Contract Documents, are fully incorporated herein by this reference, and are collectively referred to as the Contract. By submitting this Bid, the Contractor agrees to fully perform each and every provision of the Contract, provided that City awards the Contract to the Contractor, and provided further that City shall have no obligation hereunder unless and until such award is made. Contractor shall not make any changes to this form without City's written approval, and any changes made without such approval shall be void.

To Be Filled Out By Bidder:

Name of Contractor:	VMI, INC.		
Address:	211 E WEDDELL DR.		
City / State / ZIP:	SUNNYVALE, CA. 94089		
Phone:	(916)369-6911	Fax:	(916)369-7331
Email address:	dennisd@vmivideo.com		
Fed. Tax ID #:	94-2395703	State Tax ID #:	SR YGH 102-543530
City of Sacramento Business Operations Tax Certificate #:			
Type of Business Entity (Check one):	<input type="checkbox"/> Individual/Sole Proprietor	<input type="checkbox"/> Partnership	<input checked="" type="checkbox"/> Corporation
	<input type="checkbox"/> Limited Liability Co	<input type="checkbox"/> Other (specify): CA CERTIFIED small business#1130920	

By:

Signature:	Dennis B. Dunrud	Digitally signed by Dennis B. Dunrud DN: cn=Dennis B. Dunrud, o=VMI, Inc., ou=Government Sales, email=dennisd@vmivideo.com, c=US Date: 2015.11.17 16:05:38 -08'00'
Printed Name:	DENNIS B. DUNRUD	
Title:	GOVERNMENT SALES MANAGER	Date: 17NOV2015

The person signing this Contract for the CONTRACTOR hereby represents and warrants that he/she is fully authorized to sign this Contract on behalf of the CONTRACTOR and to bind the CONTRACTOR to the performance of its obligations herein.

Incomplete information may render a bid "non-responsive" and be rejected.

VIII.) Items Requiring Bidder's Response

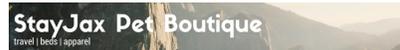
	\$		
Payment Terms: Net 30 (approval req.) or Visa/MC		Subtotal:	\$ 144,151.00
FOB: Destination		Sales Tax:	\$ 12,252.84
E-Disp Fees CA.		Other:	\$ 27.00



(<http://smdp.com>)

City Hall expected to upgrade audio visual system

By [news](http://smdp.com/author/news) on December 8, 2009 in [News](http://smdp.com/category/news)



(<http://www5.smartadserver.com/click?imgid=18825158&insid=6691074&pgid=hall-expected-to-upgrade-audio-visual-system%2f75565&go=http%3a%2f%2f>

CITY HALL — City Council is expected to buy itself an early Christmas present at its meeting tonight, approving the purchase of a \$257,000 audio and visual system for the council's chambers.

The new gear would replace a 10-year-old system that "has become unreliable and increasingly unsupportable," according to a city staff report.

The proposed system is manufactured by Spinitar and would provide enhanced projection quality, touch-panel monitors, wall-mounted flat-screen displays and better sound quality, according to the report by David Yeskel, a City Hall systems analyst.

The total cost of \$256,850 includes a 10 percent contingency allowance and one year of maintenance.

The new system is part of a \$641,850 spending package included on the agenda for tonight's City Council meeting.

<i>New drug test provider </i>

Pre-employment medical exams and drug and alcohol testing for city employees will be conducted by a new medical group under a proposed contract expected to be approved by council tonight.

The proposed contract for \$220,000 is with Westchester Medical Group Center for Heart and Health. The group would replace Santa Monica Bay Physicians Medical Group, which for the past five years has conducted City Hall's pre-employment medical examinations.

<i>Interior decorating</i>

When employees of City Hall's Business & Revenue Operations Division move into new office space in January they'll have \$165,000 worth of matching new furniture, under a proposed contract with Knoll Products expected to be approved tonight.

The new office space consists of 6,500 square feet at 1717 Fourth Street that City Council leased for the division in March.

<i>Positive cash flow</i>

The council is expected to approve a 30-month lease extension for the city-owned property at 1800 Stewart St.

The extension will allow the lessee, CF Santa Monica Office V.I., LP, to continue to negotiate to sublease the space to Agensys, a Santa Monica biotech firm specializing in cancer-fighting drug treatments.

Under the suggested agreement, the lease termination date would be extended from July 1, 2030 to Jan. 1, 2033. The lessee currently pays the city \$866,000 per year to lease 124,000 square feet.

The council is also expected to approve an air rights licensing agreement that would bring City Hall \$54,280 in revenue.

The proposed agreement is related to a three-level pedestrian bridge the developers of the new Travelodge Hotel are seeking to incorporate into their project. The bridge would connect portions of the 164-room hotel, slated for construction at 1515-1525 Ocean Ave. and 1530 Second St.

The proposed agreement is for air and subsurface rights related to the project for a 75-year period.

nickt@smdp.com

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samohi-field-this-weekend/161801)

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 (<http://smdp.com/just-when-i-thought-i-was-out/161796>)

out/161796)

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City of Sierra Madre Agenda Report

Gene Goss, Mayor
Rachelle Arizmendi, Mayor Pro Tem
John Capoccia, Council Member
Denise Delmar, Council Member
John Harabedian, Council Member

Melinda Carrillo, City Clerk
Michael Amerio, City Treasurer

TO: Honorable Mayor and Members of the City Council

FROM: Elaine I. Aguilar, City Manager *EIA*

INITIATED BY: James Carlson, Management Analyst *JC*

REVIEWED BY: Elisa Cox, Assistant City Manager *EC*

DATE: May 24, 2016

**SUBJECT: CITY COUNCIL CHAMBERS AUDIO AND BROADCAST
EQUIPMENT REPLACEMENT**

SUMMARY

Staff is seeking authorization from City Council to direct AxonTech to purchase replacement audio and broadcasting equipment in the amount not to exceed \$72,000.00, and to coordinate the removal of old equipment and installation of new equipment.

ANALYSIS

Background

In an effort to plan for the future needs of the City's infrastructure, the City Council has approved funding for various capital purchases within many City Departments. For fiscal year 2015-2016, funds were budgeted within the Administrative Services Department's Internal Services IT fund to address aging equipment in the City Council Chambers for audio/visual, WiFi, and Streaming reliability and improvements.

Over the past two years, staff has repeatedly been informed by the Executive Director and operators of the Community Media of the Foothills (CMF) that there are components of the current broadcasting equipment that are nearing the end of their useful life and are beginning to fail. Specifically, CMF operators have indicated that the "Globecaster", which is a central component of the broadcasting functions, has needed to be restarted up to 3 times during a number of City Council meetings. Fortunately, the skilled operators were able to restart the equipment without losing the broadcast. However, while the minimal broadcast was maintained, operators were unable to switch between camera angles, re-position cameras as needed, and the titling that

accompanies the play back (i.e. title of Action Item being discussed) was lost for the duration of the restart.

As a result, CMF was asked to provide a list of recommended equipment replacements (or rehabilitation if possible) that they felt should be considered in the near future. After reviewing the list and asking for a range of rough estimates of the equipment, it was determined that some additional analysis was required in order to stay within the internal service's budget for the equipment and work.

Staff has incorporated the assistance of Josh Freifield, owner of AxonTech, which is the City's technical services contractor. Mr. Freifield has knowledge and experience with audio/visual equipment and reviewed the list of equipment from CMF. Subsequently he has met with staff and operators of CMF to determine cost/benefit and reliability options for the proposed equipment replacements.

CMF had indicated that they had recently worked with the cities of Monrovia and Temple City to incorporate equipment replacements and upgrades for their broadcast systems. Monrovia's upgrades far exceeded the restraints of Sierra Madre's prudent budgeting. However, Temple City's recent upgrades, while still exceeding Sierra Madre's budget amount by approximately 22%, seemed to be closer to the range for our needs and fiscal limitations, and on March 31st, staff toured their City Council Chambers with Mr. Freifield and the CMF representatives.

The line item budget for the recommended equipment replacements is included with this report as Attachment A. This represents what staff feels is the best alternative to provide sustainable audio and broadcasting services to our community within the budget limitations. In order to summarize the numerous discussions on the equipment options, the following considerations were taken into account to produce the recommendations included with this report;

Video Switcher

The highest priority equipment replacement is the previously mentioned "Globecaster" that is now consistently failing and has the highest potential of causing a failure to broadcasting City Council, Planning Commission, and other Special meetings. The "Globecaster" is a video switcher, and there are two viable options that were identified. One option would be to get the newest version of the "Globecaster" while the other option would be to obtain a video switcher from "Newtek". CMF indicated that while they would be comfortable with both options, they had a slight preference to getting a new "Globecaster", explaining how they could customize the software themselves to have additional benefits, such as off-site broadcasting adjustments and troubleshooting. This method was accomplished in Temple City and demonstrated to staff and Mr. Freifield.

After numerous questions and time for consideration, staff is recommending in this report that the City purchase the "Newtek" equipment. For one, staff would feel more comfortable recommending equipment that was not customized. There is some concern that customizing the software would eliminate warranty protection. Also, while staff is very satisfied with the talents of the CMF operators and the organization in general, there may come a time when an alternate vendor is used, and having a more industry-standard system would be better than that which is customized for a previous vendor. Finally, the "Newtek" has a much more simple and intuitive interface which would most likely be a benefit for City Staff that is required to use it for emergency communication operations, most often performed without the aid of CMF operators. See Attachment B. Mr. Freifield supports this recommendation.

There are a few ancillary components that the CMF staff and Mr. Freifield recommend that the City purchase for a number of reasons outlined below;

Upgrade Options to Base Newtek Switcher – It is recommended that AxonTech purchase a software upgrade to the base Newtek switcher to allow for increased performance and future upgrade capabilities. The cost for the software upgrade is \$2,000.00. CMF has also recommended that 2 "Blackmagic" output cards be included in the upgrade to the base system in the amount of \$990.00. Finally, staff is recommending purchasing two new PC units to run the broadcasting equipment and enhance the performance and reliability of the video streaming process at a cost of \$5000.00. These purchases are represented by line items 2, 8, and 9 of Attachment A.

Warranty Protection – Staff has incorporated the maximum warranty levels (total of 3 years) that are recommended by Mr. Freifield. One of the major considerations was a warranty level that provided quick temporary equipment should the City's equipment need to be shipped out and repaired. This is important in the effort to provide reliable broadcasts of our public meetings. The cost of the recommended warranty protection is \$9,000.00 and represented by line items 12, and 13 of Attachment A.

Dais Microphones – Staff is recommending that most beneficial upgrade to our sound system would be new microphones on the dais. Staff often receives complaints during broadcasted meetings, or from audience members that the sound level of the Council or Commission members at the dais is too low or at different levels. Staff has often hired Studio Spectrum to optimize the sound engineering, and have asked CMF operators to do their best to alleviate these issues. Staff feels that the engineering adjustments have done all they could do, and new microphones would be the most beneficial investment. The new microphones are designed to be more 'directional' and will do a better job of consistency in picking up the sound from a wide variety of volumes and distances of the speakers. The cost of the new microphones is estimated at \$4,500.00 and represented by line item 6 of Attachment A.

DVD Recorders (“burners”) – Per our contract with CMF, their operators are required to provide a number of DVD copies of each broadcasted meeting to the City Clerk and Assistant to the City Manager within 12 hours. There are currently 3 such burners, of which only one works intermittently. This upgrade is highly recommended as the replacements are relatively inexpensive, and the need for quick copies can be important. The cost of the new DVD Recorders is estimated at \$678.00 and represented by line item 4 of Attachment A.

Remote Presentation Capability – When discussing the potential upgrades, and touring Temple City’s Council Chambers, it was noted that technology exists for a presenter to be able to wirelessly load and advance a PowerPoint (or similar) presentation from their laptop or iPad-like device. This would not only help staff presentations but would greatly help guest presenters that bring their presentations on their own devices. Mr. Freifield has also indicated that this is a relatively simple and inexpensive upgrade, and the cost of the new DVD Recorders is estimated at \$150.00 and represented by line item 7 of Attachment A. A portion of this work will also be covered under line item 10, miscellaneous cabling and interconnects.

Room Reorganization - As you may have noticed, the broadcast room attached to the west of the dais is very small and cramped. A number of pieces of equipment, such as VHS recorders and redundant monitors can be removed. Also, in conjunction with Mr. Freifield and the CMF Operators, a new desk and interface for the new equipment is recommended. The new desk could now be much smaller, and access to the rear of the equipment could be greatly improved. This is often necessary to locate and utilize on/off switches, power, reset mechanisms, and most of the wiring. The cost of the new desk and monitors is estimated at \$2,476.00 and represented by line items 3 and 5 of Attachment A. A portion of this work will also be covered under line item 10, miscellaneous cabling and interconnects.

Labor – Mr. Freifield has provided an estimate of labor to be performed by a combination of AxonTech and CMF in the amount of \$6,000.00 and represented by line 11 of Attachment A.

Items for Future Upgrades

At this time, in order to meet budgetary restraints, staff is comfortable in Mr. Freifield’s analysis that the majority of sound equipment is in fair to good shape, and should be considered for rehabilitation or replacement in a future budget process. This includes sound amplifiers and mixers. Also, while the cameras are relatively older models and were in the original consideration for replacement, staff feels that they are still very reliable, and future upgrades to the cameras, as well as incorporating newer camera technology, can also be delayed. Should a future project include the desire for additional cameras, or wireless capability of the cameras, the \$2,000.00 software upgrade mentioned above would be able to incorporate these technological requirements.

FINANCIAL REVIEW

The costs for the audio and broadcast equipment upgrades proposed falls in line with the Administrative Departments FY 15/16 budgeted amount for capital improvements in the internal services fund for information technology, which is \$72,000.00. Staff had bifurcated the budgeted amount, originally applying \$30,000.00 for Council Chamber upgrades and \$42,000.00 for server upgrades. However the server upgrades can be postponed because the needs of the audio and broadcasting are more imminent. Therefore staff recommends that the full IT budget allocation for capital improvements be used for the audio and broadcasting equipment. This project will have no impact to the General Fund.

PUBLIC NOTICE PROCESS

This item has been noticed through the regular agenda notification process. Copies of the report are available via the City's website at www.cityofsierramadre.com, at the City Hall public counter, and the Sierra Madre Public Library.

ALTERNATIVES

1. The City Council may authorize staff to direct AxonTech to purchase the replacement broadcasting and sound equipment in the amount not to exceed \$72,000.00, and to coordinate the removal of old equipment and installation of new equipment.
2. The City Council may decline to authorize staff to direct AxonTech to purchase the replacement broadcasting and sound equipment in the amount not to exceed \$72,000.00, and to coordinate the removal of old equipment and installation of new equipment.
3. The City Council may choose to add or remove portions of the recommended equipment replacements and provide direction to staff.
4. The City Council may direct staff to return this item for consideration with additional information.

STAFF RECOMMENDATION

Staff is seeking authorization from City Council to direct Axontech to purchase replacement broadcasting and sound equipment in the amount not to exceed \$72,000.00, and to coordinate the removal of old equipment and installation of new equipment.

Attachments (2):

Attachment A: Line Item Budget for Equipment Replacements

Attachment B: NewTek Operator Interface (picture)

ATTACHMENT A

Item	Hardware & Software		
1	NewTek TriCaster 8000	Video switcher with eight (8X) analog inputs	\$35,000
2	NewTek TriCaster Advanced Edition	Software upgrade to allow for NDI IP cameras, compositing, and other advanced functionality	\$2,000
3	(3X) Viewsonic 27" LED LCD	Viewsonic VX2757-MHD LED LCD 1920x108 w/ DisplayPort, HDMI, and VGA Inputs	\$705
4	(2X) Magnavox DVD Recorder	Magnavox MDR868H HD DVR/DVD Recorder with Digital Tuner	\$678
5	Anthro Bench II 60" Wide	Anthro Bench II 60" wide with 5" casters and 10 outlet power bar	\$1,771
6	Microphones	Directional microphones, mounting hardware, and services	\$4,500
7	AppleTV	Remote presentations	\$150
8	(2X) Computers	Computers with i7 Processors, SSD primary drives, mechanical secondary	\$5,000
9	(2X) Blackmagic Output Card	Blackmagic Design DeckLink Duo with 2 SDI In and 2 SDI Out, switchable SD/HD	\$990
10	Misc Cabling & Interconnects	HDMI, DVI, DisplayPort, etc. for projector/computers/etc.	\$1,000
Subtotal for equipment			\$51,794
Sales Tax		(for items where sales tax is not included in estimate)	\$5,179
Subtotal for equipment with sales tax			\$56,973

Labor & Services			
11	Consulting and Labor	Estimated consulting time for AxonTech & CMF for data and video cabling, PC and video system setup, integration, etc.	\$6,000
12	NewTek Protek Care 2 Years	Two years of hardware warranty including advanced replacement	\$6,000
13	NewTek Protek Care 1 Year	One additional year of hardware warranty, the most we can purchase	\$3,000
Subtotal for labor and warranty			\$15,000

Total \$71,973



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WEST BAY SANITARY DISTRICT AGENDA ITEM 6

To: *Board of Directors*

From: *Phil Scott, District Manager*

Subject: *District Manager's Report*

- 1) **CIP Project:**
 - a) Belle Haven II is approximately 85% complete.
- 2) **Affiliate Agency/Association News:**
 - a) **County:** Discussions are progressing with the County regarding transfer of Solid Waste Franchise. Next meeting scheduled for Aug 3 on RFP for study.
- 3) **Upcoming Events:**
 - a) August 16 Block Party. District Staff will be participating.
- 4) **Misc./Action Items from Previous Meeting:**
 - a) **SSOs:** 3 SSO's in 2017. 0 in June.
- 5) **Resource Sharing:**
 - a) **Town of Los Altos Hills:** 1 SSO in 2016. 3 SSO in 2017. 1 caused by City of Palo Alto and 1 caused by Contractor.
 - b) **Town of Woodside:** 0 SSO's in 2016. 1 pump station SSO in 2017 (Pump station maintenance performed by others). They have agreed to renew the maintenance agreement.

Report to the District Board for the Regular Meeting of July 26, 2017

Additional information or topics may be introduced by the DM verbally during the Board meeting.

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1902 - Serving Our Community for over 110 Years - 2017

**WEST BAY SANITARY DISTRICT
MINUTES OF THE REGULAR MEETING OF THE DISTRICT BOARD
WEDNESDAY, JUNE 28 2017 AT 7:00 P.M.**

1. Call to Order

President Moritz called the meeting to order at 7:00 PM

2. Roll Call

BOARD MEMBERS PRESENT: Moritz, Thiele-Sardiña (arrived 7:03pm), Walker, Dehn, Otte,
BOARD MEMBERS ABSENT:
STAFF MEMBERS PRESENT: Scott, Hall, Kitajima, Ramirez
Others Present: Dave Richardson – RMC, Nicole Bowersox – Hydro Science,
Robin Driscoll and Allison Schutte – Sharon Heights Golf
and Country Club

3. Communications from the Public: None

4. Public Hearing: Consideration of Resolution Confirming Report on Sewer Service Charges for West Bay Sanitary District for the Fiscal Year 2017/2018

Motion to Open Public Hearing:

Motion by: Dehn 2nd by: Walker Vote: AYE: 5 NAY: 0 Abstain: 0

Comments: None

Motion to Close Public Hearing:

Motion by: Walker 2nd by: Thiele-Sardiña Vote: AYE: 5 NAY: 0 Abstain: 0

5. Consideration of Resolution Confirming Report on Sewer Service Charges for West Bay Sanitary District for the Fiscal Year 2017/2018

Motion by: Otte 2nd by: Dehn Vote: AYE: 5 NAY: 0 Abstain: 0

Comments: None

6. District Manager's Report

1) CIP Project:

- a) Belle Haven II is approximately 75% complete.

2) Affiliate Agency/Association News:

- a) **CWEA:** District hosted Pump By-Pass training for the Santa Clara Valley Section on June 13.
- b) **County:** Discussions are progressing with the County regarding transfer of Solid Waste Franchise.

3) Upcoming Events:

- a) Goals Luncheon July 13 at noon. No meeting July 12 and August 9. Meetings July 26 and August 23.

4) Misc./Action Items from Previous Meeting:

- a) **SSOs:** 3 SSO's in 2017. 0 in May
- b) **AM Consulting:** Completed rough draft of the 5-Year Sewer System Management Plan Audit as required by SWRCB (State Water Resources Control Board). Anticipating Board certification and approval in August 2017.
- c) **Public Relations:**
 - i) One Opinion article was written in Daily Post on June 12 with incorrect information regarding Board compensation. DM wrote two responses to try to get the story corrected. DM presented his response that was published in the Daily Post on June 27.
 - ii) Office and Communications Manager has enrolled the District in the Menlo Movie Series July – Sept, the Chamber of Commerce Block Party Aug 16, and Facebook festivals Aug 26 and Oct 28.

5) Resource Sharing:

- a) **Town of Los Altos Hills:** 1 SSO in 2016. 2 SSO in 2017. City Manager and District Manager met May 16 in preparation for 3rd year of the Maintenance Agreement. Re-iterated District's commitment to providing continued maintenance services for LAH.
- b) **Town of Woodside:** 0 SSO's in 2016. 1 pump station SSO in 2017 (Pump station maintenance performed by others). SWRCB made a site visit with the Town of Woodside to perform an inspection of the Collection System. West Bay representatives were in attendance to attest to the amount of cleaning, Televising, and FOG work that had been performed.

7. Consent Calendar

- A. Approval of Minutes for Regular meeting May 24, 2016
- B. Approval of the Withdrawal Order Authorizing Payment of Certain Bills and Salaries and Consideration of Other Financial Matters for June 28, 2017
- C. WBSD Operations and Maintenance Report – May 2017
- D. Town of Los Altos Hills Operations and Maintenance Report for Work Performed by WBSD – May 2017

- E. Consider to Ratify and Approve Report on District's Investment Portfolio Including the Transactions of Assets Described Therein as of 5-31-17
- F. Consideration of the District Manager's Issuance of the Class 3 Permit for the Rerouting of District Main to Chilco Street for the Chilco Street Improvement Project Required for the Facebook (MPK 23 and Bldg. 305) Development in Menlo Park, CA
- G. Consideration of a Resolution of Intention to Annex Certain Territory (135 Shawnee Pass) to the West Bay Sanitary District On-Site Wastewater Disposal Zone and to Establish the Date and Time of Public Hearing

Motion by: Thiele-Sardiña 2nd by: Walker Vote: AYE: 5 NAY: 0 Abstain: 0

CONSIDERATION OF ITEM(S) REMOVED FROM THE CONSENT CALENDAR

Comments: None

- 8. **Consideration of Authorizing the District Manager to Grant the Relocation Request of a 4-FT Public Utility Easement at 1049 Almanor Avenue, Menlo Park,**

Motion by: Otte 2nd by: Dehn Vote: AYE: 5 NAY: 0 Abstain: 0

Comments: DM Scott presented the item and stated the property owner is willing to give a 4 foot easement on the other side of the District's 6 foot easement for a total 10 foot easement.

- 9. **Consider Adoption of Resolution Establishing Rates of Pay and Related Compensation Provisions**

Motion by: Dehn 2nd by: Thiele-Sardiña Vote: AYE: 5 NAY: 0 Abstain: 0

Comments: DM Scott presented the item to the Board and stated change in the rates of pay effective July 1 are due to the terms of the MOU and included in the FY17/18 budget. 2 new positions have also been added and 1 change of title and salary has been updated.

- 10. **Discussion and Direction on Recycled Water Project and on Negotiations with Sharon Heights Golf Course on Long-Term Agreement**

Comments: DM Scott discussed three long-term agreement (LTA) options with the Board. Board consensus was to proceed with signing the agreement and all exhibits, record the easement with San Mateo County and don't sign memo of Spring Lien but prepare a side letter agreeing up to 120 days to complete security and present a binding plan approved by the District Board for providing security.

11. Consider to Authorize the District Manager to Execute a Memorandum of Understanding Between Sharon Heights Golf and Country Club and West Bay Sanitary District Regarding the Development of Additional Pump Stations to Service the Recycled Water Treatment Facility on Sharon Heights' Property

Motion by: Dehn 2nd by: Thiele-Sardiña Vote: AYE: 5 NAY: 0 Abstain: 0

Comments: DM Scott reported this item which includes pipeline changes, which will reserve part of the flow, on and around Sharon Road and Vine Street. It will also repair sewer lines and add recycled water pipe for the recycled water project. SHGCC has agreed to pay for part of the work.

11. Consider Approval of Issuance of RFP for Design Build Delivery of West Bay Sanitary District Recycled Water Project – Sharon Heights

Motion by: Thiele-Sardiña 2nd by: Dehn Vote: AYE: 5 NAY: 0 Abstain: 0

Comments: None

12. Discussion and Direction on Email Policy

Comments: DM Scott discussed that Board members private email and may be considered public records if used for District business and whether the District should provide separate email addresses for Board members. Consensus was to set up separate District email addresses through the District.

14. Discussion of and Direction for Response to the San Mateo County Grand Jury Report “Can We See You Now? San Mateo County’s Independent Special Districts Website Transparency Update”

Motion by: Thiele-Sardiña 2nd by: Dehn Vote: AYE: 3 NAY: 1 Abstain: 1

Comments: DM Scott outlined the Grand Jury Report to the Board. The report recommends joining the California Special Districts Association in order to meet their criteria for website transparency. Board consensus is to join the association and proceed with website transparency certificate.

15. Report & Discussion on South Bayside Waste Management Authority (SBWMA) and Negotiations for Franchise Agreement Extension

Comments: Director Dehn reported on the June 22 meeting which included the approval of the restated model franchise agreement which will be used as a model agreement for negotiations for each JPA agency. Current insurance company will not renew policy due to recent fires. New rates will be higher and the new policy requires additional fire suppression and a battery management program.

16. Report & Discussion on Silicon Valley Clean Water (SVCW) and Discussion on SVCW CIP Program

Comments: Director Otte reported on the recent meeting which included the approval of the \$4M construction contract for front pond and the approval of rates of pay.

17. Closed Session

- A. CONFERENCE WITH LABOR NEGOTIATORS
(Cal. Govt. Code §54957.6)
Agency Designated Representative: District Manager
Unrepresented Employees: Exempt Employees

Entered closed session at 9:00 p.m. Left closed session at 9:16 p.m.

Reportable action: None

18. Consideration to Approve the Resolution Establishing the Personnel Policies – Revised Education Assistance Policy and Housekeeping Changes

Motion by: Walker 2nd by: Otte Vote: AYE: 5 NAY: 0 Abstain: 0

Comments: DM Scott discussed proposed changes to the policy that includes a change in the educational assistance section, added temporary and part-time employees sick leave per the Healthy Workplaces, Healthy Families Act 2014 and updates on the salary and PERS amount.

19. Comments or Reports from Members of the District Board and Consider Items to be Placed on Future Agenda

Comments: Director Thiele-Sardiña would like upcoming item on metal storage building at the FEF.

20. Adjournment Time: The meeting was adjourned at 9:17 PM

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**WEST BAY SANITARY DISTRICT
WITHDRAWAL ORDER
July 26, 2017**

CHECK	TO WHOM PAYABLE	PURPOSE	AMOUNT
62426	SAN MATEO COUNTY ASSESSOR	Contract Service - A&G	305.00
62427	AMERICAN WATER SERVICES	Utilities - Coll	69.04
62428	READYREFRESH BY NESTLE	Utilities - Coll	94.26
62429	CALIFORNIA WATER SERVICE	Utilities - Coll	1,915.11
62430	CALPERS LONG-TERM CARE PROGRAM	LTC Withholding	208.18
62431	CINTAS CORP	Contract Services - Coll	546.15
62432	DEPT. OF INDUSTRIAL RELATIONS	Other Operating Expenses - A&G	506.00
62433	GRANITE ROCK, INC.	Operating Supplies - Coll	134.08
62434	HF&H CONSULTANTS, LLC	Professional Services - A&G	2,204.57
62435	INDUSTRIAL SAFETY SUPPLY	Operating Supplies/Repairs & Maintenance - Coll	10,228.20
62436	CITY OF MENLO PARK	Utilities - Coll	60.84
62437	OGASAWARA LANDSCAPE MAINT.	Repairs & Maintenance - Coll	4,620.00
62438	PACIFIC GAS & ELECTRIC	Utilities - Coll	1,572.72
62439	PRECISE PRINTING AND MAILING	Printing & Publications - A&G	38.85
62440	ROBERTS & BRUNE CO	Operating Supplies - Coll	360.91
62441	VERIZON WIRELESS	Utilities - A&G	1,366.47
62442	MONNEY CAR AUDIO	Operating Supplies - Coll	713.13
62443	CARRIE NEVOLI - PETTY CASH	Meetings, Training & Travel; Office Exp - A&G	69.42
62444	CSRMA c/o ALLIANT INSURANCE	Other Operating Expense - A&G	5,574.01
62445	HELIX LABORATORIES, INC.	Operating Supplies - Coll	2,392.50
62446	PUBLIC EMPLOYEES' RETIREMENT	Employee Benefits - A&G/Coll	46,361.36
62447	PRINCIPAL FINANCIAL GROUP	Employee Benefits - A&G/Coll	4,648.51
62448	WEF MEMBERSHIP RENEWALS	Membership - A&G	247.00
62449	MARIE RAMIREZ/SDU	Wage Garnishment	821.08
62450	SAN MATEO COUNTY EMPLOYEES	Credit Union WH	1,854.50
62451	NAVIA BENEFIT SOLUTIONS	FSA Deduction	173.08
62452	CALIF SPECIAL DISTRICTS ASSN.	Memberships - A&G	5,188.00
62453	SAN MATEO COUNTY CLERK	Deposits - 430 Sherwood Way, MP (Murphy)	18.00
62454	MATHESON TRI-GAS, INC.	Operating Supplies - Coll	39.80
62455	CALIFORNIA WATER SERVICE	Utilities - Coll	16.84
62456	CINTAS CORP	Contract Services - Coll	690.10
62457	DUKE'S ROOT CONTROL, INC	Contract Services - Coll	40,364.84
62458	FULL SOURCE, LLC	Operating Supplies - Coll	1,183.96
62459	GRAINGER	Operating Supplies - Coll	3,421.55
62460	GRANITE ROCK, INC.	Operating Supplies - Coll	869.82
62461	HOME DEPOT CREDIT SERVICES	Operating Supplies - Coll	668.30
62462	J & B CORROSION ENGINEERING	Contract Services - Coll	1,380.00
62463	CITY OF MENLO PARK	Utilities - A&G	683.85
62464	SUTTER EAP	Employee Benefits - A&G	439.46
62465	OMEGA INDUSTRIAL SUPPLY, INC.	Operating Supplies - Coll	354.90
62466	P&F DISTRIBUTERS	Operating Supplies - Coll	228.38
62467	PACIFIC GAS & ELECTRIC	Utilities - A&G/Coll	3,190.42
62468	PHIL FINER REFRIGERATION & A/C	Operating Supplies - Coll	421.71
62469	PREFERRED ALLIANCE	Professional Services - A&G	168.84
62470	RED WING SHOE STORE	Operating Supplies - Coll	2,444.91
62471	RMC WATER AND ENVIRONMENT	Professional Services - A&G	23,389.50
62472	SHARP BUSINESS SYSTEMS	Rents & Leases - Coll	267.93
62473	STEVENS CREEK QUARRY, INC.	Operating Supplies - Coll	548.34
62474	USB MEMORY DIRECT	CIP - Flash Drives	1,212.50
62475	U.S. JETTING, LLC.	Repairs & Maintenance - Coll	279.54
62476	AMERICAN MESSAGING	Utilities - A&G	61.37
62477	ALLIANT INSURANCE SERVICES INC	Prepaid Insurance	14,179.00

62478	JANI-KING OF CA, INC - SFR/OAK	Contract Services - A&G	602.27
62479	ZOOM IMAGING SOLUTIONS, INC.	Rents & Leases - Coll	265.66
62480	JONATHAN WERNES	Meetings, Training & Travel - Coll	114.55
62481	SERGIO RAMIREZ	Other Operating Expense - Coll	556.61
62482	AMERICAN WATER WORKS ASSN.	Memberships - A&G	262.00
62483	BANKCARD CENTER	Office Expense;	3,244.23
62484	ALPHA ANALYTICAL LABORATORIES	Research & Monitoring - Coll	1,456.00
62485	BAY ALARM	Contract Services - Coll	195.00
62486	CALPERS LONG-TERM CARE PROGRAM	LTC Witholding	208.18
62487	CENTURY CARPET, INC.	District Office Interior	10,936.00
62488	CINTAS CORP	Contract Services - Coll	536.91
62489	DU-ALL SAFETY, LLC	Professional Services - Coll	1,620.00
62490	A M CONSULTING	Professional Services - A&G	8,125.00
62491	GETGO, INC.	Repairs & Maintenance - Coll	64.13
62492	HADRONEX, INC.	Repairs & Maintenance/Contract Services - Coll	30,784.00
62493	IEDA	Professional Services - A&G	709.00
62494	KONE INC.	Contract Services - A&G	238.21
62495	LOG ME IN	Repairs & Maintenance - Coll	1,299.00
62496	CITY OF MENLO PARK	Utilities - Coll	33.80
62497	PACIFIC GAS & ELECTRIC	Utilities - Coll	341.01
62498	PENINSULA BUILDING MATERIALS	Operating Supplies - Coll	210.17
62499	PIER 2 MARKETING	Repairs & Maitnenance - Coll	5,500.00
62500	RMC WATER AND ENVIRONMENT	Professional Services - A&G	8,160.40
62501	SAN MATEO COUNTY	Other Operating Expense - Coll	1,340.00
62502	SEEKZEN SYSTEMS	Professional Services - A&G	475.00
62503	SOLARWINDS	Repairs & Maintenance - Coll	53.00
62504	TOSHIBA FINANCIAL SERVICES	Rents & Leases - Coll	244.69
62505	V & A CONSULTING ENGINEERS	Repairs & Maintenance - Coll	2,032.40
62506	VISION COMMUNICATIONS CO.	Rents & Leases - A&G	667.00
62507	SAN MATEO COUNTY CLERK	Deposits - 1234 Santa Cruz Ave, MP (Nash)	18.00
62508	SAN MATEO COUNTY CLERK	Deposits - 1224 Santa Cruz Ave (Nash)	18.00
62509	THE CONCEPT GENIE	Printing & Publications - A&G	707.03
62510	BOB HULSMANN	Meetings, Training & Travel	342.73
62511	CARRIE NEVOLI - PETTY CASH	Repairs & Maintenance - A&G	97.85
62512	TRAILER VILLA	Rents & Leases - A&G	2,000.00
62513	V O I D		
62514	TEAMSTERS LOCAL NO. 350	Union Dues WH	1,150.00
62515	NAVIA BENEFIT SOLUTIONS	FSA Deduction	173.08
62516	SAN MATEO COUNTY EMPLOYEES	Credit Union WH	1,854.50
62517	MARIE RAMIREZ/SDU	Wage Garnishment	821.08
62518	CITY OF EAST PALO ALTO	Other Operating Expense - Coll	331.80
62519	SAN MATEO COUNTY CLERK	Deposits - 1485 Santa Cruz Ave (Newman)	18.00
62520	CARRIE NEVOLI - PETTY CASH	Op Supp; Rep & Maint; Mtgs, Training & Travel - Coll	187.27
62521	AAA RENTALS	Emergency Repairs - Alpine Rd.	990.00
62522	THE ALMANAC	Printing & Publications - A&G	264.00
62523	READYREFRESH BY NESTLE	Utilities - Coll	307.98
62524	ATCHISON, BARISONE & CONDOTTI	Professional Services - A&G	13,826.50
62525	CALIFORNIA WATER SERVICE	Utilities - Coll	1,971.75
62526	FINISHMASTER INC	Operating Supplies - Coll	77.34
62527	A M Consulting	Professional Services - A&G	4,875.00
62528	FREYER & LAURETA	CIP - 1068 Belle Haven Phase II	41,558.13
62529	GRANITE ROCK, INC.	Emergency Repairs - Alpine Rd.	676.93
62530	PREFERRED ALLIANCE	Professional Services - A&G	168.84
62531	RANGER PIPELINES	CIP 16-17 - Belle Haven II Sewer Project	297,365.20
62532	RESTORATION MANAGEMENT CO.	Other Operating Expense - Coll	883.09
62533	ROBERTS & BRUNE CO	Operating Supplies - Coll	3,323.66
62534	WHITLEY BURCHETT & ASSOCIATES	Professional Services - A&G	1,179.82
62535	CINTAS CORP	Contract Services - Coll	903.87

62536	MAIL FINANCE	Office Expense - A&G	280.54
62537	R.A. NOSEK INVESTIGATIONS	Professional Services - A&G	295.00
62538	SAN MATEO COUNTY ELECTIONS	Election Expense - A&G	8,214.49
62539	U.S. HEALTHWORKS	Professional Services - A&G	107.03
			654,059.56
TOTAL CHECKS			

WIRES

<u>TRANSFER DATE</u>	<u>PURPOSE</u>	
6/30/2017	Directors Fees for June	1,339.89
7/3/2017	SVCW	622,050.00
7/5/2017	Prime Pay fees	634.32
7/7/2017	Employee Payroll - Pay Period 6/23/17 - 7/7/17	79,663.14
7/7/2017	Federal Payroll Taxes	18,865.27
7/7/2017	State Payroll Taxes	5,140.95
7/7/2017	ICMA	5,424.95
7/21/2017	Employee Payroll - Pay Period 7/7/17 - 7/21/17	84,089.09
7/21/2017	Federal Payroll Taxes	21,244.21
7/21/2017	State Payroll Taxes	5,910.45
7/21/2017	ICMA	5,773.80
7/17/2017	Calpers Pension Contributions prepay of unfunded liability	221,401.00
7/17/2017	Calpers Pension Contributions for July	38,028.18
7/24/2017	SVCW Bond Payments 2009	645,202.72
7/24/2017	SVCW Bond Payments 2014	414,989.97
7/24/2017	SVCW Bond Payments 2015	544,775.00
		2,714,532.94
WIRE TRANSFERS FROM BoW CHECKING		
7/24/2017	Transfer from Money Market	3,500,000.00
		3,500,000.00
TOTAL WIRE TRANSFERS TO BoW CHECKING		

Secretary

President

WITHDRAWAL ORDER
SUPPLEMENTAL PURCHASE REGISTER
07/26/2017

OPERATING SUPPLIES & OFFICE EXPENSE

CHECK	AMOUNT	VENDOR	DESCRIPTION
62435	10,228.20	INDUSTRIAL SAFETY SUPPLY	Gas monitoring equipment.
62445	2,392.50	HELIX LABORATORIES, INC.	Two 55-gallon drums of Commander odor control for pump stations.
62470	2,444.91	RED WING SHOE STORE	Safety boots.
62459	3,421.55	GRAINGER	Miscellaneous maintenance supplies - ladders, hoses, vehicle maintenance.
62533	3,323.66	ROBERTS & BRUNE CO	Clay pipe stock.
CHECK	AMOUNT	VENDOR	DESCRIPTION
62429	1,915.11	CALIFORNIA WATER SERVICE	Portable metered water for rehab.
62434	2,204.57	HF&H CONSULTANTS, LLC	May sewer rate model update.
62437	4,620.00	OGASAWARA LANDSCAPE MAINT.	Weed control maintenance at FEF.
62443	69.42	CARRIE NEVOLI - PETTY CASH	Replenish petty cash for Admin.
62444	5,574.01	CSRMA c/o ALLIANT INSURANCE	Payment of various liability claims.
62452	5,188.00	CALIF SPECIAL DISTRICTS ASSN.	Annual membership renewal.
62457	40,364.84	DUKE'S ROOT CONTROL, INC	Root foaming in June for LAH, to be billed and reimbursed.
62462	1,380.00	J & B CORROSION ENGINEERING	Annual cathodic protection system evaluation and report for pump stations.
62471	23,389.50	RMC WATER AND ENVIRONMENT	SHGCC recycled water project phase B design/build during May.
62477	14,179.00	ALLIANT INSURANCE SERVICES INC	District vehicles physical damage insurance premium for FY2017-18.
62480	114.55	JONATHAN WERNESS	Reimburse for Operation of Wastewater Treatment Plants course through Office of Water Programs at Sac State.
62481	556.61	SERGIO RAMIREZ	Reimburse for college level courses at Chabot College.
62483	3,244.23	BANKCARD CENTER	Uniforms \$407; Fastrak \$470; public outreach \$500; misc office exp \$1,550; computer hardware \$220.
62487	10,936.00	CENTURY CARPET, INC.	Carpet for Administration Building.
62490	8,125.00	A M Consulting	Progress payment on 5-year SSMP audit.
62492	30,784.00	HADRONEX, INC.	Annual service, maintenance and warranty for 32 District Smart Cover manhole covers.
62495	1,299.00	LOG ME IN	Annual renewal of remote access software.
62499	5,500.00	PIER 2 MARKETING	District website modification for mobile compatibility.
62500	8,160.40	RMC WATER AND ENVIRONMENT	SHGCC recycled water project MOU work performed between Feb-May 2017.
62505	2,032.40	V & A CONSULTING ENGINEERS	Flow meter calibration verification & troubleshooting.
62511	97.85	CARRIE NEVOLI - PETTY CASH	Replenish petty cash for Source Control.
62513		VOID	Printer error.
62519	187.27	CARRIE NEVOLI - PETTY CASH	Replenish petty cash for Maintenance Department.
62524	13,826.50	ATCHISON, BARISONE & CONDOTTI	Legal services for the month of June.
62525	1,971.75	CALIFORNIA WATER SERVICE	Portable metered water for rehab.
62527	4,875.00	A M Consulting	Final payment on 5-year SSMP audit, total cost \$19,500.
62528	41,558.13	FREYER & LAURETA	Design and engineering for Belle Haven Phase III \$34.9K; Levee \$2.5K; construction inspection Belle Haven II \$4.1 during May.
62531	297,365.20	RANGER PIPELINES	Contract payment #6 Belle Haven II Sewer Project.
62534	1,179.82	WHITLEY BURCHETT & ASSOCIATES	May BACWA and WRWC meeting participation.
62538	8,214.49	SAN MATEO COUNTY ELECTIONS	Change Board Director's election to even years.

WEST BAY SANITARY DISTRICT

SUMMARY OF FY2017-18 PAYMENTS
(Through Withdrawal Order 07/26/2017)

REGULAR PAYABLES	TOTAL BY VENDOR 7/1/2017-7/26/2017	WITHDRAWAL 7/26/2017
A-A Lock & Alarm	-	
A-1 Rhino Liner	-	
A & B Trailer Hitch Inc.	-	
A & D Automatic Gate Access	-	
AAA Rentals	990.00	990.00
ABAG Hazmat	-	
Abila	-	
Accurate Mailing	-	
Ackerman Practicon	-	
Action Towing	-	
Matheson Tri-Gas, Inc.	39.80	39.80
Alan Steel & Supply Co.	-	
Allen Equipment Company, Inc.	-	
Alliant Insurance Services Inc	14,179.00	14,179.00
The Almanac	264.00	264.00
Alpha Analytical Laboratories	1,456.00	1,456.00
Alpine Ladera Fuel Inc.	-	
American Industrial Pumps	-	
American Messaging	61.37	61.37
American Water Services	69.04	69.04
American Water Works Assn.	262.00	262.00
Andes Construction Inc.	-	
Anderson Pacific	-	
Andrighetto RA	-	
A M Consulting	13,000.00	13,000.00
Arrowhead	-	
Ascent Elevator Services Inc.	-	
Association of Bay Area Gov.	-	
AT&T	-	
Atchison, Barisone & Condotti	13,826.50	13,826.50
Town of Atherton	-	
BHI Management Consulting	-	
Backflow Prevention Specialist	-	
Baggenineers	-	
Bayside Heating & Air	-	
Bankcard Center	3,244.23	3,244.23
S.G. Banks, Inc	-	
Barker Blue	-	
Bay Alarm	195.00	195.00
Bay Area Air Quality	-	
Bay Area Barricade Service Inc	-	
Bay Area Clean Water Agencies	-	
Bay Area Paving Co. Inc.	-	
Bayside Equipment Company	-	
Bayside Fire Protection Inc.	-	
Bay Area Clean Water Agencies	-	
Bell Electrical Supply, Inc.	-	
Jed M. Beyer	-	
Blue Oaks Reimb Agrmnt Participants	-	
Bobcat West	-	
Boyce Reimb Agreement Participants	-	
Bruce Barton Pump Service	-	
Burke, Williams & Sorensen	-	
CA-NV AWWA	-	
CDPH-OCP	-	
CDW Government	-	
CWEA,Sfbs	-	
CWEA-SCVS	-	
CWEA-SAS	-	
CWEA-SFSB	-	
CWEA	-	
C.A.S.A.	-	
CSDA	-	
CSRMA C/O Alliant Insurance	5,574.01	5,574.01

WEST BAY SANITARY DISTRICT

SUMMARY OF FY2017-18 PAYMENTS
(Through Withdrawal Order 07/26/2017)

	TOTAL BY VENDOR 7/1/2017-7/26/2017	WITHDRAWAL 7/26/2017
REGULAR PAYABLES		
CSR Graphics	-	
State of California	-	
Calif Special Districts Assn.	5,188.00	5,188.00
California Commerce	-	
Calif. Labor Law Poster Servic	-	
California Trenchless Inc.	-	
Calif. Utilities Emergency Assc	-	
State Water Resources Control	-	
California Water Service	3,903.70	3,903.70
California Water Service Company	-	
Calpers Long-Term Care Program	416.36	416.36
Calpers Fiscal Services Div.	-	
Cal-Steam	-	
Caltrans	-	
Cardiac Science Corp.	-	
Center For Hearing Health Inc.	-	
Central Supply Co., Inc.	-	
Century Carpet, Inc.	10,936.00	10,936.00
Chemsearch	-	
Chevron	-	
Chavan & Associates LLP	-	
Christian Brothers Lining, Co.	-	
Cintas Corp	2,677.03	2,677.03
Cintas Fas Lockbox 636525	-	
Comcast	-	
Commercial Capital Company Llc	-	
Comtread Inc.	-	
Cooperative Personnel Services	-	
Corrosion Engineering Assoc.	-	
Costco Membership	-	
County Specialty Gases	-	
Cues	-	
CUSI	-	
DKF Solutions Group	-	
D & L Supply	-	
D & S Sales	-	
The Definitive Deodorant Co.	-	
Dell Marketing L.P.	-	
Deluxe	-	
Dept. of Industrial Relations	506.00	506.00
Dept of Motor Vehicles	-	
Detection Instruments	-	
Dewey Pest Control	-	
Direct Safety	-	
Dolphin Graphics	-	
Downtown Ford Sales	-	
Ducky's Car Wash	-	
Dukes Root Control, Inc	40,364.84	40,364.84
Du-All Safety, Llc	1,620.00	1,620.00
ESRI	-	
East Bay Muni Utility District	-	
City of East Palo Alto	331.80	331.80
Electro-Stock Inc	-	
Environmental Bio Int., Llc	-	
Express Safety, Inc.	-	
Fanton Reimbursement Recipients	-	
Fastenal Company	-	
Fast Response On-Site Testing	-	
Federal Express	-	
Finishmaster Inc	77.34	77.34
City of Foster City	-	
Four Star Automotive, Inc.	-	
Freyer & Laureta	41,558.13	41,558.13
Full Source, LLC	1,183.96	1,183.96
G3 Engineering, Inc	-	
GCVSC (Grtr Centrl Valley Coll Syst)	-	

WEST BAY SANITARY DISTRICT

SUMMARY OF FY2017-18 PAYMENTS
(Through Withdrawal Order 07/26/2017)

	TOTAL BY VENDOR 7/1/2017-7/26/2017	WITHDRAWAL 7/26/2017
REGULAR PAYABLES		
Gaffigan Company	-	
Gardini Electric Co. Inc.	-	
Garratt Reimbursement Recipients	-	
Angus Gavin	-	
Gearbox	-	
General Hardware & Bldrs Suppl	-	
Getgo, Inc.	64.13	64.13
Givat Partnership	-	
Golden Gate Truck	-	
Golden Oak Reimb Agrmnt Participants	-	
Golden Street Printing Co	-	
Goldstreet Design Agency, Inc.	-	
Grainger	3,421.55	3,421.55
Granite Rock, Inc.	1,680.83	1,680.83
Guardian Life Insurance Co.	-	
HDPE Supply	-	
HF&H Consultants, Llc	2,204.57	2,204.57
Hach Company	-	
Julie Hadidi	-	
Hagemeyer North America, Inc.	-	
Hadronex, Inc.	30,784.00	30,784.00
Half Moon Bay Grading & Paving	-	
Harbor Ready Mix	-	
Harrington Industrial Plastics	-	
Hassett Hardware	-	
Helix Laboratories, Inc.	2,392.50	2,392.50
Arthur Hildebrand	-	
Hillyard/San Francisco	-	
Holmes International	-	
Home Depot Credit Services	668.30	668.30
Hot Stick U.S.A.	-	
Bob Hulsmann	342.73	342.73
Hydraulic Controls	-	
Hyster Sales Company	-	
ICMA-Fees	-	
IEDA	709.00	709.00
IKEA Accounts Receivable	-	
Ikon Financial Services	-	
Ikon Office Solutions	-	
Industrial Safety Supply	10,228.20	10,228.20
Industrial Scientific	-	
Instrument Technology Corp.	-	
International Tree Experts	-	
Interstate All Battery Center	-	
Interstate Traffic Control	-	
Isac Inc	-	
J & B Corrosion Engineering	1,380.00	1,380.00
Jack Doheny Supplies, Inc.	-	
Jani-King of Ca, Inc - Sfr/Oak	602.27	602.27
Bill Kitajima	-	
Kaman Industrial Technologies	-	
Kantor'S Furniture	-	
Kohlberg Reimb Agrmnt participants	-	
KIS	-	
Kone Inc.	238.21	238.21
Alex Kushner General Contr.	-	
L & M Transmission	-	
LDH MP, LLC	-	
LTW Reimb Agreement Participants	-	
Larson Consulting	-	
Lasky Trade Printing	-	
Las Lomas Elementary School	-	
Legacy Painting Contractors	-	
Randall Livingston	-	
Log Me In	1,299.00	1,299.00
Town of Los Altos Hills	-	

WEST BAY SANITARY DISTRICT

SUMMARY OF FY2017-18 PAYMENTS
(Through Withdrawal Order 07/26/2017)

	TOTAL BY VENDOR 7/1/2017-7/26/2017	WITHDRAWAL 7/26/2017
REGULAR PAYABLES		
Lucity, Inc.	-	
Lyngso Garden Materials, Inc	-	
MSDS Online, Inc.	-	
Damian Madrigal	-	
Eric Madrigal	-	
Mail Finance	280.54	280.54
The Marlin Company	-	
Marshall & Tidmarsh/Moulds RA	-	
Massimo Mazzon	-	
Masune	-	
Masters of Communication	-	
Maxx Metals	-	
McGuire & Hester	-	
Dale/McMills Partnership	-	
Mckenna Long & Aldridge	-	
Metal Building Company	-	
Menlo Chevron	-	
Menlo Park Chamber of Commerce	-	
City of Menlo Park-Water	778.49	778.49
City of Menlo Park-Repair	-	
City of Menlo Park-Fuel	-	
City of Menlo Park	-	
Menlo Park Police Department	-	
City of Menlo Park-Print Shop	-	
Menlo Park Fire Protection	-	
Menlo Park Hardware Co. #14016	-	
Myers Tire Supply	-	
Mid Peninsula Abstracts	-	
Midwest Unlimited	-	
Mike's Camera, Inc.	-	
Mills-Peninsula Health Service	-	
Mission Clay Products Llc	-	
Mission Valley Ford	-	
Monney Car Audio	713.13	713.13
Katrina Montinola	-	
Edward P. Moritz	-	
Morse Hydraulics	-	
Moss Rubber	-	
Motorola Solutions, Inc.	-	
Motion Industries, Inc.	-	
Municipal Maintenance Equip.	-	
NCCIPMA-HR	-	
National Fleet Solutions	-	
National Notary Association	-	
Nationwide Retirement Solution	-	
National Safety Council	-	
Navia Benefit Solutions	346.16	346.16
Neopost USA Inc.	-	
Carrie Nevoli - Petty Cash	354.54	354.54
Nixon-Egli Equipment Company	-	
Nor-Cal Pipeline	-	
Norlab, Inc.	-	
North Bay Pensions	-	
Northern Safety Co.	-	
Northern Tool & Equip Co.	-	
Northwestern Design	-	
Oldcastle Precast Inc.	-	
Office Of Water Programs	-	
Ogasawara Landscape Maint.	4,620.00	4,620.00
Old Toledo Brands, Inc.	-	
Omega Industrial Supply, Inc.	354.90	354.90
Opengov, Inc.	-	
Oratech Controls, Inc.	-	
Orenco Systems	-	
Orlandi Trailer	-	
Orr Safety	-	

WEST BAY SANITARY DISTRICT

SUMMARY OF FY2017-18 PAYMENTS
(Through Withdrawal Order 07/26/2017)

	TOTAL BY VENDOR 7/1/2017-7/26/2017	WITHDRAWAL 7/26/2017
REGULAR PAYABLES		
George Otte	-	
Owen Equipment Company	-	
P&F Distributers	228.38	228.38
PAMF	-	
Pacific Auto Repair	-	
Pacific Gas & Electric	5,104.15	5,104.15
Palo Alto Staffing	-	
Palo Alto Weekly	-	
Pape Machinery	-	
Albert Patino	-	
Patterson Medical Supply, Inc	-	
Pearpoint, Inc	-	
Peninsula Abstracts	-	
Peninsula Auto-RV Truck Service	-	
Peninsula Battery Inc.	-	
Peninsula Building Materials	210.17	210.17
Peninsula Corridor JPA	-	
Pacific Peninsula Group	-	
Peterson Trucks	-	
Phil Finer Refrigeration & A/C	421.71	421.71
Pier 2 Marketing	5,500.00	5,500.00
Pinnacle Products	-	
Pinpoint	-	
Pipelogix	-	
Pirtek Sfo	-	
Pitney Bowes, Inc.	-	
Pollard Water.Com	-	
Ponton Industries, Inc.	-	
Mark F. Praturlon	-	
Precise Concrete Sawing, Inc.	-	
Precise Printing and Mailing	38.85	38.85
Precision Engineering	-	
Precor Home Fitness	-	
Preferred Alliance	337.68	337.68
Principal Financial Group	4,648.51	4,648.51
Priority 1 Public Safety	-	
Progressive Business	-	
PERS Public Agency Coalition	-	
Public Employees Retirement-Medical	46,361.36	46,361.36
Public Employees Retirement	259,429.18	259,429.18
Samuel Quezada	-	
Marie Ramirez/SDU	1,642.16	1,642.16
Sergio Ramirez	556.61	556.61
R.A. Nosek Investigations	295.00	295.00
R.E.P. Nut N Bolt Guy	-	
R.S. Hughes	-	
RMC Water and Environment	31,549.90	31,549.90
Radin Co.	-	
Ranger Pipelines	297,365.20	297,365.20
RapidForms	-	
Readyrefresh By Nestle	402.24	402.24
Red Wing Shoe Store	2,444.91	2,444.91
Redwood General Tire Co., Inc.	-	
Reed & Graham, Inc.	-	
Todd Reese	-	
Re-Pipe California	-	
Restoration Management Co.	883.09	883.09
Rich Voss Trucking	-	
Ricker Machinery Company	-	
Roberts & Brune Co	3,684.57	3,684.57
Roto Rooter	-	
Rubber Flooring Inc.	-	
Santified Plumbing & Rooter	-	
Silicon Valley Clean Water	622,050.00	622,050.00
SVCW Bond - \$55 Million	645,202.72	645,202.72
SVCW Bond - \$60 Million	414,989.97	414,989.97

WEST BAY SANITARY DISTRICT

SUMMARY OF FY2017-18 PAYMENTS
(Through Withdrawal Order 07/26/2017)

	TOTAL BY VENDOR 7/1/2017-7/26/2017	WITHDRAWAL 7/26/2017
REGULAR PAYABLES		
SVCW Bond - \$70.2 Million	544,775.00	544,775.00
SVCW SRF Loan payment	-	
SBWMA	-	
SWRCB	-	
Safeguard Armor	-	
Safety Center Inc	-	
Safety-Kleen, Corp.	-	
Sage Software	-	
San Mateo County Employees	3,709.00	3,709.00
San Mateo County Assessor	305.00	305.00
SM County-CSDA	-	
San Mateo County Clerk	72.00	72.00
San Mateo County Elections	8,214.49	8,214.49
SM County Environmental Health	-	
SM County-Empl Services	-	
San Mateo Co Health Dept	-	
SM County Public Health	-	
San Mateo County	1,340.00	1,340.00
SM County Recorder	-	
San Mateo County Sheriffs Dept	-	
San Mateo County Tax Collector	-	
SM LAFCO	-	
Samtrans	-	
Rupert Sandoval	-	
Santa Clara Valley Water Dist.	-	
County of San Mateo Lafco	-	
County of Santa Clara	-	
Santa Clara County Dept of Env. Health	-	
Santa Clara Valley - CWEA	-	
Henry Santos	-	
Scelzi Enterprises, Inc.	-	
Robert J. Scheidt	-	
Schmidt/Tabacco RA	-	
Phil Scott	-	
John T. Seace, LS	-	
Secretary of State	-	
Seekzen Systems	475.00	475.00
Sequoia Automotive	-	
Shape Incorporated	-	
Siemens Industry, Inc.	-	
Simonds Machinery Co.	-	
Snap on Industrial C/O	-	
Sharp Business Systems	267.93	267.93
Sharp Electronics Corporation	-	
Shaw Pipeline Inc.	-	
Signa Mechanical	-	
John R. Simonetti	-	
SIM/TECH Filter	-	
Snap on Industrial	-	
Softmart	-	
Solarwinds	53.00	53.00
Sonsray Machinery Llc	-	
South Bay Truck & Equip.	-	
Southwest Credit	-	
Southwest Construction & Prop	-	
Spartan Tool LLC	-	
Sreco Flexible	-	
Staples Credit Plan	-	
State Board of Equalization	-	
State Water Resources Control	-	
Statewide Safety & Signs	-	
Sterngold Reimbursement Agreement Participants	-	
Stevens Creek Quarry, Inc.	548.34	548.34
The Surtec System	-	
Sutter EAP	439.46	439.46
Symantec Corporation	-	

WEST BAY SANITARY DISTRICT

SUMMARY OF FY2017-18 PAYMENTS
(Through Withdrawal Order 07/26/2017)

	TOTAL BY VENDOR 7/1/2017-7/26/2017	WITHDRAWAL 7/26/2017
REGULAR PAYABLES		
Tap Plastics Inc.	-	
Target Specialty Products	-	
Teamsters Local No. 350	1,150.00	1,150.00
Teletrac Inc.	-	
Telog Instruments, Inc.	-	
Telstar Instruments, Inc.	-	
Terminix Processing Center	-	
Test America	-	
The Concept Genie	707.03	707.03
Roy Thiele-Sardina	-	
Thomson Reuters/Barclays	-	
3T Equipment Company	-	
Tools Direct USA	-	
Toshiba Financial Services	244.69	244.69
Total Equipment	-	
Total Safety U.S., Inc.	-	
Towne Ford Sales	-	
Tractor Equipment Sales	-	
Trailer Villa	2,000.00	2,000.00
Transcom Corporation	-	
Trenchless Technology Inc.	-	
Turf & Industrial Equipment	-	
USB Memory Direct	1,212.50	1,212.50
Underground Service Alert	-	
United Rentals Northwest, Inc.	-	
University Enterprises, Inc.	-	
U.S. BANK PARS ACCT	-	
US Concrete	-	
U.S. Healthworks	107.03	107.03
U.S. Jetting, LLC.	279.54	279.54
Valley Oil Company	-	
V & A Consulting Engineers	2,032.40	2,032.40
V.W. Housen & Associates	-	
Vallen Distribution, Inc.	-	
Valley Heating & Cooling	-	
Valley Power Systems North	-	
Vanderlans & Sons, Inc.	-	
Verizon Wireless	1,366.47	1,366.47
Vision Communications Co.	667.00	667.00
Water Environment Federation	247.00	247.00
Weco Industries, Inc.	-	
Jonathan Werness	114.55	114.55
West Valley Ventures	-	
Whitley Burchett & Associates	1,179.82	1,179.82
Winzer Corporation	-	
Young's Auto Supply Center	-	
Zanker Road Landfill	-	
Zoom Imaging Solutions, Inc.	265.66	265.66
	<hr/>	<hr/>
	3,140,506.43	3,140,506.43
TOTAL REGULAR PAYABLES		
SALARIES/WAGES & W/H		
Salaries/Wages-Net Pay	163,752.23	\$163,752.23
Performance Measurement Plan	-	
Directors Fees	1,339.89	\$1,339.89
IRS - Federal Payroll Taxes	40,109.48	\$40,109.48
EDD - State Payroll Taxes	11,051.40	\$11,051.40
PrimePay	634.32	\$634.32
ICMA	11,198.75	\$11,198.75
	<hr/>	<hr/>
	\$228,086.07	\$228,086.07
TOTAL SALARIES RELATED	<hr/>	<hr/>
	3,368,592.50	3,368,592.50

WEST BAY SANITARY DISTRICT
Schedule of Cash Receipt Deposits
6/30/17 - 7/19/17

DEPOSIT DATE	RECEIPT NUMBER	DESCRIPTION	AMOUNT
6/30/17	102041	Permit - 308 Arbor Rd, MP	250.00
6/30/17	102042	Invoice 2016-063 - Sewer Service Charges for 830 Los Trancos Rd, PV	1,031.00
6/30/17	102043	Permit - 1845 Bay Laurel Dr, MP	250.00
6/30/17	102044	Permit - 1235 Santa Cruz Ave, MP	250.00
6/30/17	102045	Connection Fee - 888 Portola Rd, PV	5,779.00
6/30/17	102046	R-699 Hydrotest Permit NRD-0295	1,179.41
6/30/17	102047	Agreement, Connection Annexation & Permit Fee - 105 Santa Maria Ave, PV (J F Pomi)	107,401.00
6/30/17	102048	Permit - 86 Alejandra Ave, ATH	145.00
6/30/17	102049	Permit - 159 Los Trancos Circle, PV	250.00
6/30/17	102050	Connection Fees - 150 Jefferson Dr, MP (Sequoia Union High School District)	109,287.00
6/30/17	102051	Reimbursement, Connection, Annexation & Permit Fee - 109 Santa Maria Ave, PV (Carey Realty)	107,401.00
6/30/17	102052	2 Permits - 311 Linfield Dr, MP	395.00
6/30/17	102053	Permit - 430 Sherwood Way, MP	300.00
6/30/17	102054	Postage	0.46
7/19/17	102055	Non-Routine Discharge Permit #0309 - Project R-699, L-101	1,424.37
7/19/17	102056	Invoice 2017-028 - Sewer Maintenance Services (Town of Los Altos Hills)	16,549.30
7/19/17	102057	Permit - 440 Lemon St, MP	145.00
7/19/17	102058	CCTV Review Only - 624 Olive St, MP	80.00
7/19/17	102059	Permit - 2657 Illinois St, EPA	250.00
7/19/17	102060	Permit - 1730 Stanford Ave, MP	250.00
7/19/17	102061	Permit - 2171 Gordon Ave, MP	250.00
7/19/17	102062	Amended Non-Routine Discharge Permit #0309 - Deposit (PG&E)	24,000.00
7/19/17	102063	Permit - 81 Atherton Ave, ATH	250.00
7/19/17	102064	Permit - 99 Lane Pl, ATH	250.00
7/19/17	102065	Invoice 2017-031 - Smart Cover Unit & Install (Town of Woodside)	5,332.37
7/19/17	102066	Invoice 2016-078 - Sewer Service Charges - 19 Redberry Ridge, PV	1,312.00
7/19/17	102067	Swimming Pool Discharge Permit #0310 - 38 Suherland Dr, ATH	269.48
7/19/17	102068	Permit - 251 Dedalera Dr, MP	250.00
7/19/17	102069	Permit - 312 Fletcher Dr, ATH	250.00
7/19/17	102070	Permit - 755 Cambridge Ave, MP	250.00
7/19/17	102071	Permit - 763 Cambridge Ave, MP	250.00
7/19/17	102072	Permit - 1485 Santa Cruz Ave, MP	250.00
7/19/17	102073	Non-Routine Discharge Permit #0311 - 86 Aleandra Dr, ATH	168.25
7/19/17	102074	Class 3 Deposit & Application Fee - 1300 El Camino Real, MP	2,500.00
7/19/17	102075	Permit - 857 College Ave, MP	145.00
7/19/17	102076	Permit - 1740 Oakdell Dr, MP	145.00
7/19/17	102077	Permit - 1485 Santa Cruz Ave, MP	50.00
7/19/17	102078	Permits - 750 Sharon Park Dr, MP	395.00
7/19/17	102079	Permit - 11 Sunset Ln, MP	145.00
7/19/17	102080	Permit - 1309 San Mateo Dr, MP	250.00
7/19/17	102081	Permits - 135 & 145 Hillside Ave, MP	645.00
7/19/17	102082	Permit - 55 Irving Ave, ATH	145.00
7/19/17	102083	Invoice 2017-029 - FY2017/18 FEF usage (SVCW)	327,163.38
7/19/17	102084	Permit - 24 Greenoaks Dr, ATH	145.00
		TOTAL	<u>717,428.02</u>

Wire Transfer Receipts/Transfers

7/14/2017	Recology Solid Waste Franchise Fee	<u>7,444.91</u>
	Total Wire Receipts	<u>7,444.91</u>



WEST BAY SANITARY DISTRICT AGENDA ITEM 7C

To: Board of Directors
From: Sergio Ramirez, Operations Superintendent
Subject: WBSD Operations and Maintenance Report – June 2017

Month	Basin PM Pipe Cleaning Miles	High Freq. PM Pipe Cleaning Miles	Un-Sche. Pipe Cleaning Miles	WBS D CCTV Insp. Miles	Pipe Patch Repairs Qty.	Open Trench Repairs Qty.	Pump Sta. PM Qty.	Pump Sta. Unsch. Repairs Qty.	SSO Cat. 1	SSO Cat. 2&3s	Service Calls- Unit 208			
											Call Outs	Sch PM	Unsch. PM	USA's
January	5.8	5.4	1.8	1.9	4	5	114	0	0	0	72	8	2	149
February	5.4	6.4	0.2	2.2	0	7	93	2	1	1	80	9	3	117
March	11.7	0.0	0.3	2.5	6	6	114	1	0	0	59	6	2	200
April	12.3	3.2	0.4	1.9	1	9	95	0	0	1	38	0	1	271
May	13.9	9.5	0.4	1.8	4	11	108	0	0	0	42	5	20	292
June	16.7	0.3	0.2	1.2	3	9	120	1	0	0	34	14	2	352
* Oct.	13.2	0.0	0.5	4.0	4	10	98	0	0	2	100	13	1	248
Nov.	11.9	8.6	0.4	2.8	2	7	79	0	0	2	62	0	2	222
Dec	11.5	1.3	0.4	1.3	9	5	92	0	0	0	88	4	3	179
Yr to date	102.4	34.6	4.5	19.5	33	69	913	4	1	6	575	59	36	2030

2017 Goals	120	51	n/a	45-50	65	90	N/A	<10	0-2	4-6	N/A	N/A	N/A	N/A
2016 Results	138	49	6	33	65	94	1188	5	0	8	798	167	155	3222
2015 Results	120	55	21	46	65	90	1349	6	0	5	798	174	185	2125
2014 Results	137	63	20	48	65	78	1328	10	2	12	771	183	72	1834
2013 Results	85	90	n/a	50.1	65	78	1281	105	0	10	802	285	95	1103
2012 Results	75	90	20	49	63	76	1221	186	1	11	727	212	92	867
2011 Results	74	104	32	45	47	73	472	184	0	16	777	318	151	1469

* =Beginning of PMPP year.

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**WEST BAY SANITARY DISTRICT
AGENDA ITEM 7D**

To: Board of Directors

From: Sergio Ramirez, Operations Superintendent

Subject: Town of Los Altos Hills Operations and Maintenance Report for Work Performed by WBSD – June 2017

Month Temp Help	Basin PM Pipe Clean- ing	High Freq. PM Pipe Clean- ing	Un- Sche. Pipe Clean- ing	WBS D CCTV Insp.	Pump Sta. PM	Pump Sta. Unsch. Repairs	SSO	SSO	Service Calls
	Miles	Miles	Miles	Miles	Qty.	Qty.	Cat. 1	Cat. 2&3 s	Call Outs
January	0.6	0.9	0.0	1.5	4	1	1	0	0
February	1.4	0.5	0.0	2.4	4	0	0	0	1
March	2.7	0.5	0.0	2.1	4	0	0	0	0
April	0.6	1.3	0.0	0.3	4	0	0	0	0
May	2.4	0.0	0.0	2.4	4	0	0	0	0
June	2.8	1.8	0.0	2.6	4	0	0	0	0
July									
*August	2.3	0.0	0.0	1.8	4	0	0	0	0
Sept.	1.0	0.5	0.0	1.0	4	0	0	0	0
Oct.	0.9	1.1	0.0	1.1	4	0	0	0	0
Nov.	1.0	1.6	0.0	1.0	4	0	0	0	0
Dec	1.3	0.7	0.0	1.3	4	1	0	0	0
Yr to date	17.0	8.9	0.0	17.5	44	2	1	0	1

FY15/16Goals	25.57	tbd	n/a	17.6	52	n/a	tbd	tbd	n/a
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* Agreement commenced: FY Aug 1 through July 31.

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**WEST BAY SANITARY DISTRICT
AGENDA ITEM 7E**

To: Board of Directors

From: Phil Scott, District Manager

Subject: Consider to Ratify and Approve Report on District's Investment Portfolio Including the Transactions of Assets Described Therein as of 6-30-17

Background

On October 27, 2010 the District named Bank of the West as the District's Investment advisor and approved to invest \$5 million in available funds according to the model portfolio.

At the October 15, 2014 Board meeting the Directors discussed the District's reserve funds and directed the DM to use recent unbudgeted connection fee revenues to fund District reserves as close to the predetermined target levels as the revenues would allow. As a result, the DM transferred \$3M from the Money Market account on October 29, 2014 to the Investment Management Fund.

At the November 19, 2014 Board meeting the Directors discussed the District's reserves and further directed the DM to apply another set of unbudgeted connection fees to the reserves in an attempt to move even closer to the reserve target levels. In addition, since BOW had recently notified the District that the Money Market interest rate would be failing to match the LAIF (Local Agency Investment Fund) rate, the Board directed the DM to move the Operating Reserves to the Investment Management Fund (where we currently earn $\approx 2.18\%$). The District's Operating Fund – equivalent to 5 months operating expense – is designed to bridge the cash flow gap between tax roll receipts from the County from July to December of each year. The Board consensus was to fully fund the reserves at target levels. The Operating Reserves change each year as the budget changes and the target level was set as budgeted for the end of FY15/16.

The District's reserve funds were set as follows:

District Reserves	Target	Market Value Balance
Operating Reserves (5 mo's Op Exp)	= \$7.4M	=\$7.59M
Emergency Reserve	= \$5.0M	=\$5.28M
Capital Project Reserve	= \$3.5M	=\$3.63M
Rate Stabilization Reserve	= \$3.0M	=\$3.01M
Recycled Water Cash Flow	= \$8.0M	=\$8.03M

Analysis

The District Accountant has attached a copy of the latest monthly Investment Management Account showing income activity and market valuations as of the end of the month for all five Reserve accounts. Total Reserves market value currently ≈ \$27.54M.

Fiscal Impact

Investment yields could exceed budgeted projections for 2016-17. Current average net yield is approximately 2.18%.

Recommendation

The District Manager recommends the District Board ratify and approve the report on the District's Investment Portfolio including the transactions of assets described therein as of 6-30-17.

Attachment: Investment Management Account Reports as of June 30, 2017.

RATE STABILIZATION RESERVE

Received
JUL 07 2017
West Bay
Sanitary District

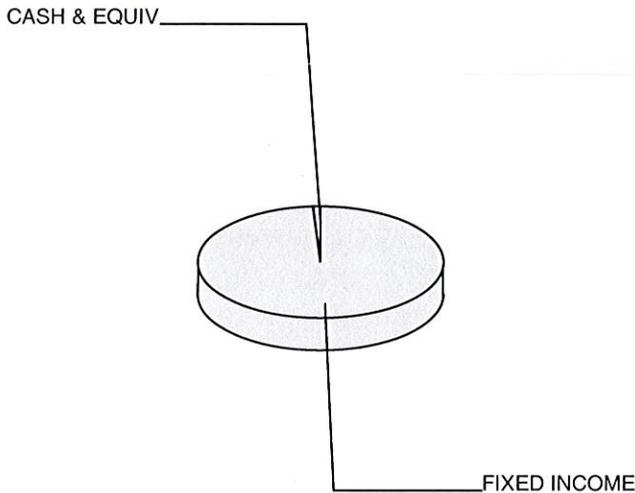
WBSD- RATE STABILIZATION RESERVE

Account Number:
Statement Period: 04/01/17 - 06/30/17

WEST BAY SANITARY DISTRICT
RATE STABILIZATION RESERVE
500 LAUREL STREET
MENLO PARK CA 94025

Administrator
Chuen Ying Lee
(408) 645-3234
Investment
Michael D. Smith
(408) 490-2079

Asset Allocation



Asset Valuation

Description	Market Value	% of Account
Cash & Equiv	33,011.85	1.1%
Fixed Income	2,948,591.03	98.9%
Total Portfolio	\$ 2,981,602.88	100.0%
Accrued Income	35,301.06	
Total Valuation	\$ 3,016,903.94	

Market Reconciliation

	Current Period	Year To Date
Beginning Market Value	\$ 3,003,592.06	\$ 2,980,052.51
Income		
Interest.....	4,884.22	49,354.07
Purchased Income.....	-5.34	-5.34
Disbursements.....	-1,333.85	-2,714.85
Realized Gains/(Losses).....	-122.83	-249.52
Change In Accrued Income.....	19,851.17	40.26
Change In Market Appreciation/(Depreciation).....	-9,250.99	21,717.86
Non-Cash Asset Changes.....	-710.50	-31,291.05
Ending Market Value	\$ 3,016,903.94	\$ 3,016,903.94

WBSD- RATE STABILIZATION RESERVE

 Account Number:
 Statement Period:

04/01/17 - 06/30/17

Asset Position As of 06/30/17

Asset Description	Units	Market Value Cost	Est. Annual Income Accruals	Current Yield
Cash Equivalents				
Bank of The West Advantage Acct	33,011.850	33,011.85 33,011.85	287.00 19.75	0.87%
Total Cash Equivalents		\$ 33,011.85 \$ 33,011.85	287.00 19.75	0.87%
Fixed Income				
Arizona Brd Regents Ctfs Partn Ref Cops 2015b Taxable 1.62% Dtd 05/12/2015 Due 06/01/2019 Callable	100,000.000	99,243.00 100,235.00	1,620.00 135.00	1.63%
Federal Home Loan Bks Cons Bds 4.50% Dtd 08/12/2009 Due 09/13/2019 Non-Callable	100,000.000	106,455.00 107,538.00	4,500.00 1,350.00	4.23%
Federal Home Loan Bks Cons Bds 2.00% Dtd 08/12/2013 Due 09/13/2019 Non-Callable	40,000.000	40,446.40 40,823.20	800.00 239.99	1.98%
Federal Home Ln Mtg Corp Step Cpn Dtd 08/25/2016 Due 08/25/2021 Callable	60,000.000	59,082.60 60,000.00	750.00 262.49	1.27%
Federal Home Ln Mtg Corp 1.50% Dtd 09/30/2016 Due 03/30/2021 Callable	90,000.000	88,612.20 90,000.00	1,350.00 341.25	1.52%
Federal Home Ln Mtg Corp 1.75% Dtd 12/30/2016 Due 12/30/2020 Callable	40,000.000	39,825.20 40,000.00	700.00 1.94	1.76%
Federal Home Ln Mtg Corp 1.60% Dtd 05/15/2017 Due 05/15/2020 Callable	40,000.000	39,843.60 40,000.00	640.00 81.78	1.61%
Federal Natl Mtg Assn Gtd Passthru CTF Pool #466395 3.410% Dtd 11/01/2010 Due 11/01/2020 IPD24	227,577.700	237,035.83 243,792.61	7,760.00 646.70	3.27%
Federal Natl Mtg Assn Gtd Passthru CTF Pool #466584 3.470% Dtd 11/01/2010 Due 11/01/2020 IPD24	71,144.610	74,400.90 76,391.52	2,468.00 205.72	3.32%
Florida St Brd Admin Fin Corp Rev Bds 2016a Taxable 2.163% Dtd 03/08/2016 Due 07/01/2019 Callable	40,000.000	40,226.80 40,866.00	865.00 432.59	2.15%

WBSD- RATE STABILIZATION RESERVE

 Account Number:
 Statement Period:

04/01/17 - 06/30/17

Asset Position As of 06/30/17

Asset Description	Units	Market Value Cost	Est. Annual Income Accruals	Current Yield
Silicon Vy Clean Wtr Calif Was Rev Bds 2.00% Dtd 11/24/2015 Due 08/01/2017 Non-Callable --- 475,000 Restricted ---	475,000.000	475,399.00 478,600.50	9,500.00 3,958.33	2.00%
Silicon Vy Clean Wtr Calif Was Rev Bds 4.00% Dtd 11/24/2015 Due 08/01/2018 Non-Callable --- 500,000 Restricted ---	500,000.000	516,565.00 524,500.00	20,000.00 8,333.33	3.87%
Silicon Vy Clean Wtr Calif Was Rev Bds 4.00% Dtd 11/24/2015 Due 08/01/2019 Non-Callable --- 335,000 Restricted ---	335,000.000	355,033.00 360,614.10	13,400.00 5,583.33	3.77%
Silicon Vy Clean Wtr Calif Was Rev Bds 5.00% Dtd 11/24/2015 Due 08/01/2020 Non-Callable --- 650,000 Restricted ---	650,000.000	724,002.50 736,342.00	32,500.00 13,541.66	4.49%
Skagit Cnty Wash Sch Dist No 1 GO Bds 2011b Taxable 4.013% Dtd 06/01/2011 Due 12/01/2019 Non-Callable	50,000.000	52,420.00 53,326.00	2,006.00 167.20	3.83%
Total Fixed Income		\$ 2,948,591.03 \$ 2,993,028.93	98,859.00 35,281.31	3.35%
Cash				
Principal Cash		0.00 0.00	0.00	0.00%
Income Cash		0.00 0.00	0.00	0.00%
Total Cash		\$ 0.00 \$ 0.00	0.00 0.00	0.00%
Total Market Value		\$ 2,981,602.88 \$ 3,026,040.78	99,146.00 35,301.06	3.33%
Total Market Value Plus Accruals		\$ 3,016,903.94		

WBSD- RATE STABILIZATION RESERVE

 Account Number:
 Statement Period:

04/01/17 - 06/30/17

Income Activity			
	Date	Income Cash	Principal Cash
Interest Income			
Bank of The West Advantage Acct			
Int To 03/31/17	04/03/17		29.30
Int To 04/30/17	05/01/17		37.22
Int To 05/31/17	06/01/17		30.34
Arizona Brd Regents Ctfs Partn Ref			
Cops 2015b Taxable 1.62% Dtd			
05/12/2015 Due 06/01/2019 Callable			
Int To 06/01/17 on 100,000	06/01/17		810.00
Federal Home Ln Mtg Corp			
1.75% Dtd 12/30/2016 Due 12/30/2020			
Callable			
Int 12/30/16 To 06/30/17 on 40000	06/30/17		350.00
Federal Natl Mtg Assn Gtd Passthru			
CTF Pool #466395 3.410% Dtd			
11/01/2010 Due 11/01/2020 IPD24			
Int For March 2017 on 228904.40	04/25/17		672.16
Int For April 2017 on 228472.92	05/25/17		649.24
Int For May 2017 on 228012.49	06/26/17		669.54
Federal Natl Mtg Assn Gtd Passthru			
CTF Pool #466584 3.470% Dtd			
11/01/2010 Due 11/01/2020 IPD24			
Int For March 2017 on 71528.33	04/25/17		213.73
Int For April 2017 on 71404.12	05/25/17		206.48
Int For May 2017 on 71269.89	06/26/17		212.96
Skagit Cnty Wash Sch Dist No 1 GO			
Bds 2011b Taxable 4.013% Dtd			
06/01/2011 Due 12/01/2019			
Non-Callable			
Int To 06/01/17 on 50,000	06/01/17		1,003.25
Total Interest Income		\$ 0.00	\$ 4,884.22
Purchased Income			
Federal Home Ln Mtg Corp			
1.60% Dtd 05/15/2017 Due 05/15/2020			
Callable			
Accrued Int To 05/18/17 Paid on	05/18/17		-5.34
Purchase of 40,000			
Total Purchased Income		\$ 0.00	\$ -5.34
Total Income		\$ 0.00	\$ 4,878.88

WBSD- RATE STABILIZATION RESERVE

 Account Number:
 Statement Period:

04/01/17 - 06/30/17

Disbursement Activity

	Date	Income Cash	Principal Cash
Fees/Expenses			
Monthly Fee To 03/31/17	04/14/17		-444.65
Monthly Fee To 04/30/17	05/15/17		-444.58
Monthly Fee To 05/31/17	06/15/17		-444.62
Total Fees/Expenses		\$ 0.00	\$ -1,333.85
Total Disbursements		\$ 0.00	\$ -1,333.85

Purchase Activity

	Date	Income Cash	Principal Cash
Bank of The West Advantage Acct Purchases (7) 04/01/17 To 06/30/17	06/30/17		-6,594.64
Federal Home Ln Mtg Corp 1.60% Dtd 05/15/2017 Due 05/15/2020 Callable Purchased 40000 05/17/17 From BOK Financial Securities, Inc. @ 100	05/18/17		-40,000.00
Total Purchases		\$ 0.00	\$ -46,594.64

Sale Activity

	Date	Proceeds	Realized Gain/Loss
Bank of The West Advantage Acct Sales (4) 04/01/17 To 06/30/17	06/30/17	41,339.19	
Federal Natl Mtg Assn Gtd Passthru CTF Pool #466395 3.410% Dtd 11/01/2010 Due 11/01/2020 IPD24			
Prin Pmt For March 2017	04/25/17	431.48	-30.74
Prin Pmt For April 2017	05/25/17	460.43	-32.81
Prin Pmt For May 2017	06/26/17	434.79	-30.98

WBSD- RATE STABILIZATION RESERVE

 Account Number:
 Statement Period:

04/01/17 - 06/30/17

Sale Activity

	Date	Proceeds	Realized Gain/Loss
Federal Natl Mtg Assn Gtd Passthru CTF Pool #466584 3.470% Dtd 11/01/2010 Due 11/01/2020 IPD24			
Prin Pmt For March 2017	04/25/17	124.21	-9.16
Prin Pmt For April 2017	05/25/17	134.23	-9.90
Prin Pmt For May 2017	06/26/17	125.28	-9.24
Total Sales		\$ 43,049.61	\$ -122.83

Non-Cash Activity

	Date	Cost
Arizona Brd Regents Ctfs Partn Ref Cops 2015b Taxable 1.62% Dtd 05/12/2015 Due 06/01/2019 Callable		
Amortization of Premium	06/01/17	-58.00
Skagit Cnty Wash Sch Dist No 1 GO Bds 2011b Taxable 4.013% Dtd 06/01/2011 Due 12/01/2019 Non-Callable		
Amortization of Premium	06/01/17	-652.50
Total Non-Cash Transactions		\$ -710.50

SECURITY PRICES CONTAINED IN THIS STATEMENT ARE OBTAINED FROM THE MOST RELIABLE SOURCES AVAILABLE BUT ARE NOT GUARANTEED BY BANK OF THE WEST. QUOTED PRICES MAY NOT EQUAL ACTUAL PRICES BECAUSE OF SECURITY SIZE, MARKET PRICE, TERM AND DEMAND.

CAPITAL PROJECT RESERVE

Received
JUL 07 2017
West Bay
Sanitary District

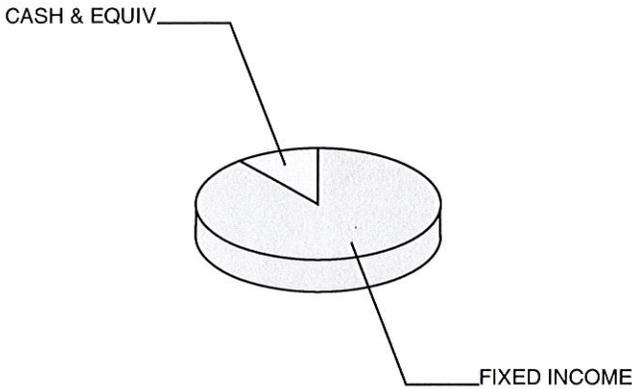
WBSD - CAPITAL PROJECT RESERVE

Account Number: **04/01/17 - 06/30/17**

WEST BAY SANITARY DISTRICT
ATTN: PHILLIP L. SCOTT
500 LAUREL STREET
MENLO PARK CA 94025

Administrator
Chuen Ying Lee
(408) 645-3234
Investment
Michael D. Smith
(408) 490-2079

Asset Allocation



Asset Valuation

Description	Market Value	% of Account
Cash & Equiv	401,268.11	11.1%
Fixed Income	3,216,113.80	88.9%
Total Portfolio	\$ 3,617,381.91	100.0%
Accrued Income	14,858.11	
Total Valuation	\$ 3,632,240.02	

Market Reconciliation

	Current Period	Year To Date
Beginning Market Value	\$ 3,617,771.70	\$ 3,607,544.30
Income		
Interest.....	31,886.32	56,773.59
Purchased Income.....	-36.45	-373.95
Disbursements.....	-1,607.61	-3,279.99
Realized Gains/(Losses).....	-3,916.54	-6,806.61
Change In Accrued Income.....	-6,032.27	-3,825.92
Change In Market Appreciation/(Depreciation).....	7,146.14	3,153.94
Non-Cash Asset Changes.....	-12,971.27	-20,945.34
Ending Market Value	\$ 3,632,240.02	\$ 3,632,240.02

WBSD - CAPITAL PROJECT RESERVE

 Account Number:
 Statement Period:

04/01/17 - 06/30/17

Asset Position As of 06/30/17

Asset Description	Units	Market Value Cost	Est. Annual Income Accruals	Current Yield
Cash Equivalents				
Bank of The West Advantage Acct	401,268.110	401,268.11 401,268.11	3,491.00 109.40	0.87%
Total Cash Equivalents		\$ 401,268.11 \$ 401,268.11	3,491.00 109.40	0.87%
Fixed Income				
AT&T Inc Gbl Nt 5.60% Dtd 05/13/2008 Due 05/15/2018 Callable	175,000.000	180,663.00 181,984.25	9,800.00 1,252.22	5.42%
Alta Loma Calif Sch Dist Ser A Zero Cpn Dtd 07/22/1999 Due 08/01/2017 Non-Callable	35,000.000	34,972.35 34,938.61	0.00	0.00%
Federal Home Loan Bks Cons Bds Step Cpn Dtd 04/27/2017 Due 04/27/2022 Callable	50,000.000	49,934.00 49,887.50	625.00 111.10	1.25%
Federal Home Loan Bks Cons Bds 2.375% Dtd 12/30/2013 Due 12/13/2019 Non-Callable	50,000.000	51,070.50 51,535.00	1,187.00 59.37	2.33%
Federal Farm Cr Bks Cons Systemwide Bds 1.95% Dtd 09/17/2013 Due 09/17/2018 Non-Callable	100,000.000	100,606.00 101,440.00	1,950.00 563.33	1.94%
Federal Farm Cr Bks Cons Systemwide Bds 1.00% Dtd 01/22/2015 Due 01/22/2018 Non-Callable	50,000.000	49,953.50 50,002.00	500.00 220.83	1.00%
Federal Farm Cr Bks Cons Systemwide Bds 2.19% Dtd 04/05/2017 Due 10/05/2021 Callable	120,000.000	120,000.00 120,000.00	2,628.00 627.80	2.19%
Federal Farm Cr Bks Cons Systemwide Bds 2.24% Dtd 04/05/2017 Due 01/05/2022 Callable	120,000.000	119,586.00 120,000.00	2,688.00 642.13	2.25%
Federal Farm Cr Bks Cons Systemwide Bds 2.03% Dtd 04/19/2017 Due 07/19/2021 Callable	60,000.000	59,690.40 60,000.00	1,218.00 243.59	2.04%
Federal Home Loan Bks Cons Bds 5.375% Dtd 12/02/2002 Due 11/15/2017 Non-Callable	200,000.000	203,078.00 204,420.00	10,750.00 1,373.61	5.29%

WBSD - CAPITAL PROJECT RESERVE

 Account Number:
 Statement Period:

04/01/17 - 06/30/17

Asset Position As of 06/30/17

Asset Description	Units	Market Value Cost	Est. Annual Income Accruals	Current Yield
Federal Home Loan Bks Cons Bds 4.625% Dtd 05/25/2005 Due 06/12/2020 Non-Callable	50,000.000	54,291.00 54,483.50	2,312.00 122.04	4.26%
Federal Home Loan Bks Cons Bds 4.50% Dtd 08/12/2009 Due 09/13/2019 Non-Callable	100,000.000	106,455.00 108,206.00	4,500.00 1,350.00	4.23%
Federal Home Loan Bks Cons Bds 4.125% Dtd 11/13/2009 Due 12/13/2019 Non-Callable	100,000.000	106,190.00 106,480.00	4,125.00 206.24	3.88%
Federal Farm Cr Bks Cons Systemwide Bds 4.75% Dtd 09/21/2005 Due 09/21/2020 Non-Callable	125,000.000	135,748.75 139,303.75	5,937.00 1,649.30	4.37%
Federal Home Loan Bks Cons Bds 2.875% Dtd 08/27/2010 Due 09/11/2020 Non-Callable	100,000.000	103,681.00 104,856.00	2,875.00 878.47	2.77%
Federal Home Loan Bks Cons Bds 3.125% Dtd 12/30/2010 Due 12/08/2017 Non-Callable	200,000.000	201,670.00 202,212.00	6,250.00 399.30	3.10%
Federal Home Loan Bks Cons Bds 1.33% Dtd 06/07/2012 Due 09/20/2018 Non-Callable	100,000.000	99,890.00 100,475.00	1,330.00 373.13	1.33%
Federal Home Ln Mtg Corp 1.50% Dtd 09/30/2016 Due 03/30/2021 Callable	50,000.000	49,229.00 50,000.00	750.00 189.58	1.52%
Federal Home Ln Mtg Corp 1.75% Dtd 12/30/2016 Due 12/30/2020 Callable	180,000.000	179,213.40 180,000.00	3,150.00 8.75	1.76%
Federal Natl Mtg Assn 1.50% Dtd 04/27/2015 Due 06/22/2020 Non-Callable	40,000.000	39,919.60 40,504.00	600.00 15.00	1.50%
Federal Natl Mtg Assn 1.50% Dtd 10/19/2015 Due 11/30/2020 Non-Callable	40,000.000	39,774.00 40,415.20	600.00 51.66	1.51%
Federal Natl Mtg Assn 1.875% Dtd 11/16/2015 Due 12/28/2020 Non-Callable	100,000.000	100,620.00 102,196.00	1,875.00 15.62	1.86%
Federal Natl Mtg Assn 1.55% Dtd 08/28/2012 Due 08/28/2019 Callable	100,000.000	100,112.00 100,915.00	1,550.00 529.58	1.55%

WBSD - CAPITAL PROJECT RESERVE

 Account Number:
 Statement Period:

04/01/17 - 06/30/17

Asset Position As of 06/30/17

Asset Description	Units	Market Value Cost	Est. Annual Income Accruals	Current Yield
Federal Natl Mtg Assn 1.80% Dtd 11/30/2016 Due 05/26/2021 Callable	120,000.000	119,180.40 120,000.00	2,160.00 210.00	1.81%
Federal Natl Mtg Assn Gtd Passthru CTF Pool #386765 5.420% Dtd 01/01/2004 Due 01/01/2019 IPD24	125,573.720	129,369.81 137,738.68	6,806.00 567.17	5.26%
Federal Natl Mtg Assn Gtd Passthru CTF Pool #466395 3.410% Dtd 11/01/2010 Due 11/01/2020 IPD24	49,043.670	51,081.92 52,538.02	1,672.00 139.36	3.27%
Federal Natl Mtg Assn Gtd Passthru CTF Pool #470344 2.740% Dtd 02/01/2012 Due 01/01/2019 IPD24	227,771.910	230,721.56 236,740.42	6,240.00 520.07	2.70%
Federal Natl Mtg Assn Gtd Passthru CTF Pool #650209 5.000% Dtd 02/01/2003 Due 02/01/2018 IPD24	18,110.000	18,545.36 18,823.08	905.00 75.45	4.88%
Federal Natl Mtg Assn Gtd REMIC Passthru Tr REMIC Tr Ser 2009 M1 CI A2 4.287% Dtd 10/01/2009 Due 07/25/2019 IPD24	49,388.810	51,080.23 52,907.79	2,117.00 176.44	4.15%
Federal Natl Mtg Assn Gtd Passthru CTF Pool #797828 5.000% Dtd 04/01/2005 Due 04/01/2020 IPD24	26,248.250	27,086.88 27,708.31	1,312.00 109.36	4.85%
Small Business Admin Gtd Ln Pool Ctfs 6.60% Dtd 11/12/1997 Due 11/01/2017	2,091.060	2,105.17 2,559.39	138.00 82.11	6.56%
Small Business Admin Gtd Ln Pool Ctfs 6.55% Dtd 12/17/1997 Due 12/01/2017	796.250	801.18 994.98	52.00 21.42	6.51%
Small Business Admin Gtd Ln Pool Ctfs 6.30% Dtd 05/13/1998 Due 05/01/2018	4,685.470	4,744.27 6,537.45	295.00 156.16	6.22%
Small Business Admin Gtd Ln Pool Ctfs 6.00% Dtd 09/16/1998 Due 09/01/2018 Callable	6,223.340	6,284.45 8,575.67	373.00 200.32	5.94%
Small Business Admin Gtd Dev Partn CTF 2007 10d Partn CTF 5.59% Dtd 07/11/2007 Due 07/01/2017	1,824.900	1,825.23 1,872.81	102.00 67.16	5.59%

WBSD - CAPITAL PROJECT RESERVE

 Account Number:
 Statement Period:

04/01/17 - 06/30/17

Asset Position As of 06/30/17

Asset Description	Units	Market Value Cost	Est. Annual Income Accruals	Current Yield
Small Business Admin Gtd Ln Pool Ctfs 4.58% Dtd 03/12/2008 Due 03/01/2018	5,564.060	5,616.20 5,811.71	254.00 107.15	4.54%
Small Business Admin Gtd Ln Pool Ctfs #508468 Prime -0.175 Adj Quarterly Dtd 06/01/2008 Due 04/25/2020	118,739.710	120,829.53 123,860.34	3,651.00 116.07	3.02%
Small Business Admin Gtd Ln Pool Ctfs 5.788% Dtd 08/22/2007 Due 08/10/2017	851.960	856.06 905.30	49.00 56.94	5.76%
Small Business Admin Gtd Ln Pool Ctfs 5.902% Dtd 02/27/2008 Due 02/01/2018	8,745.823	8,959.75 10,886.01	516.00 143.38	5.76%
Sumitomo Mitsui Banking Corp Sr Bd 2.50% Dtd 07/19/2013 Due 07/19/2018 Non-Callable	90,000.000	90,666.90 90,737.10	2,250.00 1,012.50	2.48%
Whatcom Cnty Wash Pub Util Dis LTD GO Ref Bds Taxable 2.10% Dtd 06/05/2012 Due 12/01/2018 Non-Callable	60,000.000	60,011.40 60,088.20	1,260.00 105.00	2.10%
Total Fixed Income		\$ 3,216,113.80 \$ 3,263,539.07	97,352.00 14,748.71	3.03%
Cash				
Principal Cash		0.00 0.00	0.00	0.00%
Income Cash		0.00 0.00	0.00	0.00%
Total Cash		\$ 0.00 \$ 0.00	0.00 0.00	0.00%
Total Market Value		\$ 3,617,381.91 \$ 3,664,807.18	100,843.00 14,858.11	2.79%
Total Market Value Plus Accruals		\$ 3,632,240.02		

WBSD - CAPITAL PROJECT RESERVE

 Account Number:
 Statement Period:

04/01/17 - 06/30/17

Income Activity			
	Date	Income Cash	Principal Cash
Interest Income			
Bank of The West Advantage Acct			
Int To 03/31/17	04/03/17		151.32
Int To 04/30/17	05/01/17		65.11
Int To 05/31/17	06/01/17		35.36
AT&T Inc Gbl Nt			
5.60% Dtd 05/13/2008 Due 05/15/2018			
Callable			
Int To 05/15/17 on 175,000	05/15/17		4,900.00
Federal Home Loan Bks Cons Bds			
2.25% Dtd 12/30/2016 Due 12/30/2021			
Callable			
Int 12/30/16 To 06/30/17 on 180000	06/30/17		2,025.00
Federal Home Loan Bks Cons Bds			
2.375% Dtd 12/30/2013 Due 12/13/2019			
Non-Callable			
Int To 06/13/17 on 50,000	06/13/17		593.75
Federal Home Loan Bks Cons Bds			
5.375% Dtd 12/02/2002 Due 11/15/2017			
Non-Callable			
Int To 05/15/17 on 200,000	05/15/17		5,375.00
Federal Home Loan Bks Cons Bds			
4.625% Dtd 05/25/2005 Due 06/12/2020			
Non-Callable			
Int To 06/12/17 on 50,000	06/12/17		1,156.25
Federal Home Loan Bks Cons Bds			
4.125% Dtd 11/13/2009 Due 12/13/2019			
Non-Callable			
Int To 06/13/17 on 100,000	06/13/17		2,062.50
Federal Home Loan Bks Cons Bds			
3.125% Dtd 12/30/2010 Due 12/08/2017			
Non-Callable			
Int To 06/08/17 on 200,000	06/08/17		3,125.00
Federal Home Loan Bks Cons Bds			
1.125% Dtd 07/03/2013 Due 06/09/2017			
Non-Callable			
Int To 06/09/17 on 150,000	06/09/17		843.75
Federal Home Ln Mtg Corp			
1.75% Dtd 12/30/2016 Due 12/30/2020			
Callable			
Int 12/30/16 To 06/30/17 on 180000	06/30/17		1,575.00

WBSD - CAPITAL PROJECT RESERVE

 Account Number:
 Statement Period:

04/01/17 - 06/30/17

Income Activity			
	Date	Income Cash	Principal Cash
Federal Natl Mtg Assn 1.50% Dtd 04/27/2015 Due 06/22/2020 Non-Callable Int To 06/22/17 on 40,000	06/22/17		300.00
Federal Natl Mtg Assn 1.50% Dtd 10/19/2015 Due 11/30/2020 Non-Callable Int To 05/30/17 on 40,000	05/30/17		300.00
Federal Natl Mtg Assn 1.875% Dtd 11/16/2015 Due 12/28/2020 Non-Callable Int To 06/28/17 on 100,000	06/28/17		937.50
Federal Natl Mtg Assn 1.80% Dtd 11/30/2016 Due 05/26/2021 Callable Int 11/30/16 To 05/26/17 on 120000	05/26/17		1,056.00
Federal Natl Mtg Assn Gtd Passthru CTF Pool #386765 5.420% Dtd 01/01/2004 Due 01/01/2019 IPD24 Int For March 2017 on 126669.88 Int For April 2017 on 126306.32 Int For May 2017 on 125940.94	04/25/17 05/25/17 06/26/17		572.13 570.48 568.83
Federal Natl Mtg Assn Gtd Passthru CTF Pool #466395 3.410% Dtd 11/01/2010 Due 11/01/2020 IPD24 Int For March 2017 on 49329.57 Int For April 2017 on 49236.59 Int For May 2017 on 49137.37	04/25/17 05/25/17 06/26/17		144.85 139.91 144.29
Federal Natl Mtg Assn Gtd Passthru CTF Pool #470344 2.740% Dtd 02/01/2012 Due 01/01/2019 IPD24 Int For March 2017 on 228922.44 Int For April 2017 on 228550.40 Int For May 2017 on 228147.08	04/25/17 05/25/17 06/26/17		540.13 521.86 538.30
Federal Natl Mtg Assn Gtd Passthru CTF Pool #650209 5.000% Dtd 02/01/2003 Due 02/01/2018 IPD24 Int For March 2017 on 28802.35 Int For April 2017 on 24923.50 Int For May 2017 on 20998.10	04/25/17 05/25/17 06/26/17		120.01 103.85 87.49

WBSD - CAPITAL PROJECT RESERVE

 Account Number:
 Statement Period: **04/01/17 - 06/30/17**

Income Activity			
	Date	Income Cash	Principal Cash
Federal Natl Mtg Assn Gtd REMIC Passthru Tr REMIC Tr Ser 2009 M1 CI A2 4.287% Dtd 10/01/2009 Due 07/25/2019 IPD24			
Int To 04/01/17 on 49812.52	04/25/17		177.96
Int To 05/01/17 on 49735.37	05/25/17		177.68
Prepayment Penalty	05/25/17		3.23
Int To 06/01/17 on 49466.48	06/26/17		176.72
Federal Natl Mtg Assn Gtd Passthru CTF Pool #797828 5.000% Dtd 04/01/2005 Due 04/01/2020 IPD24			
Int For March 2017 on 30821.33	04/25/17		128.42
Int For April 2017 on 28271.87	05/25/17		117.80
Int For May 2017 on 27251.81	06/26/17		113.55
Small Business Admin Gtd Ln Pool Ctfs 7.50% Dtd 04/16/1997 Due 04/01/2017			
Int To 04/01/17 on 316.08	04/03/17		11.85
Small Business Admin Gtd Ln Pool Ctfs 6.60% Dtd 11/12/1997 Due 11/01/2017			
Int To 04/15/17 on 4565.82	05/01/17		150.67
Small Business Admin Gtd Ln Pool Ctfs 6.55% Dtd 12/17/1997 Due 12/01/2017			
Int To 05/16/17 on 1598.08	06/01/17		52.34
Small Business Admin Gtd Ln Pool Ctfs 6.30% Dtd 05/13/1998 Due 05/01/2018			
Int To 04/15/17 on 7667.16	05/01/17		241.52
Small Business Admin Gtd Ln Pool Ctfs #501913 Prime -1.875 Adj Quarterly Dtd 07/01/1992 Due 09/25/2017			
Int To 03/01/17 on 1193.08	04/25/17		1.86
Small Business Admin Gtd Ln Pool Ctfs #508468 Prime -0.175 Adj Quarterly Dtd 06/01/2008 Due 04/25/2020			
Int To 03/01/17 on 129351.31	04/25/17		385.36
Int To 04/01/17 on 125344.87	05/25/17		373.43
Int To 04/29/17 on 122041.27	06/26/17		389.02

WBSD - CAPITAL PROJECT RESERVE

Account Number: _____
 Statement Period: 04/01/17 - 06/30/17

Income Activity			
	Date	Income Cash	Principal Cash
Small Business Admin Gtd Ln Pool Ctfs 5.788% Dtd 08/22/2007 Due 08/10/2017 Int To 05/01/17 on 3553.67	05/10/17		50.15
Small Business Admin Gtd Ln Pool Ctfs 5.902% Dtd 02/27/2008 Due 02/01/2018 Int To 05/01/17 on 10496	05/10/17		151.09
Whatcom Cnty Wash Pub Util Dis LTD GO Ref Bds Taxable 2.10% Dtd 06/05/2012 Due 12/01/2018 Non-Callable Int To 06/01/17 on 60,000	06/01/17		630.00
Total Interest Income		\$ 0.00	\$ 31,886.32
Purchased Income			
Federal Home Loan Bks Cons Bds Step Cpn Dtd 04/27/2017 Due 04/27/2022 Callable Accrued Int To 05/18/17 Paid on Purchase of 50,000	05/18/17		-36.45
Total Purchased Income		\$ 0.00	\$ -36.45
Total Income		\$ 0.00	\$ 31,849.87

Disbursement Activity			
	Date	Income Cash	Principal Cash
Fees/Expenses			
Monthly Fee To 03/31/17	04/14/17		-535.24
Monthly Fee To 04/30/17	05/15/17		-535.37
Monthly Fee To 05/31/17	06/15/17		-537.00
Total Fees/Expenses		\$ 0.00	\$ -1,607.61
Total Disbursements		\$ 0.00	\$ -1,607.61

WBSD - CAPITAL PROJECT RESERVE

 Account Number:
 Statement Period: 04/01/17 - 06/30/17

Purchase Activity

	Date	Income Cash	Principal Cash
Bank of The West Advantage Acct Purchases (17) 04/01/17 To 06/30/17	06/30/17		-402,938.98
Federal Home Loan Bks Cons Bds Step Cpn Dtd 04/27/2017 Due 04/27/2022 Callable Purchased 50000 05/17/17 From BOK Financial Securities, Inc. @ 99.775	05/18/17		-49,887.50
Federal Farm Cr Bks Cons Systemwide Bds 2.19% Dtd 04/05/2017 Due 10/05/2021 Callable Purchased 120000 03/29/17 From D A Davidson & Co @ 100	04/05/17		-120,000.00
Federal Farm Cr Bks Cons Systemwide Bds 2.24% Dtd 04/05/2017 Due 01/05/2022 Callable Purchased 120000 03/29/17 From D A Davidson & Co @ 100	04/05/17		-120,000.00
Federal Farm Cr Bks Cons Systemwide Bds 2.03% Dtd 04/19/2017 Due 07/19/2021 Callable Purchased 60000 04/17/17 From BOK Financial Securities, Inc. @ 100	04/19/17		-60,000.00
Total Purchases		\$ 0.00	\$ -752,826.48

Sale Activity

	Date	Proceeds	Realized Gain/Loss
Bank of The West Advantage Acct Sales (6) 04/01/17 To 06/30/17	06/30/17	351,531.56	
Federal Home Loan Bks Cons Bds 2.25% Dtd 12/30/2016 Due 12/30/2021 Callable Full Call @ 100 on 06/30/17 180,000 Par Value	06/30/17	180,000.00	
Federal Home Loan Bks Cons Bds 1.125% Dtd 07/03/2013 Due 06/09/2017 Non-Callable Recd Proceeds on Maturity of 150,000 Par Value	06/09/17	150,000.00	

WBSD - CAPITAL PROJECT RESERVE

 Account Number:
 Statement Period:

04/01/17 - 06/30/17

Sale Activity

	Date	Proceeds	Realized Gain/Loss
Federal Natl Mtg Assn Gtd Passthru CTF Pool #386765 5.420% Dtd 01/01/2004 Due 01/01/2019 IPD24			
Prin Pmt For March 2017	04/25/17	363.56	-35.22
Prin Pmt For April 2017	05/25/17	365.38	-35.40
Prin Pmt For May 2017	06/26/17	367.22	-35.57
Federal Natl Mtg Assn Gtd Passthru CTF Pool #466395 3.410% Dtd 11/01/2010 Due 11/01/2020 IPD24			
Prin Pmt For March 2017	04/25/17	92.98	-6.62
Prin Pmt For April 2017	05/25/17	99.22	-7.07
Prin Pmt For May 2017	06/26/17	93.70	-6.68
Federal Natl Mtg Assn Gtd Passthru CTF Pool #470344 2.740% Dtd 02/01/2012 Due 01/01/2019 IPD24			
Prin Pmt For March 2017	04/25/17	372.04	-14.65
Prin Pmt For April 2017	05/25/17	403.32	-15.88
Prin Pmt For May 2017	06/26/17	375.17	-14.77
Federal Natl Mtg Assn Gtd Passthru CTF Pool #650209 5.000% Dtd 02/01/2003 Due 02/01/2018 IPD24			
Prin Pmt For March 2017	04/25/17	3,878.85	-152.73
Prin Pmt For April 2017	05/25/17	3,925.40	-154.56
Prin Pmt For May 2017	06/26/17	2,888.10	-113.72
Federal Natl Mtg Assn Gtd REMIC Passthru Tr REMIC Tr Ser 2009 M1 CI A2 4.287% Dtd 10/01/2009 Due 07/25/2019 IPD24			
Prin Pmt For 04/01/17	04/25/17	77.15	-5.50
Prin Pmt For 05/01/17	05/25/17	268.89	-19.16
Prin Pmt For 06/01/17	06/26/17	77.67	-5.53
Federal Natl Mtg Assn Gtd Passthru CTF Pool #797828 5.000% Dtd 04/01/2005 Due 04/01/2020 IPD24			
Prin Pmt For March 2017	04/25/17	2,549.46	-141.81
Prin Pmt For April 2017	05/25/17	1,020.06	-56.74
Prin Pmt For May 2017	06/26/17	1,003.56	-55.82
Small Business Admin Gtd Ln Pool Ctfs 7.50% Dtd 04/16/1997 Due 04/01/2017			
Recd Proceeds on Final Paydown of 316.080 Par Value	04/03/17	316.08	-59.63

WBSD - CAPITAL PROJECT RESERVE

Account Number:
Statement Period: 04/01/17 - 06/30/17

Sale Activity

	Date	Proceeds	Realized Gain/Loss
Small Business Admin Gtd Ln Pool Ctfs 6.60% Dtd 11/12/1997 Due 11/01/2017 Prin Pmt For 04/15/17	05/01/17	2,474.76	-554.27
Small Business Admin Gtd Ln Pool Ctfs 6.55% Dtd 12/17/1997 Due 12/01/2017 Prin Pmt For 05/16/17	06/01/17	801.83	-200.12
Small Business Admin Gtd Ln Pool Ctfs 6.30% Dtd 05/13/1998 Due 05/01/2018 Prin Pmt For 04/15/17	05/01/17	2,981.69	-1,178.54
Small Business Admin Gtd Ln Pool Ctfs #501913 Prime -1.875 Adj Quarterly Dtd 07/01/1992 Due 09/25/2017 Recd Proceeds on Final Paydown of 1,193.080 Par Value	04/25/17	1,193.08	8.53
Small Business Admin Gtd Ln Pool Ctfs #508468 Prime -0.175 Adj Quarterly Dtd 06/01/2008 Due 04/25/2020 Prin Pmt For 03/01/17	04/25/17	4,006.44	-172.78
Prin Pmt For 04/01/17	05/25/17	3,303.60	-142.47
Prin Pmt For 04/29/17	06/26/17	3,301.56	-142.38
Small Business Admin Gtd Ln Pool Ctfs 5.788% Dtd 08/22/2007 Due 08/10/2017 Prin Pmt For 05/01/17	05/10/17	2,701.71	-169.17
Small Business Admin Gtd Ln Pool Ctfs 5.902% Dtd 02/27/2008 Due 02/01/2018 Prin Pmt For 05/01/17	05/10/17	1,750.18	-428.28
Total Sales		\$ 722,584.22	\$ -3,916.54

Non-Cash Activity

	Date	Cost
AT&T Inc Gbl Nt 5.60% Dtd 05/13/2008 Due 05/15/2018 Callable Amortization of Premium	05/15/17	-3,451.00

WBSD - CAPITAL PROJECT RESERVE

 Account Number:
 Statement Period:

04/01/17 - 06/30/17

Non-Cash Activity

	Date	Cost
Alta Loma Calif Sch Dist Ser A Zero Cpn Dtd 07/22/1999 Due 08/01/2017 Non-Callable		
Original Issue Discount	04/28/17	59.31
Original Issue Discount	05/31/17	59.31
Original Issue Discount	06/30/17	59.31
Federal Home Loan Bks Cons Bds 2.375% Dtd 12/30/2013 Due 12/13/2019 Non-Callable		
Amortization of Premium	06/13/17	-302.00
Federal Home Loan Bks Cons Bds 5.375% Dtd 12/02/2002 Due 11/15/2017 Non-Callable		
Amortization of Premium	05/15/17	-4,402.00
Federal Home Loan Bks Cons Bds 4.625% Dtd 05/25/2005 Due 06/12/2020 Non-Callable		
Amortization of Premium	06/12/17	-727.50
Federal Home Loan Bks Cons Bds 4.125% Dtd 11/13/2009 Due 12/13/2019 Non-Callable		
Amortization of Premium	06/13/17	-1,268.00
Federal Home Loan Bks Cons Bds 3.125% Dtd 12/30/2010 Due 12/08/2017 Non-Callable		
Amortization of Premium	06/08/17	-2,204.00
Federal Home Loan Bks Cons Bds 1.125% Dtd 07/03/2013 Due 06/09/2017 Non-Callable		
Amortization of Premium	06/09/17	-319.50
Federal Natl Mtg Assn 1.50% Dtd 04/27/2015 Due 06/22/2020 Non-Callable		
Amortization of Premium	06/22/17	-82.40
Federal Natl Mtg Assn 1.50% Dtd 10/19/2015 Due 11/30/2020 Non-Callable		
Amortization of Premium	05/30/17	-58.00
Federal Natl Mtg Assn 1.875% Dtd 11/16/2015 Due 12/28/2020 Non-Callable		
Amortization of Premium	06/28/17	-306.00

WBSD - CAPITAL PROJECT RESERVE

Account Number:
Statement Period: 04/01/17 - 06/30/17

Non-Cash Activity

	Date	Cost
Whatcom Cnty Wash Pub Util Dis LTD GO Ref Bds Taxable 2.10% Dtd 06/05/2012 Due 12/01/2018 Non-Callable Amortization of Premium	06/01/17	-28.80
Total Non-Cash Transactions		\$ -12,971.27

SECURITY PRICES CONTAINED IN THIS STATEMENT ARE OBTAINED FROM THE MOST RELIABLE SOURCES AVAILABLE BUT ARE NOT GUARANTEED BY BANK OF THE WEST. QUOTED PRICES MAY NOT EQUAL ACTUAL PRICES BECAUSE OF SECURITY SIZE, MARKET PRICE, TERM AND DEMAND.

OPERATING RESERVE



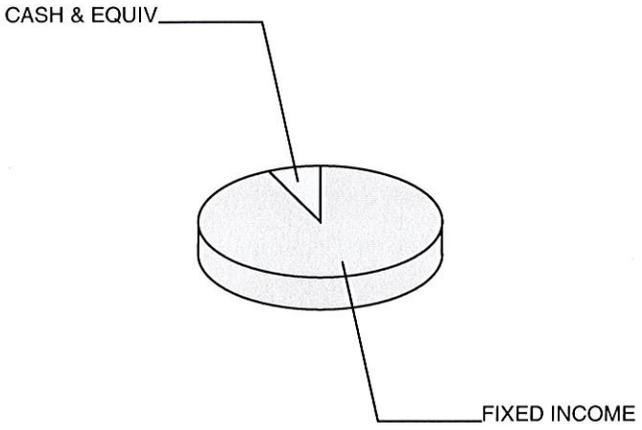
WBSD - OPERATING RESERVE

Account Number:
Statement Period: 04/01/17 - 06/30/17

WEST BAY SANITARY DISTRICT
 ATTN: PHILLIP L. SCOTT
 500 LAUREL STREET
 MENLO PARK CA 94025

Administrator
 Chuen Ying Lee
 (408) 645-3234
Investment
 Michael D. Smith
 (408) 490-2079

Asset Allocation



Asset Valuation

Description	Market Value	% of Account
Cash & Equiv	527,634.43	7.0%
Fixed Income	7,029,578.94	93.0%
Total Portfolio	\$ 7,557,213.37	100.0%
Accrued Income	33,913.08	
Total Valuation	\$ 7,591,126.45	

Market Reconciliation

	Current Period	Year To Date
Beginning Market Value	\$ 7,567,303.06	\$ 7,535,292.15
Income		
Interest.....	58,390.21	110,319.27
Purchased Income.....	-325.33	-3,196.16
Disbursements.....	-3,362.04	-6,860.41
Realized Gains/(Losses).....	-1,738.44	-11,905.04
Change In Accrued Income.....	-5,272.71	1,992.84
Change In Market Appreciation/(Depreciation).....	-4,052.00	-3,141.85
Non-Cash Asset Changes.....	-19,816.30	-31,374.35
Ending Market Value	\$ 7,591,126.45	\$ 7,591,126.45

WBSD - OPERATING RESERVE
Account Number:
Statement Period:
04/01/17 - 06/30/17
Asset Position As of 06/30/17

Asset Description	Units	Market Value Cost	Est. Annual Income Accruals	Current Yield
Cash Equivalents				
Bank of The West Advantage Acct	527,634.430	527,634.43 527,634.43	4,590.00 176.04	0.87%
Total Cash Equivalents		\$ 527,634.43 \$ 527,634.43	4,590.00 176.04	0.87%
Fixed Income				
Albertville Ala Brd of Ed Sch Tax Wts 2014c Taxable 3.00% Dtd 11/01/2014 Due 02/01/2018 Non-Callable	150,000.000	151,023.00 151,195.50	4,500.00 1,875.00	2.98%
Alibaba Group Hldg LTD Sr 144a 2.50% Dtd 11/28/2014 Due 11/28/2019 Callable	200,000.000	201,518.00 198,364.00	5,000.00 458.33	2.48%
Capital One Bk USA Natl Assn CTF Dep 1.40% Dtd 09/28/2016 Due 09/28/2020 Non-Callable	100,000.000	98,196.00 100,000.00	1,400.00 364.38	1.43%
Capital One Bk USA Natl Assn Fr 2.15% Dtd 11/21/2013 Due 11/21/2018 Callable	280,000.000	280,378.00 279,680.80	6,020.00 668.88	2.15%
Eaton Corp PLC Sr Nt 1.50% Dtd 11/02/2013 Due 11/02/2017 Callable	200,000.000	200,040.00 199,378.00	3,000.00 491.66	1.50%
Federal Home Ln Mtg Corp Partn Gold Group #G13107 5.500% Dtd 03/01/2008 Due 07/01/2020 IPD14	28,092.950	28,740.77 29,515.16	1,545.00 128.75	5.38%
Federal Home Ln Mtg Corp Partn Gold Group #G11940 5.500% Dtd 03/01/2006 Due 05/01/2020 IPD14	35,933.130	36,969.44 37,909.45	1,976.00 164.69	5.35%
Federal Farm Cr Bks Cons Systemwide Bds 1.95% Dtd 09/17/2013 Due 09/17/2018 Non-Callable	50,000.000	50,303.00 50,720.00	975.00 281.66	1.94%
Federal Farm Cr Bks Cons Systemwide Bds Var Rate Dtd 10/09/2015 Due 04/09/2018 Non-Callable	50,000.000	50,073.50 49,958.55	570.00 34.43	1.14%
Federal Farm Cr Bks Cons Systemwide Bds 2.03% Dtd 04/19/2017 Due 07/19/2021 Callable	40,000.000	39,793.60 40,000.00	812.00 162.40	2.04%

WBSD - OPERATING RESERVE

 Account Number:
 Statement Period:

04/01/17 - 06/30/17

Asset Position As of 06/30/17

Asset Description	Units	Market Value Cost	Est. Annual Income Accruals	Current Yield
Federal Home Loan Bks Cons Bds 5.375% Dtd 12/02/2002 Due 11/15/2017 Non-Callable	100,000.000	101,539.00 102,210.00	5,375.00 686.80	5.29%
Federal Home Loan Bks Cons Bds 4.625% Dtd 05/25/2005 Due 06/12/2020 Non-Callable	200,000.000	217,164.00 217,934.00	9,250.00 488.19	4.26%
Federal Home Loan Bks Cons Bds 4.50% Dtd 08/12/2009 Due 09/13/2019 Non-Callable	200,000.000	212,910.00 215,446.00	9,000.00 2,700.00	4.23%
Federal Home Loan Bks Cons Bds 4.125% Dtd 11/13/2009 Due 12/13/2019 Non-Callable	200,000.000	212,380.00 212,960.00	8,250.00 412.50	3.88%
Federal Farm Cr Bks Cons Systemwide Bds 5.32% Dtd 10/03/2007 Due 09/03/2019 Non-Callable	50,000.000	54,049.00 54,588.00	2,660.00 871.88	4.92%
Federal Home Loan Bks Cons Bds 2.875% Dtd 08/27/2010 Due 09/11/2020 Non-Callable	60,000.000	62,208.60 62,913.60	1,725.00 527.08	2.77%
Federal Home Loan Bks Cons Bds 3.125% Dtd 12/30/2010 Due 12/08/2017 Non-Callable	55,000.000	55,459.25 55,608.30	1,718.00 109.80	3.10%
Federal Home Loan Bks Cons Bds 2.00% Dtd 08/12/2013 Due 09/13/2019 Non-Callable	60,000.000	60,669.60 61,234.80	1,200.00 359.99	1.98%
Federal Home Ln Mtg Corp Step Cpn Dtd 09/30/2016 Due 09/30/2021 Callable	200,000.000	195,680.00 199,800.00	2,100.00 530.83	1.07%
Federal Home Ln Mtg Corp 1.50% Dtd 12/30/2016 Due 12/30/2019 Callable	120,000.000	119,755.20 120,000.00	1,800.00 5.00	1.50%
Federal Home Ln Mtg Corp 1.75% Dtd 12/30/2016 Due 12/30/2020 Callable	120,000.000	119,475.60 120,000.00	2,100.00 5.83	1.76%
Federal Home Ln Mtg Corp 2.00% Dtd 04/28/2017 Due 12/28/2020 Callable	40,000.000	40,000.00 40,000.00	800.00 6.66	2.00%
Federal Home Ln Mtg Corp Medium Term Nts 1.625% Dtd 04/27/2017 Due 07/27/2020 Callable	40,000.000	39,881.60 40,000.00	650.00 115.55	1.63%

WBSD - OPERATING RESERVE

Account Number: 04/01/17 - 06/30/17
 Statement Period:

Asset Position As of 06/30/17

Asset Description	Units	Market Value Cost	Est. Annual Income Accruals	Current Yield
Federal Home Ln Mtg Corp 1.60% Dtd 05/15/2017 Due 05/15/2020 Callable	240,000.000	239,061.60 240,000.00	3,840.00 490.66	1.61%
Federal Home Ln Mtg Corp 2.00% Dtd 04/26/2017 Due 10/26/2021 Callable	240,000.000	238,687.20 240,000.00	4,800.00 866.66	2.01%
Federal Natl Mtg Assn 1.875% Dtd 11/16/2015 Due 12/28/2020 Non-Callable	60,000.000	60,372.00 61,317.60	1,125.00 9.37	1.86%
Federal Natl Mtg Assn 1.25% Dtd 09/30/2016 Due 09/30/2019 Callable	400,000.000	396,988.00 399,900.00	5,000.00 1,263.88	1.26%
Federal Natl Mtg Assn 1.80% Dtd 11/30/2016 Due 05/26/2021 Callable	60,000.000	59,590.20 60,000.00	1,080.00 105.00	1.81%
Federal Home Ln Mtg Corp Multiclass Mtg Partn Cifs Gtd Ser K 702 CI A 2 3.154% Dtd 06/01/2011 Due 02/25/2018 IPD24	91,668.320	92,315.12 95,105.89	2,891.00 240.93	3.13%
Federal Home Ln Mtg Corp 1.75% Dtd 04/16/2012 Due 05/30/2019 Non-Callable	40,000.000	40,269.60 40,674.00	700.00 60.27	1.74%
Federal Home Ln Mtg Corp 1.25% Dtd 10/02/2012 Due 10/02/2019 Non-Callable	40,000.000	39,780.00 40,258.00	500.00 123.61	1.26%
Federal Natl Mtg Assn Gtd Passthru CTF Pool #386765 5.420% Dtd 01/01/2004 Due 01/01/2019 IPD24	47,477.280	48,912.52 52,076.64	2,573.00 214.43	5.26%
Federal Natl Mtg Assn Gtd Passthru CTF Pool #461455 5.400% Dtd 12/01/2003 Due 12/01/2018 IPD24	239,646.910	239,371.32 269,752.55	12,940.00 1,078.41	5.41%
Federal Natl Mtg Assn Gtd REMIC Passthru Tr REMIC Tr Ser 2009 M1 CI A2 4.287% Dtd 10/01/2009 Due 07/25/2019 IPD24	84,548.720	87,444.27 90,572.80	3,624.00 302.05	4.15%
Federal Natl Mtg Assn Gtd Passthru CTF Pool #797828 5.000% Dtd 04/01/2005 Due 04/01/2020 IPD24	56,082.700	57,874.54 59,202.31	2,804.00 233.67	4.85%

WBSD - OPERATING RESERVE
Account Number:
Statement Period:
04/01/17 - 06/30/17
Asset Position As of 06/30/17

Asset Description	Units	Market Value Cost	Est. Annual Income Accruals	Current Yield
Florida St Brd Admin Fin Corp Rev Bds 2016a Taxable 2.163% Dtd 03/08/2016 Due 07/01/2019 Callable	55,000.000	55,311.85 56,190.75	1,189.00 594.82	2.15%
Keybank National Association Regs Bd 2.50% Dtd 11/24/2014 Due 12/15/2019 Non-Callable	250,000.000	252,492.50 251,207.50	6,250.00 277.77	2.48%
Manufacturer and Traders Sub Nt Accd 6.625% Dtd 12/04/2007 Due 12/04/2017 Non-Callable	163,000.000	166,317.05 166,913.63	10,798.00 809.90	6.49%
Medtronic Inc Sr Glbl 2.50% Dtd 03/15/2015 Due 03/15/2020 Callable	250,000.000	253,622.50 250,625.00	6,250.00 1,840.27	2.46%
Metropolitan Transn Auth N Y D Tax Fund Bds 2010a Taxable 4.655% Dtd 03/25/2010 Due 11/15/2018 Callable	100,000.000	103,375.00 103,763.00	4,655.00 594.80	4.50%
Morgan Stanley Sr Medium Term Nts 5.95% Dtd 12/28/2007 Due 12/28/2017	250,000.000	255,102.50 255,002.50	14,875.00 123.95	5.83%
Oakland Calif Pension Oblig Taxable Pension Oblig Bd Taxable Zero Cpn Dtd 10/17/2001 Due 12/15/2019 Non-Callable	60,000.000	56,854.20 55,670.64	0.00	0.00%
Oncor Elec Delivery Co LLC Sr Sec Nt 5.00% Dtd 03/30/2011 Due 09/30/2017 Callable	170,000.000	171,399.10 172,827.10	8,500.00 2,148.61	4.96%
Plains All Amern Pipeline L P Sr Nt 2.60% Dtd 12/09/2014 Due 12/15/2019 Callable	250,000.000	250,687.50 250,125.00	6,500.00 288.88	2.59%
Port Morrow Ore Transmission F Rev Bds Taxable 2.737% Dtd 08/26/2015 Due 09/01/2021 Callable	200,000.000	203,814.00 209,656.00	5,474.00 1,824.66	2.69%
Small Business Admin Gtd Ln Pool Ctfs #508468 Prime -0.175 Adj Quarterly Dtd 06/01/2008 Due 04/25/2020	44,527.430	45,311.11 46,447.68	1,369.00 42.99	3.02%
Teva Pharmaceutical Finance IV Sr Nt 2.25% Dtd 12/18/2012 Due 03/18/2020 Callable	250,000.000	249,750.00 245,882.50	5,625.00 1,609.37	2.25%

WBSD - OPERATING RESERVE

 Account Number:
 Statement Period:

04/01/17 - 06/30/17

Asset Position As of 06/30/17

Asset Description	Units	Market Value Cost	Est. Annual Income Accruals	Current Yield
Wea Fin Westfield Uk & Eu Sr 144a Nt 1.75% Dtd 09/17/2014 Due 09/15/2017 Callable	200,000.000	200,000.00 199,966.00	3,500.00 1,030.55	1.75%
Waco Tex Indpt Sch Dist Ref Bds Taxable 4.00% Dtd 12/01/2012 Due 02/15/2020 Non-Callable	270,000.000	285,803.10 291,181.50	10,800.00 4,080.00	3.78%
Wells Fargo & Co New Sr Gbl 2.50% Dtd 03/04/2016 Due 03/04/2021 Non-Callable	250,000.000	250,865.00 248,550.00	6,250.00 2,031.24	2.49%
Total Fixed Income		\$ 7,029,578.94 \$ 7,092,284.75	206,338.00 33,737.04	2.94%
Cash				
Principal Cash		0.00 0.00	0.00	0.00%
Income Cash		0.00 0.00	0.00	0.00%
Total Cash		\$ 0.00 \$ 0.00	0.00 0.00	0.00%
Total Market Value		\$ 7,557,213.37 \$ 7,619,919.18	210,928.00 33,913.08	2.79%
Total Market Value Plus Accruals		\$ 7,591,126.45		

Income Activity

	Date	Income Cash	Principal Cash
Interest Income			
Bank of The West Advantage Acct Int To 03/31/17	04/03/17		58.27
Int To 04/30/17	05/01/17		107.52
Int To 05/31/17	06/01/17		147.95
Alibaba Group Hldg LTD Sr 144a 2.50% Dtd 11/28/2014 Due 11/28/2019 Callable Int To 05/28/17 on 200,000	05/30/17		2,500.00

WBSD - OPERATING RESERVE

Account Number:
Statement Period: 04/01/17 - 06/30/17

	Income Activity		
	Date	Income Cash	Principal Cash
Capital One Bk USA Natl Assn Fr 2.15% Dtd 11/21/2013 Due 11/21/2018 Callable Int To 05/21/17 on 280,000	05/22/17		3,010.00
Eaton Corp PLC Sr Nt 1.50% Dtd 11/02/2013 Due 11/02/2017 Callable Int To 05/02/17 on 200,000	05/02/17		1,500.00
Federal Home Ln Mtg Corp Partn Gold Group #G13107 5.500% Dtd 03/01/2008 Due 07/01/2020 IPD14 Int For March 2017 on 36160.49	04/17/17		165.74
Int For April 2017 on 32833.28	05/15/17		150.49
Int For May 2017 on 30592.95	06/15/17		140.22
Federal Home Ln Mtg Corp Partn Gold Group #G11940 5.500% Dtd 03/01/2006 Due 05/01/2020 IPD14 Int For March 2017 on 42832.71	04/17/17		196.32
Int For April 2017 on 40227.25	05/15/17		184.37
Int For May 2017 on 38153.43	06/15/17		174.87
Federal Home Loan Bks Cons Bds 2.25% Dtd 12/30/2016 Due 12/30/2021 Callable Int 12/30/16 To 06/30/17 on 170000	06/30/17		1,912.50
Federal Farm Cr Bks Cons Systemwide Bds Var Rate Dtd 10/09/2015 Due 04/09/2018 Non-Callable Int To 04/09/17 on 50,000	04/10/17		38.73
Int To 05/09/17 on 50,000	05/09/17		43.10
Int To 06/09/17 on 50,000	06/09/17		44.75
Federal Home Loan Bks Cons Bds 5.375% Dtd 12/02/2002 Due 11/15/2017 Non-Callable Int To 05/15/17 on 100,000	05/15/17		2,687.50
Federal Home Loan Bks Cons Bds 4.625% Dtd 05/25/2005 Due 06/12/2020 Non-Callable Int To 06/12/17 on 200,000	06/12/17		4,625.00
Federal Home Loan Bks Cons Bds 4.125% Dtd 11/13/2009 Due 12/13/2019 Non-Callable Int To 06/13/17 on 200,000	06/13/17		4,125.00

WBSD - OPERATING RESERVE

 Account Number:
 Statement Period:

04/01/17 - 06/30/17

Income Activity			
	Date	Income Cash	Principal Cash
Federal Home Loan Bks Cons Bds 3.125% Dtd 12/30/2010 Due 12/08/2017 Non-Callable Int To 06/08/17 on 55,000	06/08/17		859.37
Federal Home Loan Bks Cons Bds 1.125% Dtd 07/03/2013 Due 06/09/2017 Non-Callable Int To 06/09/17 on 225,000	06/09/17		1,265.62
Federal Home Ln Mtg Corp 2.00% Dtd 01/30/2017 Due 10/28/2020 Callable Int 01/30/17 To 04/28/17 on 200000	04/28/17		977.78
Federal Home Ln Mtg Corp 1.50% Dtd 12/30/2016 Due 12/30/2019 Callable Int 12/30/16 To 06/30/17 on 120000	06/30/17		900.00
Federal Home Ln Mtg Corp 1.75% Dtd 12/30/2016 Due 12/30/2020 Callable Int 12/30/16 To 06/30/17 on 120000	06/30/17		1,050.00
Federal Natl Mtg Assn 1.875% Dtd 11/16/2015 Due 12/28/2020 Non-Callable Int To 06/28/17 on 60,000	06/28/17		562.50
Federal Natl Mtg Assn 1.80% Dtd 11/30/2016 Due 05/26/2021 Callable Int 11/30/16 To 05/26/17 on 60000	05/26/17		528.00
Federal Home Ln Mtg Corp Multiclass Mtg Partn Ctfs Gtd Ser K 702 CI A 2 3.154% Dtd 06/01/2011 Due 02/25/2018 IPD24 Int To 04/01/17 on 92192.81 Int To 05/01/17 on 92023.94 Int To 06/01/17 on 91838.73	04/25/17 05/25/17 06/26/17		242.31 241.87 241.38
Federal Home Ln Mtg Corp 1.25% Dtd 03/26/2012 Due 05/12/2017 Non-Callable Int To 05/12/17 on 250,000	05/12/17		1,562.50
Federal Home Ln Mtg Corp 1.75% Dtd 04/16/2012 Due 05/30/2019 Non-Callable Int To 05/30/17 on 40,000	05/30/17		350.00

WBSD - OPERATING RESERVE

 Account Number:
 Statement Period: **04/01/17 - 06/30/17**

Income Activity			
	Date	Income Cash	Principal Cash
Federal Home Ln Mtg Corp 1.25% Dtd 10/02/2012 Due 10/02/2019 Non-Callable Int To 04/02/17 on 40,000	04/03/17		250.00
Federal Natl Mtg Assn Gtd Passthru CTF Pool #386765 5.420% Dtd 01/01/2004 Due 01/01/2019 IPD24 Int For March 2017 on 47891.73 Int For April 2017 on 47754.27 Int For May 2017 on 47616.12	04/25/17 05/25/17 06/26/17		216.31 215.69 215.07
Federal Natl Mtg Assn Gtd Passthru CTF Pool #461455 5.400% Dtd 12/01/2003 Due 12/01/2018 IPD24 Int For March 2017 on 240633.37 Int For April 2017 on 240306.28 Int For May 2017 on 239977.47	04/25/17 05/25/17 06/26/17		1,082.85 1,081.38 1,079.90
Federal Natl Mtg Assn Gtd REMIC Passthru Tr REMIC Tr Ser 2009 M1 CI A2 4.287% Dtd 10/01/2009 Due 07/25/2019 IPD24 Int To 04/01/17 on 85274.08 Int To 05/01/17 on 85142 Prepayment Penalty Int To 06/01/17 on 84681.69	04/25/17 05/25/17 05/25/17 06/26/17		304.64 304.17 5.53 302.53
Federal Natl Mtg Assn Gtd Passthru CTF Pool #797828 5.000% Dtd 04/01/2005 Due 04/01/2020 IPD24 Int For March 2017 on 65853.65 Int For April 2017 on 60406.41 Int For May 2017 on 58226.93	04/25/17 05/25/17 06/26/17		274.39 251.69 242.61
Keybank National Association Regs Bd 2.50% Dtd 11/24/2014 Due 12/15/2019 Non-Callable Int To 06/15/17 on 250,000	06/15/17		3,125.00
Manufacturer and Traders Sub Nt Accd 6.625% Dtd 12/04/2007 Due 12/04/2017 Non-Callable Int To 06/04/17 on 163,000	06/05/17		5,399.37
Metropolitan Transn Auth N Y D Tax Fund Bds 2010a Taxable 4.655% Dtd 03/25/2010 Due 11/15/2018 Callable Int To 05/15/17 on 100,000	05/15/17		2,327.50

WBSD - OPERATING RESERVE

 Account Number:
 Statement Period:

04/01/17 - 06/30/17

Income Activity			
	Date	Income Cash	Principal Cash
Morgan Stanley Sr Medium Term Nts 5.95% Dtd 12/28/2007 Due 12/28/2017 Int To 06/28/17 on 250,000	06/28/17		7,437.50
Plains All Amern Pipeline L P Sr Nt 2.60% Dtd 12/09/2014 Due 12/15/2019 Callable Int To 06/15/17 on 250,000	06/15/17		3,250.00
Small Business Admin Gtd Ln Pool Ctfs #508468 Prime -0.175 Adj Quarterly Dtd 06/01/2008 Due 04/25/2020 Int To 03/01/17 on 48506.77	04/25/17		144.51
Int To 04/01/17 on 47004.36	05/25/17		140.03
Int To 04/29/17 on 45765.51	06/26/17		145.88
Total Interest Income		\$ 0.00	\$ 58,390.21
Purchased Income			
Federal Home Ln Mtg Corp 1.60% Dtd 05/15/2017 Due 05/15/2020 Callable Accrued Int To 05/18/17 Paid on Purchase of 240,000	05/18/17		-32.00
Federal Home Ln Mtg Corp 2.00% Dtd 04/26/2017 Due 10/26/2021 Callable Accrued Int To 05/18/17 Paid on Purchase of 240,000	05/18/17		-293.33
Total Purchased Income		\$ 0.00	\$ -325.33
Total Income		\$ 0.00	\$ 58,064.88

Disbursement Activity			
	Date	Income Cash	Principal Cash
Fees/Expenses			
Monthly Fee To 03/31/17	04/14/17		-1,120.23
Monthly Fee To 04/30/17	05/15/17		-1,120.81

WBSD - OPERATING RESERVE

 Account Number:
 Statement Period: **04/01/17 - 06/30/17**

Disbursement Activity			
	Date	Income Cash	Principal Cash
Monthly Fee To 05/31/17	06/15/17		-1,121.00
Total Fees/Expenses		\$ 0.00	\$ -3,362.04
Total Disbursements		\$ 0.00	\$ -3,362.04

Purchase Activity			
	Date	Income Cash	Principal Cash
Bank of The West Advantage Acct Purchases (24) 04/01/17 To 06/30/17	06/30/17		-894,758.38
Federal Farm Cr Bks Cons Systemwide Bds 2.03% Dtd 04/19/2017 Due 07/19/2021 Callable Purchased 40000 04/17/17 From BOK Financial Securities, Inc. @ 100	04/19/17		-40,000.00
Federal Home Ln Mtg Corp 2.00% Dtd 04/28/2017 Due 12/28/2020 Callable Purchased 40000 03/29/17 From D A Davidson & Co @ 100	04/28/17		-40,000.00
Federal Home Ln Mtg Corp Medium Term Nts 1.625% Dtd 04/27/2017 Due 07/27/2020 Callable Purchased 40000 04/17/17 From BOK Financial Securities, Inc. @ 100	04/27/17		-40,000.00
Federal Home Ln Mtg Corp 1.60% Dtd 05/15/2017 Due 05/15/2020 Callable Purchased 240000 05/17/17 From BOK Financial Securities, Inc. @ 100	05/18/17		-240,000.00
Federal Home Ln Mtg Corp 2.00% Dtd 04/26/2017 Due 10/26/2021 Callable Purchased 240000 05/17/17 From D A Davidson & Co @ 100	05/18/17		-240,000.00
Total Purchases		\$ 0.00	\$ -1,494,758.38

WBSD - OPERATING RESERVE

 Account Number: _____
 Statement Period: **04/01/17 - 06/30/17**

Sale Activity			
	Date	Proceeds	Realized Gain/Loss
Bank of The West Advantage Acct Sales (6) 04/01/17 To 06/30/17	06/30/17	563,687.37	
Federal Home Ln Mtg Corp Partn Gold Group #G13107 5.500% Dtd 03/01/2008 Due 07/01/2020 IPD14			
Prin Pmt For March 2017	04/17/17	3,327.21	-168.44
Prin Pmt For April 2017	05/15/17	2,240.33	-113.42
Prin Pmt For May 2017	06/15/17	2,500.00	-126.56
Federal Home Ln Mtg Corp Partn Gold Group #G11940 5.500% Dtd 03/01/2006 Due 05/01/2020 IPD14			
Prin Pmt For March 2017	04/17/17	2,605.46	-143.30
Prin Pmt For April 2017	05/15/17	2,073.82	-114.06
Prin Pmt For May 2017	06/15/17	2,220.30	-122.12
Federal Home Loan Bks Cons Bds 2.25% Dtd 12/30/2016 Due 12/30/2021 Callable			
Full Call @ 100 on 06/30/17 170,000 Par Value	06/30/17	170,000.00	
Federal Home Loan Bks Cons Bds 1.125% Dtd 07/03/2013 Due 06/09/2017 Non-Callable			
Recd Proceeds on Maturity of 225,000 Par Value	06/09/17	225,000.00	
Federal Home Ln Mtg Corp 2.00% Dtd 01/30/2017 Due 10/28/2020 Callable			
Full Call @ 100 on 04/28/17 200,000 Par Value	04/28/17	200,000.00	
Federal Home Ln Mtg Corp Multiclass Mtg Partn Ctfs Gtd Ser K 702 CI A 2 3.154% Dtd 06/01/2011 Due 02/25/2018 IPD24			
Prin Pmt For 04/01/17	04/25/17	168.87	-6.33
Prin Pmt For 05/01/17	05/25/17	185.21	-6.95
Prin Pmt For 06/01/17	06/26/17	170.41	-6.39
Federal Home Ln Mtg Corp 1.25% Dtd 03/26/2012 Due 05/12/2017 Non-Callable			
Recd Proceeds on Maturity of 250,000 Par Value	05/12/17	250,000.00	

WBSD - OPERATING RESERVE
Account Number:
Statement Period:
04/01/17 - 06/30/17
Sale Activity

	Date	Proceeds	Realized Gain/Loss
Federal Natl Mtg Assn Gtd Passthru CTF Pool #386765 5.420% Dtd 01/01/2004 Due 01/01/2019 IPD24			
Prin Pmt For March 2017	04/25/17	137.46	-13.32
Prin Pmt For April 2017	05/25/17	138.15	-13.38
Prin Pmt For May 2017	06/26/17	138.84	-13.45
Federal Natl Mtg Assn Gtd Passthru CTF Pool #461455 5.400% Dtd 12/01/2003 Due 12/01/2018 IPD24			
Prin Pmt For March 2017	04/25/17	327.09	-41.09
Prin Pmt For April 2017	05/25/17	328.81	-41.31
Prin Pmt For May 2017	06/26/17	330.56	-41.53
Federal Natl Mtg Assn Gtd REMIC Passthru Tr REMIC Tr Ser 2009 M1 Cl A2 4.287% Dtd 10/01/2009 Due 07/25/2019 IPD24			
Prin Pmt For 04/01/17	04/25/17	132.08	-9.41
Prin Pmt For 05/01/17	05/25/17	460.31	-32.80
Prin Pmt For 06/01/17	06/26/17	132.97	-9.47
Federal Natl Mtg Assn Gtd Passthru CTF Pool #797828 5.000% Dtd 04/01/2005 Due 04/01/2020 IPD24			
Prin Pmt For March 2017	04/25/17	5,447.24	-303.00
Prin Pmt For April 2017	05/25/17	2,179.48	-121.23
Prin Pmt For May 2017	06/26/17	2,144.23	-119.27
Small Business Admin Gtd Ln Pool Ctfs #508468 Prime -0.175 Adj Quarterly Dtd 06/01/2008 Due 04/25/2020			
Prin Pmt For 03/01/17	04/25/17	1,502.41	-64.79
Prin Pmt For 04/01/17	05/25/17	1,238.85	-53.43
Prin Pmt For 04/29/17	06/26/17	1,238.08	-53.39
Total Sales		\$ 1,440,055.54	\$ -1,738.44

Non-Cash Activity

	Date	Cost
Federal Home Loan Bks Cons Bds 5.375% Dtd 12/02/2002 Due 11/15/2017 Non-Callable		
Amortization of Premium	05/15/17	-2,201.00

WBSD - OPERATING RESERVE
Account Number:
Statement Period:
04/01/17 - 06/30/17
Non-Cash Activity

	Date	Cost
Federal Home Loan Bks Cons Bds 4.625% Dtd 05/25/2005 Due 06/12/2020 Non-Callable Amortization of Premium	06/12/17	-2,910.00
Federal Home Loan Bks Cons Bds 4.125% Dtd 11/13/2009 Due 12/13/2019 Non-Callable Amortization of Premium	06/13/17	-2,536.00
Federal Home Loan Bks Cons Bds 3.125% Dtd 12/30/2010 Due 12/08/2017 Non-Callable Amortization of Premium	06/08/17	-606.10
Federal Home Loan Bks Cons Bds 1.125% Dtd 07/03/2013 Due 06/09/2017 Non-Callable Amortization of Premium	06/09/17	-479.25
Federal Natl Mtg Assn 1.875% Dtd 11/16/2015 Due 12/28/2020 Non-Callable Amortization of Premium	06/28/17	-183.60
Federal Home Ln Mtg Corp 1.25% Dtd 03/26/2012 Due 05/12/2017 Non-Callable Amortization of Premium	05/12/17	-802.50
Federal Home Ln Mtg Corp 1.75% Dtd 04/16/2012 Due 05/30/2019 Non-Callable Amortization of Premium	05/30/17	-166.40
Federal Home Ln Mtg Corp 1.25% Dtd 10/02/2012 Due 10/02/2019 Non-Callable Amortization of Premium	04/03/17	-50.80
Keybank National Association Regs Bd 2.50% Dtd 11/24/2014 Due 12/15/2019 Non-Callable Amortization of Premium	06/15/17	-232.50
Manufacturer and Traders Sub Nt Accd 6.625% Dtd 12/04/2007 Due 12/04/2017 Non-Callable Amortization of Premium	06/02/17	-3,879.40

WBSD - OPERATING RESERVE
Account Number:
Statement Period: 04/01/17 - 06/30/17

Non-Cash Activity		
	Date	Cost
Metropolitan Transn Auth N Y D Tax Fund Bds 2010a Taxable 4.655% Dtd 03/25/2010 Due 11/15/2018 Callable Amortization of Premium	05/15/17	-1,229.00
Morgan Stanley Sr Medium Term Nts 5.95% Dtd 12/28/2007 Due 12/28/2017 Amortization of Premium	06/28/17	-4,955.00
Oakland Calif Pension Oblig Taxable Pension Oblig Bd Taxable Zero Cpn Dtd 10/17/2001 Due 12/15/2019 Non-Callable		
Original Issue Discount	04/28/17	146.75
Original Issue Discount	05/31/17	146.75
Original Issue Discount	06/30/17	146.75
Plains All Amern Pipeline L P Sr Nt 2.60% Dtd 12/09/2014 Due 12/15/2019 Callable Amortization of Premium	06/15/17	-25.00
Total Non-Cash Transactions		\$ -19,816.30

SECURITY PRICES CONTAINED IN THIS STATEMENT ARE OBTAINED FROM THE MOST RELIABLE SOURCES AVAILABLE BUT ARE NOT GUARANTEED BY BANK OF THE WEST. QUOTED PRICES MAY NOT EQUAL ACTUAL PRICES BECAUSE OF SECURITY SIZE, MARKET PRICE, TERM AND DEMAND.

EMERGENCY CAPITAL RESERVE

Received
JUL 07 2017
West Bay
Sanitary District

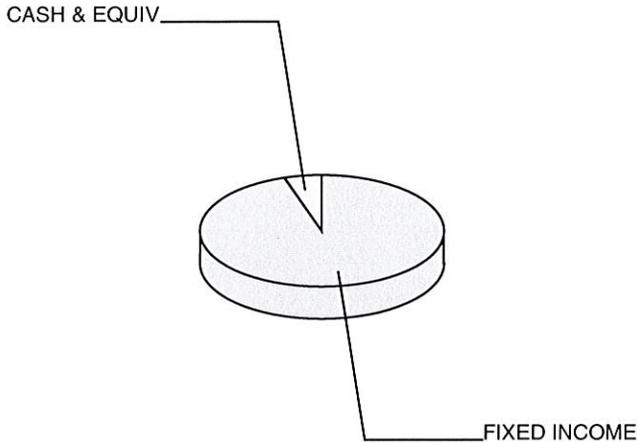
WBSD - EMERGENCY CAPITAL RESERVE

Account Number: _____
Statement Period: 04/01/17 - 06/30/17

WEST BAY SANITARY DISTRICT
ATTN: PHILLIP L. SCOTT
500 LAUREL STREET
MENLO PARK CA 94025

Administrator
Chuen Ying Lee
(408) 645-3234
Investment
Michael D. Smith
(408) 490-2079

Asset Allocation



Asset Valuation

Description	Market Value	% of Account
Cash & Equiv	282,822.80	5.4%
Fixed Income	4,977,473.88	94.6%
Total Portfolio	\$ 5,260,296.68	100.0%
Accrued Income	28,566.46	
Total Valuation	\$ 5,288,863.14	

Market Reconciliation

	Current Period	Year To Date
Beginning Market Value	\$ 5,271,348.26	\$ 5,250,691.70
Income		
Interest.....	47,684.29	79,026.66
Purchased Income.....	-234.17	-421.67
Disbursements.....	-2,340.04	-4,774.65
Realized Gains/(Losses).....	0.00	0.00
Change In Accrued Income.....	-7,779.10	374.27
Change In Market Appreciation/(Depreciation).....	-2,382.40	-10,279.22
Non-Cash Asset Changes.....	-17,433.70	-25,753.95
Ending Market Value	\$ 5,288,863.14	\$ 5,288,863.14

WBSD - EMERGENCY CAPITAL RESERVE

 Account Number:
 Statement Period:

04/01/17 - 06/30/17

Asset Position As of 06/30/17

Asset Description	Units	Market Value Cost	Est. Annual Income Accruals	Current Yield
Cash Equivalents				
Bank of The West Advantage Acct	282,822.800	282,822.80 282,822.80	2,460.00 93.56	0.87%
Total Cash Equivalents		\$ 282,822.80 \$ 282,822.80	2,460.00 93.56	0.87%
Fixed Income				
Astrazeneca PLC Sr Nt 1.95% Dtd 09/18/2012 Due 09/18/2019 Callable	100,000.000	100,259.00 98,290.00	1,950.00 557.91	1.94%
Blackrock Inc Nt 5.00% Dtd 12/10/2009 Due 12/10/2019 Callable	250,000.000	268,430.00 267,647.50	12,500.00 729.16	4.66%
Citigroup Inc Fr 2.50% Dtd 07/29/2014 Due 07/29/2019 Non-Callable	250,000.000	252,245.00 250,697.50	6,250.00 2,638.88	2.48%
Federal Home Ln Mtg Corp Partn Gold Group #G13107 5.500% Dtd 03/01/2008 Due 07/01/2020 IPD14	28,219.210	28,869.94 32,233.05	1,552.00 129.33	5.38%
Federal Home Ln Mtg Corp Partn Gold Group #G11940 5.500% Dtd 03/01/2006 Due 05/01/2020 IPD14	35,136.010	36,149.33 39,454.71	1,932.00 161.04	5.35%
Federal Home Loan Bks Cons Bds Step Cpn Dtd 04/27/2017 Due 04/27/2022 Callable	120,000.000	119,841.60 119,730.00	1,500.00 266.66	1.25%
Federal Farm Cr Bks Cons Systemwide Bds Var Rate Dtd 10/09/2015 Due 04/09/2018 Non-Callable	50,000.000	50,073.50 49,958.55	570.00 34.43	1.14%
Federal Farm Cr Bks Cons Systemwide Bds 2.19% Dtd 04/05/2017 Due 10/05/2021 Callable	60,000.000	60,000.00 60,000.00	1,314.00 313.90	2.19%
Federal Home Loan Bks Cons Bds 5.375% Dtd 12/02/2002 Due 11/15/2017 Non-Callable	200,000.000	203,078.00 204,420.00	10,750.00 1,373.61	5.29%
Federal Home Loan Bks Cons Bds 4.125% Dtd 11/13/2009 Due 12/13/2019 Non-Callable	50,000.000	53,095.00 53,240.00	2,062.00 103.12	3.88%

WBSD - EMERGENCY CAPITAL RESERVE

 Account Number:
 Statement Period:

04/01/17 - 06/30/17

Asset Position As of 06/30/17

Asset Description	Units	Market Value Cost	Est. Annual Income Accruals	Current Yield
Federal Farm Cr Bks Cons Systemwide Bds 4.75% Dtd 08/02/2005 Due 09/29/2017 Non-Callable	300,000.000	302,859.00 305,628.00	14,250.00 3,641.66	4.71%
Federal Home Loan Bks Cons Bds 2.25% Dtd 08/24/2010 Due 09/08/2017 Non-Callable	250,000.000	250,512.50 251,622.50	5,625.00 1,765.62	2.25%
Federal Home Loan Bks Cons Bds 2.875% Dtd 08/27/2010 Due 09/11/2020 Non-Callable	80,000.000	82,944.80 83,884.80	2,300.00 702.77	2.77%
Federal Home Loan Bks Cons Bds 3.125% Dtd 12/30/2010 Due 12/08/2017 Non-Callable	295,000.000	297,463.25 298,262.70	9,218.00 588.97	3.10%
Federal Home Ln Mtg Corp 1.75% Dtd 12/30/2016 Due 12/30/2020 Callable	160,000.000	159,300.80 160,000.00	2,800.00 7.77	1.76%
Federal Home Ln Mtg Corp Medium Term Nts 1.625% Dtd 04/27/2017 Due 07/27/2020 Callable	40,000.000	39,881.60 40,000.00	650.00 115.55	1.63%
Federal Home Ln Mtg Corp 2.00% Dtd 04/26/2017 Due 10/26/2021 Callable	120,000.000	119,343.60 120,000.00	2,400.00 433.33	2.01%
Federal Natl Mtg Assn 1.50% Dtd 04/27/2015 Due 06/22/2020 Non-Callable	25,000.000	24,949.75 25,315.00	375.00 9.37	1.50%
Federal Natl Mtg Assn 1.50% Dtd 10/19/2015 Due 11/30/2020 Non-Callable	25,000.000	24,858.75 25,259.50	375.00 32.29	1.51%
Federal Natl Mtg Assn 1.875% Dtd 11/16/2015 Due 12/28/2020 Non-Callable	40,000.000	40,248.00 40,878.40	750.00 6.24	1.86%
Federal Natl Mtg Assn 1.25% Dtd 09/30/2016 Due 09/30/2019 Callable	60,000.000	59,548.20 59,985.00	750.00 189.58	1.26%
Federal Natl Mtg Assn 1.80% Dtd 11/30/2016 Due 05/26/2021 Callable	100,000.000	99,317.00 100,000.00	1,800.00 175.00	1.81%
Federal Home Ln Mtg Corp 1.75% Dtd 04/16/2012 Due 05/30/2019 Non-Callable	25,000.000	25,168.50 25,421.25	437.00 37.67	1.74%

WBSD - EMERGENCY CAPITAL RESERVE

Account Number:
Statement Period:

04/01/17 - 06/30/17

Asset Position As of 06/30/17

Asset Description	Units	Market Value Cost	Est. Annual Income Accruals	Current Yield
Federal Home Ln Mtg Corp 1.25% Dtd 10/02/2012 Due 10/02/2019 Non-Callable	25,000.000	24,862.50 25,161.25	312.00 77.25	1.26%
Federal Natl Mtg Assn Gtd Passthru CTF Pool #257264 5.500% Dtd 05/01/2008 Due 06/01/2018 IPD24	22,048.860	22,256.56 26,760.64	1,212.00 101.05	5.45%
Federal Natl Mtg Assn Gtd Passthru CTF Pool #386765 5.420% Dtd 01/01/2004 Due 01/01/2019 IPD24	47,477.280	48,912.52 52,321.03	2,573.00 214.43	5.26%
Federal Natl Mtg Assn Gtd Passthru CTF Pool #AM5156 2.080% Dtd 01/01/2014 Due 01/01/2019 IPD24	61,040.620	60,978.36 61,203.12	1,269.00 105.80	2.08%
Federal Natl Mtg Assn Gtd Passthru CTF Pool #470344 2.740% Dtd 02/01/2012 Due 01/01/2019 IPD24	120,124.170	121,679.78 125,003.46	3,291.00 274.28	2.70%
Federal Home Ln Mtg Corp Multiclass Mtg Partn Cifs Gtd Ser 2958 CI Qj 4.00% Dtd 04/01/2005 Due 04/15/2020 IPD14	39,334.980	40,052.16 43,308.15	1,573.00 131.11	3.93%
Federal Natl Mtg Assn Gtd REMIC Passthru Tr REMIC Tr Ser 2009 M1 CI A2 4.287% Dtd 10/01/2009 Due 07/25/2019 IPD24	84,548.720	87,444.27 91,663.88	3,624.00 302.05	4.15%
Federal Natl Mtg Assn Gtd Passthru CTF Pool #797828 5.000% Dtd 04/01/2005 Due 04/01/2020 IPD24	52,496.510	54,173.77 58,059.01	2,624.00 218.73	4.85%
Federal Natl Mtg Assn Gtd Passthru CTF Pool #819257 5.000% Dtd 05/01/2005 Due 04/01/2020 IPD24	11,459.470	11,571.77 13,745.18	572.00 47.74	4.95%
Federal Natl Mtg Assn Gtd Passthru CTF Pool #MA0125 4.500% Dtd 06/01/2009 Due 07/01/2019 IPD24	3,437.390	3,520.02 5,758.72	154.00 12.89	4.39%
Fifth Third Bancorp Sr Nt 2.30% Dtd 02/28/2014 Due 03/01/2019 Callable	250,000.000	251,015.00 250,952.50	5,750.00 1,916.66	2.29%
Florida St Brd Admin Fin Corp Rev Bds 2016a Taxable 2.163% Dtd 03/08/2016 Due 07/01/2019 Callable	55,000.000	55,311.85 56,190.75	1,189.00 594.82	2.15%

WBSD - EMERGENCY CAPITAL RESERVE

 Account Number:
 Statement Period:

04/01/17 - 06/30/17

Asset Position As of 06/30/17

Asset Description	Units	Market Value Cost	Est. Annual Income Accruals	Current Yield
Lloyds Bank PLC Sr Glbl Nt 2.35% Dtd 09/05/2014 Due 09/05/2019 Non-Callable	250,000.000	251,732.50 250,450.00	5,875.00 1,893.05	2.33%
Mattel Inc Sr Glbl Nt 2.35% Dtd 05/06/2014 Due 05/06/2019 Callable	250,000.000	249,905.00 250,000.00	5,875.00 897.56	2.35%
Morgan Stanley D W Disc Srmtns Sr Nt Flt Var Rate Dtd 11/30/2010 Due 11/30/2019 Non-Callable	50,000.000	50,969.00 49,062.50	1,500.00 504.16	2.94%
Ohio St Dev Assistance GO Bds 2009b Taxable 6.52% Dtd 06/18/2009 Due 10/01/2028 Prerefunded 10/01/2019 @ 100.000 Callable	45,000.000	49,871.25 49,258.80	2,934.00 733.50	5.88%
Small Business Admin Gtd Ln Pool Cfs 6.85% Dtd 07/16/1997 Due 07/01/2017	7,740.740	7,743.29 16,801.27	530.00 433.70	6.85%
Small Business Admin Gtd Ln Pool Cfs 6.30% Dtd 05/12/1999 Due 05/01/2019	4,523.830	4,594.67 8,265.54	285.00 88.95	6.20%
Small Business Admin Gtd Ln Pool Cfs 7.19% Dtd 12/15/1999 Due 12/01/2019	6,896.450	7,101.48 19,420.42	495.00 131.67	6.98%
Small Business Admin Gtd Ln Pool Cfs 7.59% Dtd 01/12/2000 Due 01/01/2020	14,461.480	15,019.40 19,809.37	1,097.00 598.42	7.31%
Small Business Admin Gtd Ln Pool Cfs 4.34% Dtd 03/17/2004 Due 03/01/2024	21,043.190	21,816.53 27,512.15	913.00 335.50	4.19%
Small Business Admin Gtd Ln Pool Cfs 5.71% Dtd 06/13/2007 Due 06/01/2027	10,112.700	10,886.83 14,499.69	577.00 48.04	5.30%
Small Business Admin Gtd Ln Pool Cfs 3.31% Dtd 05/13/2009 Due 05/01/2019	6,544.180	6,614.66 7,070.71	216.00 47.13	3.27%
Small Business Admin Gtd Ln Pool Cfs #508468 Prime -0.175 Adj Quarterly Dtd 06/01/2008 Due 04/25/2020	29,684.850	30,207.30 31,803.06	912.00 29.42	3.02%

WBSD - EMERGENCY CAPITAL RESERVE

 Account Number:
 Statement Period:

04/01/17 - 06/30/17

Asset Position As of 06/30/17

Asset Description	Units	Market Value Cost	Est. Annual Income Accruals	Current Yield
Small Business Admin Gtd Ln Pool Ctfs 4.084% Dtd 03/29/2011 Due 03/10/2021	17,757.720	18,556.99 19,290.76	725.00 261.76	3.91%
Suntrust Bks Inc Sr Gbl 2.50% Dtd 05/01/2014 Due 05/01/2019 Callable	35,000.000	35,328.30 35,105.35	875.00 145.83	2.48%
Tennessee Valley Auth Pwr Bd 2008 B 4.50% Dtd 03/12/2008 Due 04/01/2018 Non-Callable	225,000.000	230,256.00 232,346.25	10,125.00 2,531.25	4.40%
Toronto Dominion Bank Fr 2.25% Dtd 11/05/2014 Due 11/05/2019 Non-Callable	250,000.000	251,855.00 250,940.00	5,625.00 875.00	2.23%
Western Un Co Cr Sen Sr Gbl 3.35% Dtd 11/22/2013 Due 05/22/2019 Callable	250,000.000	254,800.00 252,985.00	8,375.00 907.29	3.29%
Total Fixed Income		\$ 4,977,473.88 \$ 5,056,677.02	153,187.00 28,472.90	3.08%
Cash				
Principal Cash		0.00 0.00	0.00	0.00%
Income Cash		0.00 0.00	0.00	0.00%
Total Cash		\$ 0.00 \$ 0.00	0.00 0.00	0.00%
Total Market Value		\$ 5,260,296.68 \$ 5,339,499.82	155,647.00 28,566.46	2.96%
Total Market Value Plus Accruals		\$ 5,288,863.14		

Income Activity

	Date	Income Cash	Principal Cash
Interest Income			
Bank of The West Advantage Acct Int To 03/31/17	04/03/17		53.64
Int To 04/30/17	05/01/17		63.81
Int To 05/31/17	06/01/17		106.98

WBSD - EMERGENCY CAPITAL RESERVE

 Account Number:
 Statement Period:

04/01/17 - 06/30/17

Income Activity

	Date	Income Cash	Principal Cash
Blackrock Inc Nt 5.00% Dtd 12/10/2009 Due 12/10/2019 Callable Int To 06/10/17 on 250,000	06/12/17		6,250.00
Federal Home Ln Mtg Corp Partn Gold Group #G13107 5.500% Dtd 03/01/2008 Due 07/01/2020 IPD14 Int For March 2017 on 36322.99	04/17/17		166.48
Int For April 2017 on 32980.83	05/15/17		151.16
Int For May 2017 on 30730.44	06/15/17		140.85
Federal Home Ln Mtg Corp Partn Gold Group #G11940 5.500% Dtd 03/01/2006 Due 05/01/2020 IPD14 Int For March 2017 on 41882.53	04/17/17		191.96
Int For April 2017 on 39334.87	05/15/17		180.28
Int For May 2017 on 37307.06	06/15/17		170.99
Federal Home Loan Bks Cons Bds 2.25% Dtd 12/30/2016 Due 12/30/2021 Callable Int 12/30/16 To 06/30/17 on 100000	06/30/17		1,125.00
Federal Farm Cr Bks Cons Systemwide Bds Var Rate Dtd 10/09/2015 Due 04/09/2018 Non-Callable Int To 04/09/17 on 50,000	04/10/17		38.73
Int To 05/09/17 on 50,000	05/09/17		43.10
Int To 06/09/17 on 50,000	06/09/17		44.75
Federal Home Loan Bks Cons Bds 5.375% Dtd 12/02/2002 Due 11/15/2017 Non-Callable Int To 05/15/17 on 200,000	05/15/17		5,375.00
Federal Home Loan Bks Cons Bds 4.125% Dtd 11/13/2009 Due 12/13/2019 Non-Callable Int To 06/13/17 on 50,000	06/13/17		1,031.25
Federal Home Loan Bks Cons Bds 3.125% Dtd 12/30/2010 Due 12/08/2017 Non-Callable Int To 06/08/17 on 295,000	06/08/17		4,609.37
Federal Home Loan Bks Cons Bds 1.125% Dtd 07/03/2013 Due 06/09/2017 Non-Callable Int To 06/09/17 on 80,000	06/09/17		450.00

WBSD - EMERGENCY CAPITAL RESERVE

 Account Number:
 Statement Period:

04/01/17 - 06/30/17

Income Activity			
	Date	Income Cash	Principal Cash
Federal Home Ln Mtg Corp 2.00% Dtd 01/30/2017 Due 10/28/2020 Callable Int 01/30/17 To 04/28/17 on 200000	04/28/17		977.78
Federal Home Ln Mtg Corp 1.75% Dtd 12/30/2016 Due 12/30/2020 Callable Int 12/30/16 To 06/30/17 on 160000	06/30/17		1,400.00
Federal Natl Mtg Assn 1.50% Dtd 04/27/2015 Due 06/22/2020 Non-Callable Int To 06/22/17 on 25,000	06/22/17		187.50
Federal Natl Mtg Assn 1.50% Dtd 10/19/2015 Due 11/30/2020 Non-Callable Int To 05/30/17 on 25,000	05/30/17		187.50
Federal Natl Mtg Assn 1.875% Dtd 11/16/2015 Due 12/28/2020 Non-Callable Int To 06/28/17 on 40,000	06/28/17		375.00
Federal Natl Mtg Assn 1.80% Dtd 11/30/2016 Due 05/26/2021 Callable Int 11/30/16 To 05/26/17 on 100000	05/26/17		880.00
Federal Home Ln Mtg Corp 1.75% Dtd 04/16/2012 Due 05/30/2019 Non-Callable Int To 05/30/17 on 25,000	05/30/17		218.75
Federal Home Ln Mtg Corp 1.25% Dtd 10/02/2012 Due 10/02/2019 Non-Callable Int To 04/02/17 on 25,000	04/03/17		156.25
Federal Natl Mtg Assn Gtd Passthru CTF Pool #257264 5.500% Dtd 05/01/2008 Due 06/01/2018 IPD24 Int For March 2017 on 32334.90 Int For April 2017 on 28844.62 Int For May 2017 on 24881.68	04/25/17 05/25/17 06/26/17		148.20 132.20 114.04
Federal Natl Mtg Assn Gtd Passthru CTF Pool #386765 5.420% Dtd 01/01/2004 Due 01/01/2019 IPD24 Int For March 2017 on 47891.73 Int For April 2017 on 47754.27	04/25/17 05/25/17		216.31 215.69

WBSD - EMERGENCY CAPITAL RESERVE

 Account Number:
 Statement Period:

04/01/17 - 06/30/17

Income Activity

	Date	Income Cash	Principal Cash
Int For May 2017 on 47616.12	06/26/17		215.07
Federal Natl Mtg Assn Gtd Passthru CTF Pool #AM5156 2.080% Dtd 01/01/2014 Due 01/01/2019 IPD24			
Int For March 2017 on 61344.21	04/25/17		109.87
Int For April 2017 on 61245.65	05/25/17		106.16
Int For May 2017 on 61139.89	06/26/17		109.51
Federal Natl Mtg Assn Gtd Passthru CTF Pool #470344 2.740% Dtd 02/01/2012 Due 01/01/2019 IPD24			
Int For March 2017 on 120730.95	04/25/17		284.86
Int For April 2017 on 120534.74	05/25/17		275.22
Int For May 2017 on 120322.03	06/26/17		283.89
Federal Home Ln Mtg Corp Multiclass Mtg Partn Ctfs Gtd Ser 2958 CI Qj 4.00% Dtd 04/01/2005 Due 04/15/2020 IPD14			
Int To 04/01/17 on 47213.56	04/17/17		157.38
Int To 05/01/17 on 44171.31	05/15/17		147.24
Int To 06/01/17 on 41935.11	06/15/17		139.78
Federal Natl Mtg Assn Gtd REMIC Passthru Tr REMIC Tr Ser 2009 M1 CI A2 4.287% Dtd 10/01/2009 Due 07/25/2019 IPD24			
Int To 04/01/17 on 85274.08	04/25/17		304.64
Int To 05/01/17 on 85142	05/25/17		304.17
Prepayment Penalty	05/25/17		5.53
Int To 06/01/17 on 84681.69	06/26/17		302.53
Federal Natl Mtg Assn Gtd Passthru CTF Pool #797828 5.000% Dtd 04/01/2005 Due 04/01/2020 IPD24			
Int For March 2017 on 61642.67	04/25/17		256.84
Int For April 2017 on 56543.75	05/25/17		235.60
Int For May 2017 on 54503.63	06/26/17		227.10
Federal Natl Mtg Assn Gtd Passthru CTF Pool #819257 5.000% Dtd 05/01/2005 Due 04/01/2020 IPD24			
Int For March 2017 on 12418.06	04/25/17		51.74
Int For April 2017 on 12099.99	05/25/17		50.42
Int For May 2017 on 11780.46	06/26/17		49.09
Federal Natl Mtg Assn Gtd Passthru CTF Pool #MA0125 4.500% Dtd 06/01/2009 Due 07/01/2019 IPD24			
Int For March 2017 on 4265.86	04/25/17		16.00
Int For April 2017 on 3933.13	05/25/17		14.75
Int For May 2017 on 3688.01	06/26/17		13.83

WBSD - EMERGENCY CAPITAL RESERVE

 Account Number:
 Statement Period:

04/01/17 - 06/30/17

Income Activity			
	Date	Income Cash	Principal Cash
Mattel Inc Sr Gbl Nt 2.35% Dtd 05/06/2014 Due 05/06/2019 Callable Int To 05/06/17 on 250,000	05/08/17		2,937.50
Morgan Stanley D W Disc Srmtns Sr Nt Flt Var Rate Dtd 11/30/2010 Due 11/30/2019 Non-Callable Int To 05/30/17 on 50,000	05/30/17		383.33
Ohio St Dev Assistance GO Bds 2009b Taxable 6.52% Dtd 06/18/2009 Due 10/01/2028 Prerefunded 10/01/2019 @ 100.000 Callable Int To 04/01/17 on 45,000	04/03/17		1,467.00
Small Business Admin Gtd Ln Pool Ctfs 6.30% Dtd 05/12/1999 Due 05/01/2019 Int To 04/15/17 on 5733.54	05/01/17		180.61
Small Business Admin Gtd Ln Pool Ctfs 7.19% Dtd 12/15/1999 Due 12/01/2019 Int To 05/16/17 on 10648.91	06/01/17		382.83
Small Business Admin Gtd Ln Pool Ctfs 5.71% Dtd 06/13/2007 Due 06/01/2027 Int To 05/16/17 on 11854.90	06/01/17		345.85
Small Business Admin Gtd Ln Pool Ctfs 3.31% Dtd 05/13/2009 Due 05/01/2019 Int To 04/15/17 on 8243.23	05/01/17		136.43
Small Business Admin Gtd Ln Pool Ctfs #508468 Prime -0.175 Adj Quarterly Dtd 06/01/2008 Due 04/25/2020 Int To 03/01/17 on 32337.74 Int To 04/01/17 on 31336.14 Int To 04/29/17 on 30510.24	04/25/17 05/25/17 06/26/17		96.34 93.36 97.25
Suntrust Bks Inc Sr Gbl 2.50% Dtd 05/01/2014 Due 05/01/2019 Callable Int To 05/01/17 on 35,000	05/01/17		437.50

WBSD - EMERGENCY CAPITAL RESERVE

 Account Number:
 Statement Period:

04/01/17 - 06/30/17

Income Activity

	Date	Income Cash	Principal Cash
Tennessee Valley Auth Pwr Bd 2008 B 4.50% Dtd 03/12/2008 Due 04/01/2018 Non-Callable Int To 04/01/17 on 225,000	04/03/17		5,062.50
Toronto Dominion Bank Fr 2.25% Dtd 11/05/2014 Due 11/05/2019 Non-Callable Int To 05/05/17 on 250,000	05/05/17		2,812.50
Western Un Co Cr Sen Sr Gbl 3.35% Dtd 11/22/2013 Due 05/22/2019 Callable Int To 05/22/17 on 250,000	05/22/17		4,187.50
Total Interest Income		\$ 0.00	\$ 47,684.29
Purchased Income			
Federal Home Loan Bks Cons Bds Step Cpn Dtd 04/27/2017 Due 04/27/2022 Callable Accrued Int To 05/18/17 Paid on Purchase of 120,000	05/18/17		-87.50
Federal Home Ln Mtg Corp 2.00% Dtd 04/26/2017 Due 10/26/2021 Callable Accrued Int To 05/18/17 Paid on Purchase of 120,000	05/18/17		-146.67
Total Purchased Income		\$ 0.00	\$ -234.17
Total Income		\$ 0.00	\$ 47,450.12

Disbursement Activity

	Date	Income Cash	Principal Cash
Fees/Expenses			
Monthly Fee To 03/31/17	04/14/17		-779.00
Monthly Fee To 04/30/17	05/15/17		-779.55
Monthly Fee To 05/31/17	06/15/17		-781.49
Total Fees/Expenses		\$ 0.00	\$ -2,340.04
Total Disbursements		\$ 0.00	\$ -2,340.04

WBSD - EMERGENCY CAPITAL RESERVE

 Account Number:
 Statement Period:

04/01/17 - 06/30/17

Purchase Activity

	Date	Income Cash	Principal Cash
Bank of The West Advantage Acct Purchases (24) 04/01/17 To 06/30/17	06/30/17		-484,738.92
Federal Home Loan Bks Cons Bds Step Cpn Dtd 04/27/2017 Due 04/27/2022 Callable Purchased 120000 05/17/17 From BOK Financial Securities, Inc. @ 99.775	05/18/17		-119,730.00
Federal Farm Cr Bks Cons Systemwide Bds 2.19% Dtd 04/05/2017 Due 10/05/2021 Callable Purchased 60000 03/29/17 From D A Davidson & Co @ 100	04/05/17		-60,000.00
Federal Home Ln Mtg Corp Medium Term Nts 1.625% Dtd 04/27/2017 Due 07/27/2020 Callable Purchased 40000 04/17/17 From BOK Financial Securities, Inc. @ 100	04/27/17		-40,000.00
Federal Home Ln Mtg Corp 2.00% Dtd 04/26/2017 Due 10/26/2021 Callable Purchased 120000 05/17/17 From D A Davidson & Co @ 100	05/18/17		-120,000.00
Total Purchases		\$ 0.00	\$ -824,468.92

Sale Activity

	Date	Proceeds	Realized Gain/Loss
Bank of The West Advantage Acct Sales (6) 04/01/17 To 06/30/17	06/30/17	342,304.21	
Federal Home Ln Mtg Corp Partn Gold Group #G13107 5.500% Dtd 03/01/2008 Due 07/01/2020 IPD14 Prin Pmt For March 2017	04/17/17	3,342.16	
Prin Pmt For April 2017	05/15/17	2,250.39	
Prin Pmt For May 2017	06/15/17	2,511.23	
Federal Home Ln Mtg Corp Partn Gold Group #G11940 5.500% Dtd 03/01/2006 Due 05/01/2020 IPD14 Prin Pmt For March 2017	04/17/17	2,547.66	

WBSD - EMERGENCY CAPITAL RESERVE
Account Number:
Statement Period:

04/01/17 - 06/30/17

Sale Activity

	Date	Proceeds	Realized Gain/Loss
Prin Pmt For April 2017	05/15/17	2,027.81	
Prin Pmt For May 2017	06/15/17	2,171.05	
Federal Home Loan Bks Cons Bds 2.25% Dtd 12/30/2016 Due 12/30/2021 Callable			
Full Call @ 100 on 06/30/17 100,000 Par Value	06/30/17	100,000.00	
Federal Home Loan Bks Cons Bds 1.125% Dtd 07/03/2013 Due 06/09/2017 Non-Callable			
Recd Proceeds on Maturity of 80,000 Par Value	06/09/17	80,000.00	
Federal Home Ln Mtg Corp 2.00% Dtd 01/30/2017 Due 10/28/2020 Callable			
Full Call @ 100 on 04/28/17 200,000 Par Value	04/28/17	200,000.00	
Federal Natl Mtg Assn Gtd Passthru CTF Pool #257264 5.500% Dtd 05/01/2008 Due 06/01/2018 IPD24			
Prin Pmt For March 2017	04/25/17	3,490.28	
Prin Pmt For April 2017	05/25/17	3,962.94	
Prin Pmt For May 2017	06/26/17	2,832.82	
Federal Natl Mtg Assn Gtd Passthru CTF Pool #386765 5.420% Dtd 01/01/2004 Due 01/01/2019 IPD24			
Prin Pmt For March 2017	04/25/17	137.46	
Prin Pmt For April 2017	05/25/17	138.15	
Prin Pmt For May 2017	06/26/17	138.84	
Federal Natl Mtg Assn Gtd Passthru CTF Pool #AM5156 2.080% Dtd 01/01/2014 Due 01/01/2019 IPD24			
Prin Pmt For March 2017	04/25/17	98.56	
Prin Pmt For April 2017	05/25/17	105.76	
Prin Pmt For May 2017	06/26/17	99.27	
Federal Natl Mtg Assn Gtd Passthru CTF Pool #470344 2.740% Dtd 02/01/2012 Due 01/01/2019 IPD24			
Prin Pmt For March 2017	04/25/17	196.21	
Prin Pmt For April 2017	05/25/17	212.71	
Prin Pmt For May 2017	06/26/17	197.86	

WBSD - EMERGENCY CAPITAL RESERVE

 Account Number:
 Statement Period:

04/01/17 - 06/30/17

	Sale Activity		
	Date	Proceeds	Realized Gain/Loss
Federal Home Ln Mtg Corp Multiclass			
Mtg Partn Ctfs Gtd Ser 2958			
CI Qj 4.00% Dtd 04/01/2005 Due			
04/15/2020 IPD14			
Prin Pmt For 04/01/17	04/17/17	3,042.25	
Prin Pmt For 05/01/17	05/15/17	2,236.20	
Prin Pmt For 06/01/17	06/15/17	2,600.13	
Federal Natl Mtg Assn Gtd REMIC			
Passthru Tr REMIC Tr Ser 2009 M1			
CI A2 4.287% Dtd 10/01/2009 Due			
07/25/2019 IPD24			
Prin Pmt For 04/01/17	04/25/17	132.08	
Prin Pmt For 05/01/17	05/25/17	460.31	
Prin Pmt For 06/01/17	06/26/17	132.97	
Federal Natl Mtg Assn Gtd Passthru			
CTF Pool #797828 5.000% Dtd			
04/01/2005 Due 04/01/2020 IPD24			
Prin Pmt For March 2017	04/25/17	5,098.92	
Prin Pmt For April 2017	05/25/17	2,040.12	
Prin Pmt For May 2017	06/26/17	2,007.12	
Federal Natl Mtg Assn Gtd Passthru			
CTF Pool #819257 5.000% Dtd			
05/01/2005 Due 04/01/2020 IPD24			
Prin Pmt For March 2017	04/25/17	318.07	
Prin Pmt For April 2017	05/25/17	319.53	
Prin Pmt For May 2017	06/26/17	320.99	
Federal Natl Mtg Assn Gtd Passthru			
CTF Pool #MA0125 4.500% Dtd			
06/01/2009 Due 07/01/2019 IPD24			
Prin Pmt For March 2017	04/25/17	332.73	
Prin Pmt For April 2017	05/25/17	245.12	
Prin Pmt For May 2017	06/26/17	250.62	
Small Business Admin Gtd Ln Pool			
Ctfs 6.30% Dtd 05/12/1999 Due			
05/01/2019			
Prin Pmt For 04/15/17	05/01/17	1,209.71	
Small Business Admin Gtd Ln Pool			
Ctfs 7.19% Dtd 12/15/1999 Due			
12/01/2019			
Prin Pmt For 05/16/17	06/01/17	3,752.46	
Small Business Admin Gtd Ln Pool			
Ctfs 5.71% Dtd 06/13/2007 Due			
06/01/2027			
Prin Pmt For 05/16/17	06/01/17	1,742.20	

WBSD - EMERGENCY CAPITAL RESERVE

 Account Number:
 Statement Period:

04/01/17 - 06/30/17

Sale Activity			
	Date	Proceeds	Realized Gain/Loss
Small Business Admin Gtd Ln Pool Ctfs 3.31% Dtd 05/13/2009 Due 05/01/2019 Prin Pmt For 04/15/17	05/01/17	1,699.05	
Small Business Admin Gtd Ln Pool Ctfs #508468 Prime -0.175 Adj Quarterly Dtd 06/01/2008 Due 04/25/2020 Prin Pmt For 03/01/17	04/25/17	1,001.60	
Prin Pmt For 04/01/17	05/25/17	825.90	
Prin Pmt For 04/29/17	06/26/17	825.39	
Total Sales		\$ 779,358.84	\$ 0.00

Non-Cash Activity		
	Date	Cost
Blackrock Inc Nt 5.00% Dtd 12/10/2009 Due 12/10/2019 Callable Amortization of Premium	06/09/17	-3,422.50
Federal Home Loan Bks Cons Bds 5.375% Dtd 12/02/2002 Due 11/15/2017 Non-Callable Amortization of Premium	05/15/17	-4,402.00
Federal Home Loan Bks Cons Bds 4.125% Dtd 11/13/2009 Due 12/13/2019 Non-Callable Amortization of Premium	06/13/17	-634.00
Federal Home Loan Bks Cons Bds 3.125% Dtd 12/30/2010 Due 12/08/2017 Non-Callable Amortization of Premium	06/08/17	-3,250.90
Federal Home Loan Bks Cons Bds 1.125% Dtd 07/03/2013 Due 06/09/2017 Non-Callable Amortization of Premium	06/09/17	-170.40
Federal Natl Mtg Assn 1.50% Dtd 04/27/2015 Due 06/22/2020 Non-Callable Amortization of Premium	06/22/17	-51.50

WBSD - EMERGENCY CAPITAL RESERVE

 Account Number:
 Statement Period:

04/01/17 - 06/30/17

Non-Cash Activity

	Date	Cost
Federal Natl Mtg Assn 1.50% Dtd 10/19/2015 Due 11/30/2020 Non-Callable Amortization of Premium	05/30/17	-36.25
Federal Natl Mtg Assn 1.875% Dtd 11/16/2015 Due 12/28/2020 Non-Callable Amortization of Premium	06/28/17	-122.40
Federal Home Ln Mtg Corp 1.75% Dtd 04/16/2012 Due 05/30/2019 Non-Callable Amortization of Premium	05/30/17	-104.00
Federal Home Ln Mtg Corp 1.25% Dtd 10/02/2012 Due 10/02/2019 Non-Callable Amortization of Premium	04/03/17	-31.75
Ohio St Dev Assistance GO Bds 2009b Taxable 6.52% Dtd 06/18/2009 Due 10/01/2028 Prerefunded 10/01/2019 @ 100.000 Callable Amortization of Premium	04/03/17	-819.45
Suntrust Bks Inc Sr Gbl 2.50% Dtd 05/01/2014 Due 05/01/2019 Callable Amortization of Premium	05/01/17	-25.55
Tennessee Valley Auth Pwr Bd 2008 B 4.50% Dtd 03/12/2008 Due 04/01/2018 Non-Callable Amortization of Premium	04/03/17	-3,640.50
Western Un Co Cr Sen Sr Gbl 3.35% Dtd 11/22/2013 Due 05/22/2019 Callable Amortization of Premium	05/22/17	-578.00
Amortization of Premium	05/22/17	-144.50
Total Non-Cash Transactions		\$ -17,433.70

SECURITY PRICES CONTAINED IN THIS STATEMENT ARE OBTAINED FROM THE MOST RELIABLE SOURCES AVAILABLE BUT ARE NOT GUARANTEED BY BANK OF THE WEST. QUOTED PRICES MAY NOT EQUAL ACTUAL PRICES BECAUSE OF SECURITY SIZE, MARKET PRICE, TERM AND DEMAND.

Recycled Water Cash Flow



Received
JUL 17 2017
 West Bay
 Sanitary District

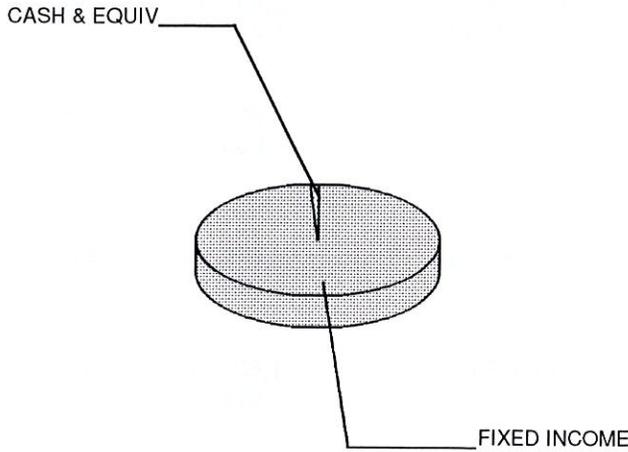
WBSD - RECYCLED WATER CASH FLOW AGY

Account Number:
 Statement Period: 04/01/17 - 06/30/17

WEST BAY SANITARY DISTRICT
 RECYCLED WATER CASH FLOW
 500 LAUREL STREET
 MENLO PARK CA 94025

Administrator
 Chuen Ying Lee
 (408) 645-3234
Investment
 Michael D. Smith
 (408) 490-2079

Asset Allocation



Asset Valuation

Description	Market Value	% of Account
Cash & Equiv	117,112.26	1.5%
Fixed Income	7,859,323.02	98.5%
Total Portfolio	\$ 7,976,435.28	100.0%
Accrued Income	63,170.36	
Total Valuation	\$ 8,039,605.64	

Market Reconciliation

	Current Period	Year To Date
Beginning Market Value	\$ 8,019,370.75	\$ 8,000,127.25
Income		
Interest	34,455.00	88,338.74
Disbursements	-3,561.11	-8,082.04
Realized Gains/(Losses)	0.00	0.00
Change In Accrued Income	14,805.00	9,960.30
Change In Market Appreciation/(Depreciation)	-15,788.63	-32,067.79
Non-Cash Asset Changes	-9,675.37	-18,670.82
Ending Market Value	\$ 8,039,605.64	\$ 8,039,605.64





WBSD - RECYCLED WATER CASH FLOW AGY

Account Number:
Statement Period:

04/01/17 - 06/30/17

Asset Position As of 06/30/17

Asset Description	Units	Market Value Cost	Est. Annual Income Accruals	Current Yield
Cash Equivalents				
Bank of The West Advantage Acct	117,112.260	117,112.26 117,112.26	1,018.00 72.13	0.87%
Total Cash Equivalents		\$ 117,112.26 \$ 117,112.26	1,018.00 72.13	0.87%
Fixed Income				
American Express Cr Corp Mtnbe Fr 1.80% Dtd 07/31/2015 Due 07/31/2018 Callable	300,000.000	300,072.00 300,822.00	5,400.00 2,265.00	1.80%
Carson Calif Redev AGY Success Taxable Ref Bds 2016 A Taxable 2.00% Dtd 12/22/2016 Due 02/01/2018 Non-Callable	100,000.000	99,955.00 100,000.00	2,000.00 833.33	2.00%
Caterpillar Finl Svcs Mtns Fr 5.85% Dtd 09/04/2007 Due 09/01/2017 Non-Callable	325,000.000	327,180.75 332,904.00	19,012.00 6,337.50	5.81%
Colorado St Brd Governors Univ Rev and Ref Bds 2016 A Taxable 1.625% Dtd 12/20/2016 Due 03/01/2018 Non-Callable	100,000.000	100,043.00 100,000.00	1,625.00 541.66	1.62%
Consolidated Edison Co N Y Inc Sr 2008 A Db 5.85% Dtd 04/04/2008 Due 04/01/2018 Callable	250,000.000	257,865.00 260,897.50	14,625.00 3,656.25	5.67%
Deere John Cap Corp Mtns Fr 5.35% Dtd 04/03/2008 Due 04/03/2018 Non-Callable	215,000.000	221,385.50 223,453.80	11,502.00 2,811.72	5.20%
Des Moines Iowa Area Cmnty Col Taxable New Jobs Trainin A Taxable 2.00% Dtd 12/15/2016 Due 06/01/2018 Non-Callable	100,000.000	100,450.00 100,743.00	2,000.00 166.66	1.99%
Des Moines Iowa Area Cmnty Col Taxable New Jobs Trainin B Taxable 2.00% Dtd 12/15/2016 Due 06/01/2018 Non-Callable	100,000.000	100,288.00 100,743.00	2,000.00 166.66	1.99%
Federal Home Loan Bks Cons Bds 0.875% Dtd 08/26/2016 Due 10/01/2018 Non-Callable	235,000.000	233,608.80 233,983.62	2,056.00 514.06	0.88%



WBSD - RECYCLED WATER CASH FLOW AGY

Account Number:
 Statement Period:

04/01/17 - 06/30/17

Asset Position As of 06/30/17

Asset Description	Units	Market Value Cost	Est. Annual Income Accruals	Current Yield
Federal Farm Cr Bks Cons Systemwide Bds 0.73% Dtd 11/14/2016 Due 05/14/2018 Non-Callable	456,000.000	454,390.32 454,688.64	3,328.00 434.59	0.73%
Federal Home Ln Mtg Corp 1.00% Dtd 09/27/2012 Due 09/27/2017 Callable	225,000.000	224,948.25 225,245.25	2,250.00 587.50	1.00%
Federal Home Ln Mtg Corp 1.20% Dtd 03/28/2016 Due 12/28/2018 Callable	250,000.000	248,610.00 249,240.00	3,000.00 774.99	1.21%
Federal Natl Mtg Assn 1.125% Dtd 06/08/2015 Due 07/20/2018 Non-Callable	170,000.000	169,673.60 170,314.50	1,912.00 855.31	1.13%
Federal Natl Mtg Assn 2.40% Dtd 10/20/2010 Due 10/20/2017 Callable	438,000.000	439,949.10 441,355.08	10,512.00 2,073.20	2.39%
Federal Home Ln Mtg Corp 0.75% Dtd 04/07/2016 Due 04/09/2018 Non-Callable	450,000.000	448,312.50 449,219.21	3,375.00 768.75	0.75%
Federal Natl Mtg Assn Gtd Passthru CTF Pool #469679 2.960% Dtd 11/01/2011 Due 11/01/2018 IPD24	400,000.000	405,628.00 410,125.00	11,840.00 986.66	2.92%
Hsbc USA Inc New Sr Nt 1.50% Dtd 11/13/2014 Due 11/13/2017 Non-Callable	300,000.000	299,847.00 300,213.00	4,500.00 600.00	1.50%
Kansas City MO Arpt Rev Gen Impt Ref Bds A AMT 5.00% Dtd 07/31/2013 Due 09/01/2018 Non-Callable	250,000.000	260,662.50 262,357.50	12,500.00 4,166.66	4.80%
Los Angeles Calif Mun Impt COR Taxable Ref Bds 2015 A Taxable 2.344% Dtd 11/19/2015 Due 11/01/2018 Callable	100,000.000	100,819.00 101,500.00	2,344.00 390.66	2.32%
Milpitas Calif Redev AGY Succe Ref Bds 4.00% Dtd 03/18/2015 Due 09/01/2017 Non-Callable	125,000.000	125,616.25 126,802.50	5,000.00 1,666.66	3.98%
Mukwonago Wis Wtrwks Sys & Sew Rev Bds 2016 C Taxable 4.00% Dtd 12/21/2016 Due 12/01/2017 Non-Callable	125,000.000	126,192.50 126,550.00	5,000.00 416.66	3.96%





WBSD - RECYCLED WATER CASH FLOW AGY

Account Number:
Statement Period:

04/01/17 - 06/30/17

Asset Position As of 06/30/17

Asset Description	Units	Market Value Cost	Est. Annual Income Accruals	Current Yield
New Hampshire St Hsg Fin Auth Rev Ref Bds 2016 A Taxable 1.666% Dtd 12/21/2016 Due 01/01/2018 Non-Callable	345,000.000	344,734.35 346,107.45	5,747.00 3,033.50	1.67%
New York St Dorm Auth Revs Non Rev Bds 3.00% Dtd 12/07/2016 Due 07/01/2018 Non-Callable	300,000.000	305,487.00 307,881.00	9,000.00 5,100.00	2.95%
Sacramento Calif City Uni Sch GO Ref Sch Bds 5.00% Dtd 06/30/2011 Due 07/01/2018 Non-Callable	135,000.000	140,408.10 142,188.75	6,750.00 3,375.00	4.81%
Toyota Motor Credit Corp Fr 1.45% Dtd 01/12/2015 Due 01/12/2018 Non-Callable	300,000.000	300,177.00 300,576.00	4,350.00 2,042.08	1.45%
United Parcel Service Inc Sr Nt 5.50% Dtd 01/15/2008 Due 01/15/2018 Callable	125,000.000	127,651.25 130,358.75	6,875.00 3,170.13	5.39%
US Treasury Note 0.875% Dtd 01/15/2015 Due 01/15/2018	400,000.000	399,396.00 399,656.25	3,500.00 1,614.64	0.88%
US Treasury Note 2.625% Dtd 01/31/2011 Due 01/31/2018	400,000.000	403,340.00 406,568.13	10,500.00 4,379.83	2.60%
US Treasury Note 0.75% Dtd 12/31/2012 Due 12/31/2017	285,000.000	284,444.25 284,432.23	2,137.00 5.80	0.75%
Wachovia Corp Global MTN Nt 5.75% Dtd 01/31/2008 Due 02/01/2018 Non-Callable	300,000.000	307,026.00 312,249.00	17,250.00 7,187.50	5.62%
Wyandotte Cnty Kans Uni Sch Di GO Impt Bds B Taxable 2.05% Dtd 12/20/2016 Due 09/01/2018 Non-Callable	200,000.000	201,162.00 201,968.00	4,100.00 2,175.27	2.04%
Total Fixed Income		\$ 7,859,323.02 \$ 7,903,143.16	195,990.00 63,098.23	2.49%
Cash				
Principal Cash		0.00 0.00	0.00	0.00%
Income Cash		0.00 0.00	0.00	0.00%



WBSD - RECYCLED WATER CASH FLOW AGY

Account Number:
Statement Period: 04/01/17 - 06/30/17

Asset Position As of 06/30/17

Asset Description	Units	Market Value Cost	Est. Annual Income Accruals	Current Yield
Total Cash		\$ 0.00 \$ 0.00	0.00 0.00	0.00%
Total Market Value		\$ 7,976,435.28 \$ 8,020,255.42	197,008.00 63,170.36	2.47%
Total Market Value Plus Accruals		\$ 8,039,605.64		

Income Activity

	Date	Income Cash	Principal Cash
Interest Income			
Bank of The West Advantage Acct			
Int To 03/31/17	04/03/17		37.70
Int To 04/30/17	05/01/17		56.11
Int To 05/31/17	06/01/17		65.74
Consolidated Edison Co N Y Inc Sr 2008 A Db 5.85% Dtd 04/04/2008 Due 04/01/2018 Callable			
Int To 04/01/17 on 250,000	04/03/17		7,312.50
Deere John Cap Corp Mtns Fr 5.35% Dtd 04/03/2008 Due 04/03/2018 Non-Callable			
Int To 04/03/17 on 215,000	04/03/17		5,751.25
Des Moines Iowa Area Cmnty Col Taxable New Jobs Trainin A Taxable 2.00% Dtd 12/15/2016 Due 06/01/2018 Non-Callable			
Int 12/15/16 To 06/01/17 on 100000	06/01/17		922.22
Des Moines Iowa Area Cmnty Col Taxable New Jobs Trainin B Taxable 2.00% Dtd 12/15/2016 Due 06/01/2018 Non-Callable			
Int 12/15/16 To 06/01/17 on 100000	06/01/17		922.22
Federal Home Loan Bks Cons Bds 0.875% Dtd 08/26/2016 Due 10/01/2018 Non-Callable			
Int To 04/01/17 on 235,000	04/03/17		1,028.12
Federal Farm Cr Bks Cons Systemwide Bds 0.73% Dtd 11/14/2016 Due 05/14/2018 Non-Callable			
Int 11/14/16 To 05/14/17 on 456000	05/15/17		1,664.40





WBSD - RECYCLED WATER CASH FLOW AGY

Account Number:
Statement Period:

04/01/17 - 06/30/17

Income Activity			
	Date	Income Cash	Principal Cash
Federal Natl Mtg Assn 2.40% Dtd 10/20/2010 Due 10/20/2017 Callable Int To 04/20/17 on 438,000	04/20/17		5,256.00
Federal Home Ln Mtg Corp 0.75% Dtd 04/07/2016 Due 04/09/2018 Non-Callable Int To 04/09/17 on 450,000	04/10/17		1,687.50
Federal Natl Mtg Assn Gtd Passthru CTF Pool #469679 2.960% Dtd 11/01/2011 Due 11/01/2018 IPD24 Int For March 2017 on 400000	04/25/17		1,019.55
Int For April 2017 on 400000	05/25/17		986.67
Int For May 2017 on 400000	06/26/17		1,019.55
Hsbc USA Inc New Sr Nt 1.50% Dtd 11/13/2014 Due 11/13/2017 Non-Callable Int To 05/13/17 on 300,000	05/15/17		2,262.50
Los Angeles Calif Mun Impt COR Taxable Ref Bds 2015 A Taxable 2.344% Dtd 11/19/2015 Due 11/01/2018 Callable Int To 05/01/17 on 100,000	05/01/17		1,172.00
Mukwonago Wis Wtrwks Sys & Sew Rev Bds 2016 C Taxable 4.00% Dtd 12/21/2016 Due 12/01/2017 Non-Callable Int 12/21/16 To 06/01/17 on 125000	06/01/17		2,222.22
US Treasury Note 0.75% Dtd 12/31/2012 Due 12/31/2017 Int To 06/30/17 on 285,000	06/30/17		1,068.75
Total Interest Income		\$ 0.00	\$ 34,455.00
Total Income		\$ 0.00	\$ 34,455.00

Disbursement Activity			
	Date	Income Cash	Principal Cash
Fees/Expenses			
Monthly Fee To 03/31/17	04/14/17		-1,186.13
Monthly Fee To 04/30/17	05/15/17		-1,187.97



WBSD - RECYCLED WATER CASH FLOW AGY

Account Number:
Statement Period:

04/01/17 - 06/30/17

Disbursement Activity

	Date	Income Cash	Principal Cash
Monthly Fee To 05/31/17	06/15/17		-1,187.01
Total Fees/Expenses		\$ 0.00	\$ -3,561.11
Total Disbursements		\$ 0.00	\$ -3,561.11

Purchase Activity

	Date	Income Cash	Principal Cash
Bank of The West Advantage Acct Purchases (11) 04/01/17 To 06/30/17	06/30/17		-34,455.00
Total Purchases		\$ 0.00	\$ -34,455.00

Sale Activity

	Date	Proceeds	Realized Gain/Loss
Bank of The West Advantage Acct Sales (3) 04/01/17 To 06/30/17	06/30/17	3,561.11	
Total Sales		\$ 3,561.11	\$ 0.00

Non-Cash Activity

	Date	Cost
Consolidated Edison Co N Y Inc Sr 2008 A Db 5.85% Dtd 04/04/2008 Due 04/01/2018 Callable Amortization of Premium	04/03/17	-3,175.00
Deere John Cap Corp Mtns Fr 5.35% Dtd 04/03/2008 Due 04/03/2018 Non-Callable Amortization of Premium	04/03/17	-2,509.05
Des Moines Iowa Area Cmnty Col Taxable New Jobs Trainin A Taxable 2.00% Dtd 12/15/2016 Due 06/01/2018 Non-Callable Amortization of Premium	06/01/17	-339.00





WBSD - RECYCLED WATER CASH FLOW AGY

Account Number:
Statement Period:

04/01/17 - 06/30/17

Non-Cash Activity		
	Date	Cost
Des Moines Iowa Area Cmnty Col Taxable New Jobs Trainin B Taxable 2.00% Dtd 12/15/2016 Due 06/01/2018 Non-Callable Amortization of Premium	06/01/17	-339.00
Federal Home Loan Bks Cons Bds 0.875% Dtd 08/26/2016 Due 10/01/2018 Non-Callable Accretion of Discount	04/03/17	203.27
Federal Farm Cr Bks Cons Systemwide Bds 0.73% Dtd 11/14/2016 Due 05/14/2018 Non-Callable Accretion of Discount	05/12/17	553.68
Federal Natl Mtg Assn 2.40% Dtd 10/20/2010 Due 10/20/2017 Callable Amortization of Premium	04/20/17	-2,378.34
Federal Home Ln Mtg Corp 0.75% Dtd 04/07/2016 Due 04/09/2018 Non-Callable Accretion of Discount	04/28/17	83.94
Accretion of Discount	05/31/17	83.94
Accretion of Discount	06/30/17	83.94
Hsbc USA Inc New Sr Nt 1.50% Dtd 11/13/2014 Due 11/13/2017 Non-Callable Amortization of Premium	05/12/17	-180.00
Los Angeles Calif Mun Impt COR Taxable Ref Bds 2015 A Taxable 2.344% Dtd 11/19/2015 Due 11/01/2018 Callable Amortization of Premium	05/01/17	-395.00
Mukwonago Wis Wtrwks Sys & Sew Rev Bds 2016 C Taxable 4.00% Dtd 12/21/2016 Due 12/01/2017 Non-Callable Amortization of Premium	06/01/17	-1,368.75
Total Non-Cash Transactions		\$ -9,675.37

SECURITY PRICES CONTAINED IN THIS STATEMENT ARE OBTAINED FROM THE MOST RELIABLE SOURCES AVAILABLE BUT ARE NOT GUARANTEED BY BANK OF THE WEST. QUOTED PRICES MAY NOT EQUAL ACTUAL PRICES BECAUSE OF SECURITY SIZE, MARKET PRICE, TERM AND DEMAND.



**WEST BAY SANITARY DISTRICT
AGENDA ITEM 7F**

To: Board of Directors

**From: Bill Kitajima, Projects & IT Manager
Adam Slusser, Engineering Technician**

**Subject: Consideration of Resolution Consenting to Annexation of
Territory to the West Bay Sanitary District by the San Mateo
County Local Agency Formation Commission – 109 Santa Maria
Avenue, Portola Valley (076-236-010)**

Background

The owners of the property located at 109 Santa Maria Ave., Portola Valley, CA have requested that the Local Agency Formation Commission (LAFCo) annex their property into the West Bay Sanitary District for the purposes of obtaining sanitary sewer service. The parcel is a single-family residence that will need to extend and connect to the existing gravity sewer main located on Wayside Road.

Analysis

Attached for the Board's review is the description of the property to be annexed (Exhibit A) and the LAFCo Resolution No. 1208 (Exhibit B) approving the annexation.

Fiscal Impact

Property owner has paid all required annexation fees (including reimbursement), and the fiscal impact would be additional sewer service charge revenue to the District once the parcel is connected.

Recommendation

The Projects Manager recommends that the District Board approve the Resolution as presented.

Attachments: Resolution _____ (2017)
Site Location
Exhibit A – Legal description
Exhibit B – LAFCo resolution

RESOLUTION NO. ____ (2017)

IN THE DISTRICT BOARD OF THE WEST BAY SANITARY DISTRICT

COUNTY OF SAN MATEO, STATE OF CALIFORNIA

A Resolution Consenting to the Annexation of 109 Santa Maria Avenue (APN 076-236-010) to the West Bay Sanitary District

WHEREAS:

1. A petition for annexation of the property described herein to this District was initiated by the property owners.
2. The Local Agency Formation Commission of San Mateo County assigned the following distinctive short-form designation: Annexation of 109 Santa Maria Avenue (076-236-010), Portola Valley, CA
3. The property to be annexed is described as follows:
See Exhibit "A" attached hereto and by this reference made a part hereof.
4. The said property is uninhabited.
5. The conditions of annexation are:
 - a. In the event that, pursuant to rules, regulations or ordinances of the District, as now or hereafter amended, the District shall require any payment of a fixed or determinable amount of money either as a lump sum or installments, for the acquisition, transfer, use or right of use of all or any part of the existing property, real or personal, of the District, such payment will be made to the District in the manner and at the time as provided by rules, regulations or ordinances of the District, as now or hereafter amended.
 - b. Upon and after the effective date of said annexation, the territory, and all persons entitled to vote by reason of residing or owning land within the territory, shall be subject to the jurisdiction of the District; shall have the same rights and duties as if the territory had been a part of the District upon its original formation; shall be liable for the payment of principal, interest and any other amounts which shall become due on account of any outstanding or then-authorized but thereafter issued bonds, including revenue bonds, or other contracts or obligations of the District; shall be subject to the levying or fixing and collection of any and all taxes, assessments, service charges, rentals or rates as may be necessary to provide for such payment; and shall be subject to all of the rates, rules, regulations and ordinances of the District, as now or hereafter amended.

6. The proposed annexation is for the interest of the landowners and present and future inhabitants within the District and within the said property to be annexed.
7. The Local Agency Formation Commission of San Mateo County has adopted Resolution 1208 (Exhibit B) ordering annexation of the referenced territory to the West Bay Sanitary District.

NOW, THEREFORE, BE IT RESOLVED that:

- a. The above described property, pursuant to the order of the San Mateo County Local Agency Formation Commission, is hereby annexed to the West Bay Sanitary District, and the District Manager is directed to make such distribution of this Resolution as is required by law or is desirable.
- b. Pursuant to Government Code Section 56837, the District consents to waiver conducting authority proceedings.
- c. The regular San Mateo County Assessment Roll will be used to collect sewer service charges.
- d. The territory will not be taxed for bonded indebtedness.

Passed and adopted by the District Board of the West Bay Sanitary District at a regular meeting thereof held on the 26th day of July, 2017 by the following vote:

Ayes:

Noes:

Abstain:

Absent:

President of the District Board of the West Bay
Sanitary District of San Mateo County, State of
California

Attest:

Secretary of the District Board of the West
Bay Sanitary District of San Mateo County,
State of California

SITE MAP: 109 SANTA MARIA AVE.



**109 SANTA MARIA AVE.
PORTOLA VALLEY, CA**

10

EXHIBIT A

"EXHIBIT A"

Date: January 27, 2017

Annexed to: West Bay Sanitary District

Name of Annexation: West Bay Sanitary

Geographic Description Lands of Philomena, LLC and CTJ, LLC

All that certain real property, situate in the Town of Portola Valley, County of San Mateo, State of California, being all of Lot 10, Block 3, and a portion of Santa Maria Avenue as shown on that certain map entitled "Map of Subdivision No. 1 Woodside Highlands, San Mateo County California", filed May 13, 1926, in Book 13 of Maps at Pages 67 to 70, San Mateo County Records, more particularly described as follows:

Beginning at the most Northerly corner of said Lot 10, said point being on the Easterly right of way line of said Santa Maria Avenue; thence leaving last said line and along the Northeasterly line of said lot, South 74°20'00" East, 100.00 feet to the Northeasterly corner of said lot; thence along the Easterly and Southeasterly lines of said lot, South 15°40'00" West, 40.76 feet and South 60°01'00" West, 82.26 feet to the most Southerly corner of said lot; thence along the Southwesterly line of said lot, North 29°59'00" West, 100.00 feet to the most Westerly corner of said lot, said point being on said Easterly right of way of said Santa Maria Avenue; thence leaving last said line, North 29°59'00" West, 15.00 feet to the centerline of said Santa Maria Avenue, thence along last said line, North 60°01'00" East, 26.84 feet; thence leaving last said line, South 74°20'00" East, 20.98 feet to the **Point of Beginning**.

Containing 0.20 acres, more or less.

APN: 079-101-320

For assessment purposes only. This description of land is not a legal property description as defined in the Subdivision Map Act and may not be used as the basis for an offer for sale of the land described.

APPROVED
SAN MATEO LOCAL AGENCY
FORMATION COMMISSION
455 COUNTY CENTER
REDWOOD CITY, CA 94063

EXHIBIT A PAGE 1 OF 2

DISCLAIMER:
 FOR ASSESSMENT PURPOSES ONLY. THIS
 DESCRIPTION OF LAND IS NOT A LEGAL
 PROPERTY DESCRIPTION AS DEFINED IN
 THE SUBDIVISION MAP ACT AND MAY NOT
 BE USED AS THE BASIS FOR AN OFFER
 FOR SALE OF THE LAND DESCRIBED.

APPROVED
 SAN MATEO LOCAL AGENCY
 FORMATION COMMISSION
 455 COUNTY CENTER
 REDWOOD CITY, CA 94063

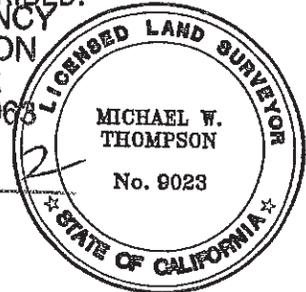
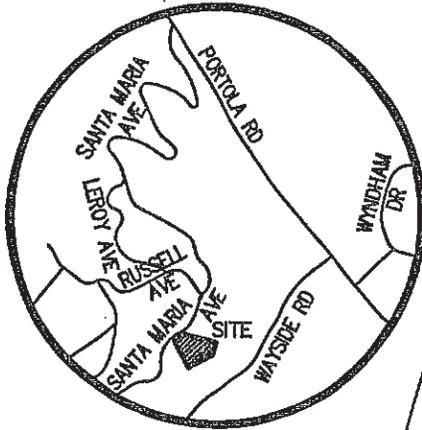
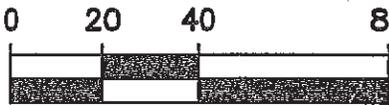
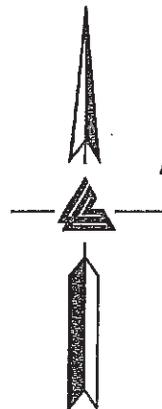
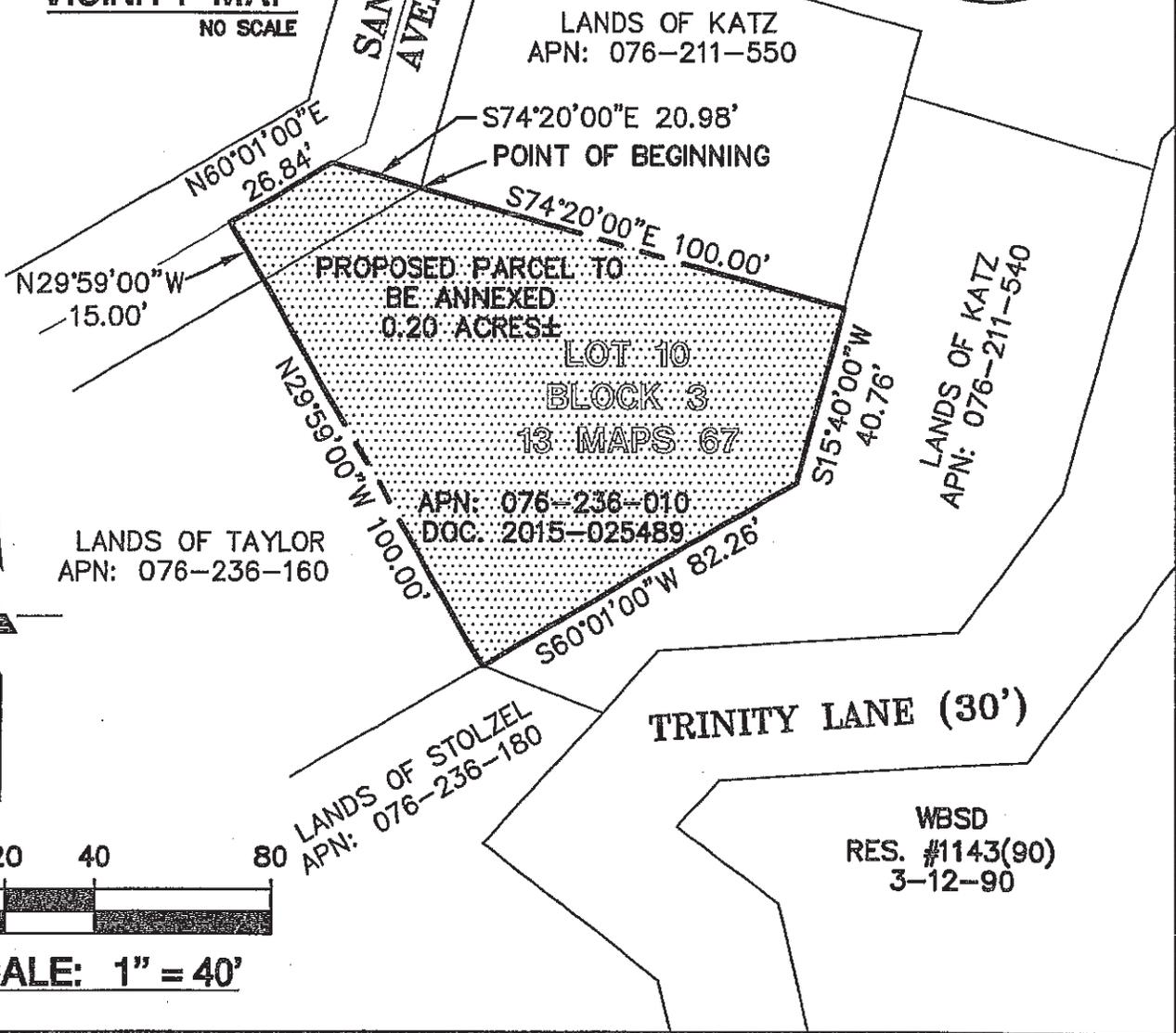


EXHIBIT A PAGE 2 OF 2



VICINITY MAP
 NO SCALE



SCALE: 1" = 40'

LEA & BRAZE ENGINEERING, INC.
 CIVIL ENGINEERS • LAND SURVEYORS

BAY AREA REGION 2495 INDUSTRIAL PKWY WEST HAYWARD, CALIFORNIA 94545 (P) (510) 887-4086 (F) (510) 887-3019	SACRAMENTO REGION 3017 DOUGLAS BLVD, # 300 ROSEVILLE, CA 95661 (P) (916) 966-1338 (F) (916) 797-7363
---	--

WWW.LEABRAZE.COM

EXHIBIT "B"
 PLAT TO ACCOMPANY LEGAL
 DESCRIPTION
 PROPOSED SEWER ANNEXATION
 109 SANTA MARIA AVENUE
 PORTOLA VALLEY, CALIFORNIA
 SAN MATEO COUNTY

JANUARY 2017

DRAWN BY: MT

JOB NO 2160039

7F-6

EXHIBIT B PAGE 1 OF 3

RESOLUTION NO. 1208

RESOLUTION OF THE LOCAL AGENCY FORMATION COMMISSION
OF THE COUNTY OF SAN MATEO
MAKING DETERMINATIONS, APPROVING LAFCO FILE 17-01--
ANNEXATION OF 109 SANTA MARIA AVENUE
TO WEST BAY SANITARY DISTRICT,
WAIVING CONDUCTING AUTHORITY PROCEEDINGS,
AND ORDERING SAID ANNEXATION

RESOLVED, by the Local Agency Formation Commission of the County of San Mateo, State of California, that

WHEREAS, a proposal for the annexation of certain territory to the West Bay Sanitary District in the County of San Mateo was heretofore filed with the Executive Officer of this Local Agency Formation Commission pursuant to Title 5, Division 3, commencing with Section 56000 of the Government Code; and

WHEREAS, the Executive Officer has reviewed the proposal and prepared a report, including her recommendations thereon, the proposal and report having been presented to and considered by this Commission; and

WHEREAS, it appears to the satisfaction of this Commission that all owners of the land included in the proposal consent to the proceeding; and

WHEREAS, a public hearing by this Commission was held on the proposal and at the hearing, this Commission heard and received all oral and written protests, objections, and evidence which were made, presented, or filed, and all persons present were given an opportunity to hear and be heard with respect to the proposal and the Executive Officer's report; and

WHEREAS, the Commission has waived conducting authority proceedings pursuant to government code Section 56663(c); and

NOW, THEREFORE, the Local Agency Formation Commission of the County of San Mateo DOES HEREBY RESOLVE, DETERMINE AND ORDER as follows:

Section 1. This proposal is approved, subject to the following conditions: None.

Section 2. The boundaries as set forth in the application are hereby approved as submitted and are as described in Exhibit "A" attached hereto and by this reference incorporated herein.

Section 3. The territory consists of 8,300 square feet, is found to be uninhabited, and is assigned the following distinctive short-form designation: Annexation of 109 Santa Maria Avenue (APN 076-236-010), Portola Valley, to West Bay Sanitary District.

Section 4. Conducting authority proceedings are hereby waived in accordance with Government Code Section 56663(c) and this annexation is hereby ordered.

APPROVED
SAN MATEO LOCAL AGENCY
FORMATION COMMISSION
455 COUNTY CENTER
REDWOOD CITY, CA 94063
EXHIBIT R PAGE 2 OF 3

Regularly passed and adopted this 15th day of March, 2017.

Ayes and in favor of said resolution:

APPROVED
SAN MATEO LOCAL AGENCY
FORMATION COMMISSION
455 COUNTY CENTER
REDWOOD CITY, CA 94063
EXHIBIT B PAGE 3 OF 3

Commissioners: Joshua Cosgrove
Ann Draper
Rich Garbarino
Ric Lohman
Mike O'Neill
Warren Slocum
Don Horsley, Chair

Noes and against said resolution:

Commissioner(s): None.

Commissioners Absent and/or Abstentions:

Commissioner(s): Joe Sheridan

Don Horsley
Chair
Local Agency Formation Commission
County of San Mateo
State of California

ATTEST:

Martha Poyatos
Martha Poyatos
Executive Officer
Local Agency Formation Commission

Date: 3-16-17

I certify that this is a true and correct copy of the resolution above set forth.

Jean Brook
Jean Brook
Clerk to the Commission
Local Agency Formation Commission

Date: 4-14-17

Regularly passed and adopted this 15th day of March, 2017.

Ayes and in favor of said resolution:

~~APPROVED~~
~~SAN MATEO LOCAL AGENCY~~
~~FORMATION COMMISSION~~
~~455 COUNTY CENTER~~
~~REDWOOD CITY, CA 94063~~
EXHIBIT B PAGE 3 OF 3

Commissioners:

- Joshua Cosgrove
- Ann Draper
- Rich Garbarino
- Ric Lohman
- Mike O'Neill
- Warren Slocum
- Don Horsley, Chair

Noes and against said resolution:

Commissioner(s): None.

Commissioners Absent and/or Abstentions:

Commissioner(s): Joe Sheridan

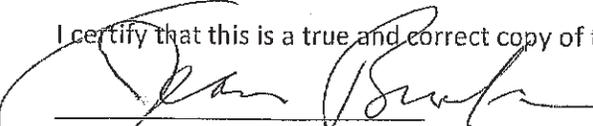

 Chair
 Local Agency Formation Commission
 County of San Mateo
 State of California

ATTEST:


 Martha Poyatos
 Executive Officer
 Local Agency Formation Commission

Date: 3-16-17

I certify that this is a true and correct copy of the resolution above set forth.


 Jean Brook
 Clerk to the Commission
 Local Agency Formation Commission

Date: 4-17-2017



LOCAL AGENCY FORMATION

455 COUNTY CENTER, 2ND FLOOR • REDWOOD CITY, CA 94063-1663

2017-033167 CONF

10:45 am 04/17/17 NC Fee: NO FEE

Count of pages 7

Recorded in Official Records

County of San Mateo

Mark Church

Assessor-County Clerk-Recorder



* R 0 0 0 2 3 8 2 4 7 3 *

CERTIFICATE OF COMPLETION

Pursuant to Government Code Section 57200, this Certificate is issued by the Executive Officer of the Local Agency Formation Commission of San Mateo County, California.

1. The short-form designation, as determined by LAFCo, is Annexation of 109 Santa Maria Avenue/APN 076-236-010 to the West Bay Sanitary District
2. The name of each district or city involved in this change of organization or reorganization and the kind or type of change of organization ordered for each city or district are as follows:

<u>City or District</u>	<u>Type of Change of Organization</u>
West Bay Sanitary District	Annexation

3. The above-listed cities and/or districts are located within the following counties: San Mateo County only.
4. A description of the boundaries of the above-cited change of organization or reorganization is shown on the attached map, marked Exhibit A and by reference incorporated herein.
5. The territory involved in this change of organization or reorganization is uninhabited.
6. This change of organization has been approved subject to the following terms and conditions, if any: None
7. The resolution confirming this change of organization was adopted on March 15, 2017 by LAFCo, is marked Exhibit B and by reference incorporated herein.

I hereby certify that I have examined the above-cited resolution, including any terms and conditions, and the map description and have found these documents to be in compliance with Resolution 1208, adopted on March 15, 2017.

Dated: April 17, 2017

Martha Poyatos
 Martha Poyatos
 Executive Officer

COMMISSIONERS: DON HORSLEY, CHAIR, County ▪ MIKE O'NEILL, VICE CHAIR, City ▪ JOSHUA COSGROVE, Special City ▪ ANN DRAPER, Public RICH GARBARINO, City ▪ JOE SHERIDAN, Special District ▪ WARREN SLOCUM, County

ALTERNATES: RIC LOHMAN, Special District ▪ RAY MUELLER, City ▪ SEPI RICHARDSON, Public ▪ DAVE PINE, County

STAFF: MARTHA POYATOS, EXECUTIVE OFFICER ▪ REBECCA ARCHER, LEGAL COUNSEL ▪ JEAN BROOK, COMMISSION CLERK

"EXHIBIT A"

Date: January 27, 2017

Annexed to: West Bay Sanitary District

Name of Annexation: West Bay Sanitary

**Geographic Description
Lands of Philomena, LLC and CTJ, LLC**

All that certain real property, situate in the Town of Portola Valley, County of San Mateo, State of California, being all of Lot 10, Block 3, and a portion of Santa Maria Avenue as shown on that certain map entitled "Map of Subdivision No. 1 Woodside Highlands, San Mateo County California", filed May 13, 1926, in Book 13 of Maps at Pages 67 to 70, San Mateo County Records, more particularly described as follows:

Beginning at the most Northerly corner of said Lot 10, said point being on the Easterly right of way line of said Santa Maria Avenue; thence leaving last said line and along the Northeasterly line of said lot, South 74°20'00" East, 100.00 feet to the Northeasterly corner of said lot; thence along the Easterly and Southeasterly lines of said lot, South 15°40'00" West, 40.76 feet and South 60°01'00" West, 82.26 feet to the most Southerly corner of said lot; thence along the Southwesterly line of said lot, North 29°59'00" West, 100.00 feet to the most Westerly corner of said lot, said point being on said Easterly right of way of said Santa Maria Avenue; thence leaving last said line, North 29°59'00" West, 15.00 feet to the centerline of said Santa Maria Avenue, thence along last said line, North 60°01'00" East, 26.84 feet; thence leaving last said line, South 74°20'00" East, 20.98 feet to the **Point of Beginning**.

Containing 0.20 acres, more or less.

APN: 079-101-320

For assessment purposes only. This description of land is not a legal property description as defined in the Subdivision Map Act and may not be used as the basis for an offer for sale of the land described.

APPROVED
SAN MATEO LOCAL AGENCY
FORMATION COMMISSION
455 COUNTY CENTER
REDWOOD CITY, CA 94063

EXHIBIT A PAGE 1 OF 2

DISCLAIMER:
 FOR ASSESSMENT PURPOSES ONLY. THIS
 DESCRIPTION OF LAND IS NOT A LEGAL
 PROPERTY DESCRIPTION AS DEFINED IN
 THE SUBDIVISION MAP ACT AND MAY NOT
 BE USED AS THE BASIS FOR AN OFFER
 FOR SALE OF THE LAND DESCRIBED.

APPROVED
 SAN MATEO LOCAL AGENCY
 FORMATION COMMISSION
 455 COUNTY CENTER
 REDWOOD CITY, CA 94063

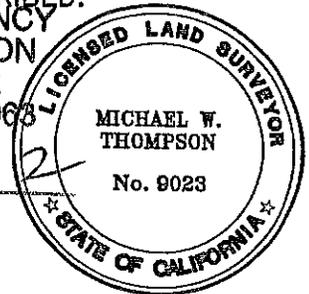
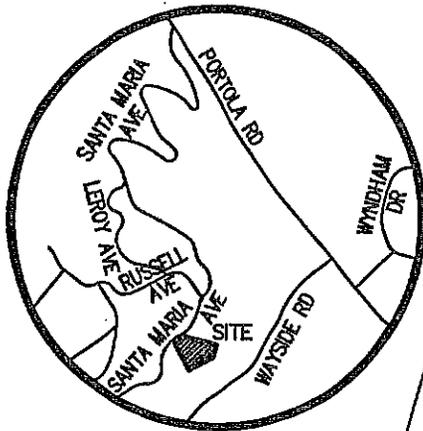
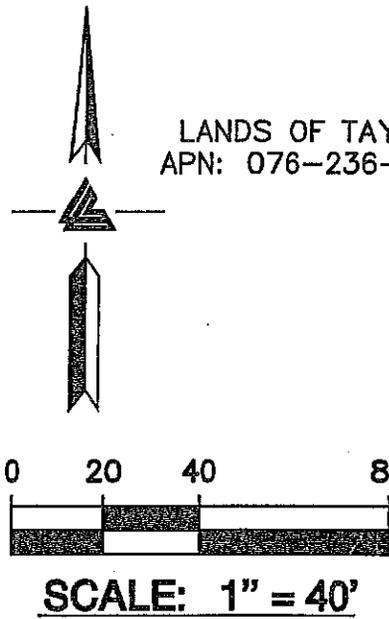
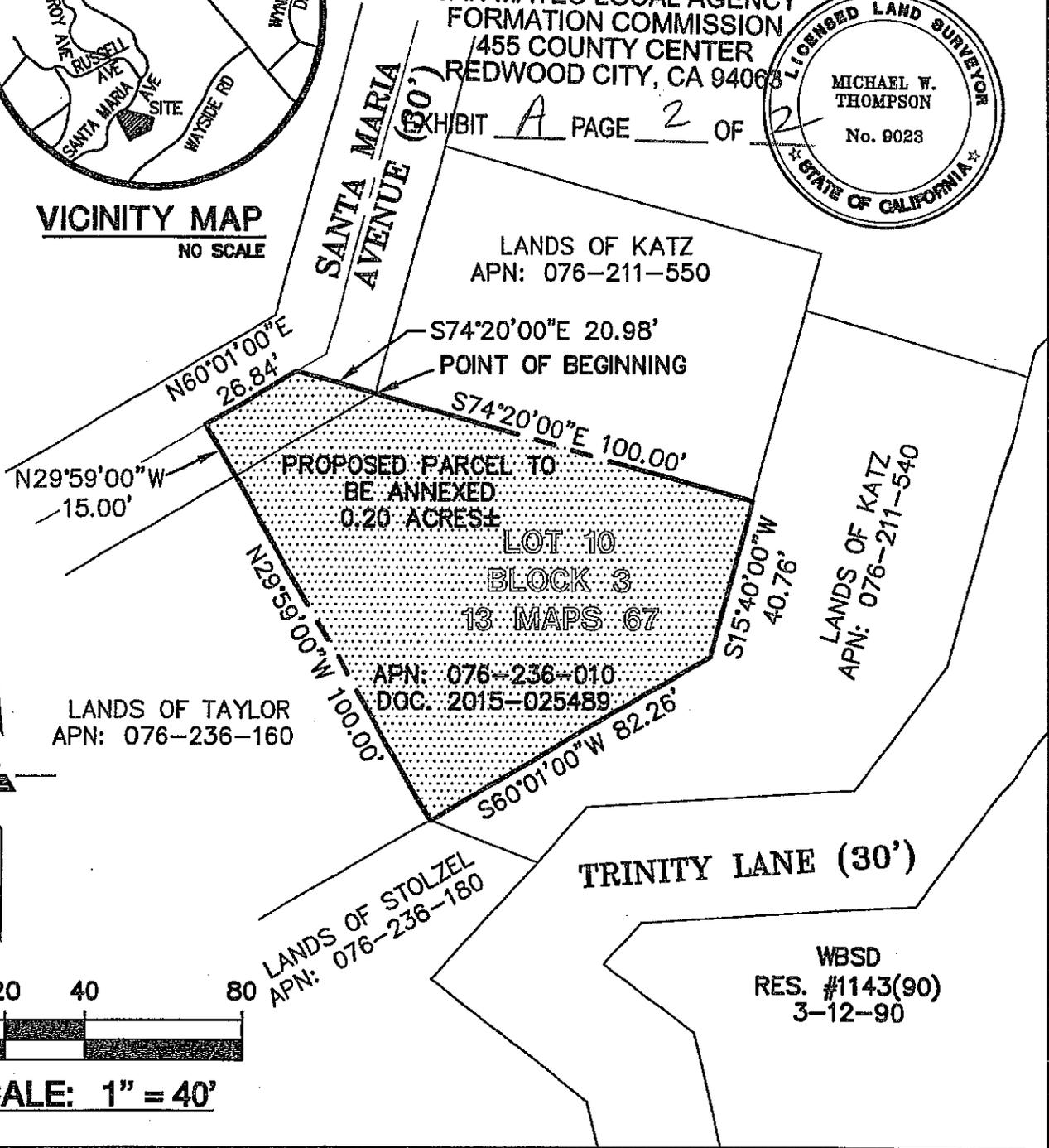


EXHIBIT A PAGE 2 OF 2



VICINITY MAP
 NO SCALE



LEA & BRAZE ENGINEERING, INC.

CIVIL ENGINEERS • LAND SURVEYORS

BAY AREA REGION 2495 INDUSTRIAL PKWY WEST HAYWARD, CALIFORNIA 94545 (P) (510) 887-4086 (F) (510) 887-3019	SACRAMENTO REGION 3017 DOUGLAS BLVD, # 300 ROSEVILLE, CA 95661 (P) (916) 966-1338 (F) (916) 797-7363
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EXHIBIT "B"
 PLAT TO ACCOMPANY LEGAL
 DESCRIPTION
 PROPOSED SEWER ANNEXATION
 109 SANTA MARIA AVENUE
 PORTOLA VALLEY, CALIFORNIA
 SAN MATEO COUNTY

JANUARY 2017

DRAWN BY: MT

JOB NO 2160039
 7F-13

EXHIBIT B PAGE 1 OF 3

RESOLUTION NO. 1208

RESOLUTION OF THE LOCAL AGENCY FORMATION COMMISSION
OF THE COUNTY OF SAN MATEO
MAKING DETERMINATIONS, APPROVING LAFCO FILE 17-01--
ANNEXATION OF 109 SANTA MARIA AVENUE
TO WEST BAY SANITARY DISTRICT,
WAIVING CONDUCTING AUTHORITY PROCEEDINGS,
AND ORDERING SAID ANNEXATION

RESOLVED, by the Local Agency Formation Commission of the County of San Mateo, State of California, that

WHEREAS, a proposal for the annexation of certain territory to the West Bay Sanitary District in the County of San Mateo was heretofore filed with the Executive Officer of this Local Agency Formation Commission pursuant to Title 5, Division 3, commencing with Section 56000 of the Government Code; and

WHEREAS, the Executive Officer has reviewed the proposal and prepared a report, including her recommendations thereon, the proposal and report having been presented to and considered by this Commission; and

WHEREAS, it appears to the satisfaction of this Commission that all owners of the land included in the proposal consent to the proceeding; and

WHEREAS, a public hearing by this Commission was held on the proposal and at the hearing, this Commission heard and received all oral and written protests, objections, and evidence which were made, presented, or filed, and all persons present were given an opportunity to hear and be heard with respect to the proposal and the Executive Officer's report; and

WHEREAS, the Commission has waived conducting authority proceedings pursuant to government code Section 56663(c); and

NOW, THEREFORE, the Local Agency Formation Commission of the County of San Mateo DOES HEREBY RESOLVE, DETERMINE AND ORDER as follows:

Section 1. This proposal is approved, subject to the following conditions: None.

Section 2. The boundaries as set forth in the application are hereby approved as submitted and are as described in Exhibit "A" attached hereto and by this reference incorporated herein.

Section 3. The territory consists of 8,300 square feet, is found to be uninhabited, and is assigned the following distinctive short-form designation: Annexation of 109 Santa Maria Avenue (APN 076-236-010), Portola Valley, to West Bay Sanitary District.

Section 4. Conducting authority proceedings are hereby waived in accordance with Government Code Section 56663(c) and this annexation is hereby ordered.

APPROVED
SAN MATEO LOCAL AGENCY
FORMATION COMMISSION
455 COUNTY CENTER
REDWOOD CITY, CA 94063
EXHIBIT R PAGE 2 OF 3

Regularly passed and adopted this 15th day of March, 2017.

Ayes and in favor of said resolution:

APPROVED
SAN MATEO LOCAL AGENCY
FORMATION COMMISSION
455 COUNTY CENTER
REDWOOD CITY, CA 94063
EXHIBIT B PAGE 3 OF 3

Commissioners: Joshua Cosgrove
Ann Draper
Rich Garbarino
Ric Lohman
Mike O'Neill
Warren Slocum
Don Horsley, Chair

Noes and against said resolution:

Commissioner(s): None.

Commissioners Absent and/or Abstentions:

Commissioner(s): Joe Sheridan

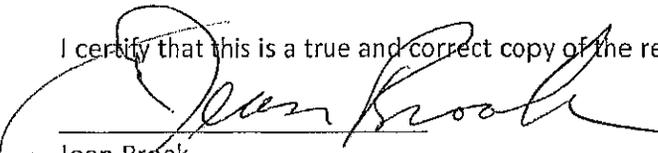

Chair
Local Agency Formation Commission
County of San Mateo
State of California

ATTEST:


Martha Poyatos
Executive Officer
Local Agency Formation Commission

Date: 3-16-17

I certify that this is a true and correct copy of the resolution above set forth.


Jean Brook
Clerk to the Commission
Local Agency Formation Commission

Date: 4-14-17

Regularly passed and adopted this 15th day of March, 2017.

Ayes and in favor of said resolution:

~~APPROVED~~
SAN MATEO LOCAL AGENCY
FORMATION COMMISSION
455 COUNTY CENTER
REDWOOD CITY, CA 94063

EXHIBIT B PAGE 3 OF 3

Commissioners:

- Joshua Cosgrove
- Ann Draper
- Rich Garbarino
- Ric Lohman
- Mike O'Neill
- Warren Slocum
- Don Horsley, Chair

Noes and against said resolution:

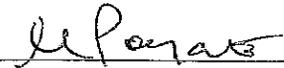
Commissioner(s): None.

Commissioners Absent and/or Abstentions:

Commissioner(s): Joe Sheridan

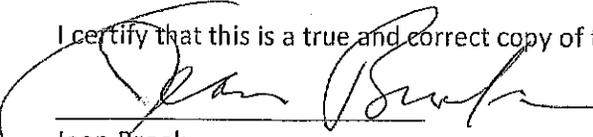

 Chair
 Local Agency Formation Commission
 County of San Mateo
 State of California

ATTEST:


 Martha Poyatos
 Executive Officer
 Local Agency Formation Commission

Date: 3-16-17

I certify that this is a true and correct copy of the resolution above set forth.


 Jean Brook
 Clerk to the Commission
 Local Agency Formation Commission

Date: 4-17-2017

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WEST BAY SANITARY DISTRICT AGENDA ITEM 7G

To: *Board of Directors*

From: *Bill Kitajima, Projects Manager
Adam Slusser, Engineering Technician*

Subject: *Consideration of the District Manager's Issuance of the Class 3 Permit for the Offsite Improvements on Oak Grove and Garwood Way Required for the Development Project at 1300 El Camino Real, Menlo Park, CA*

Background

The Developer (Greenheart Land Company/Real Social Good Investments) for the mentioned project is preparing to start the remaining and required offsite improvements (on Oak Grove Ave. and Garwood Way). These improvements have been agreed upon through a previously executed Agreement between the District and the Developer.

The construction for the utility relocation work associated with Derry Lane is near completion and has been inspected under a separate Class 3 permit.

Analysis

Approximately 635-LF of existing 8-IN sewer main line will be replaced with 12-IN pipe on Oak Grove Ave. to account for capacity issues associated with the new development. Also, 330-LF of existing 6-IN sewer main line will be replaced with 8-IN pipe on Garwood Way.

Fiscal Impact

None

Recommendation

The Projects Manager recommends the District Board adopt the resolution for the issuance of the Class 3 Permit associated with the remaining offsite improvements needed for the project.

Attachments: Resolution _____(2017)
Class 3 Permit (1069)
Site Map

RESOLUTION NO. ____ (2017)

RESOLUTION OF THE AUTHORIZATION FOR ISSUANCE OF THE CLASS 3 PERMIT (1069) FOR WORK ASSOCIATED WITH THE REMAINING OFFSITE IMPROVEMENTS REQUIRED FOR THE PROJECT AT 1300 EL CAMINO REAL, MENLO PARK, CA

WHEREAS, Greenheart Land Company/Real Good Social Investments (“**Developer**”) is Owner/Developer for the project at 1300 El Camino Real, Menlo Park, CA (“**Project**”), and

WHEREAS, The Developer for the mentioned Project is preparing to start the remaining and required offsite improvements, and

WHEREAS, An agreement between the District and the Developer (Greenheart Land Company/Real Social Good Investments) has been executed by all parties, and the construction of the remaining offsite improvements is part of that agreement, and

WHEREAS, This work will involve the replacement of approximately 635-LF of existing 8-IN sewer main line to 12-IN piping on Oak Grove Ave. to account for capacity issues associated with the new development, as well as the replacement of 330-LF of existing 6-IN sewer main line to 8-IN piping on Garwood Way, and

NOW, THEREFORE, BE IT RESOLVED that the District Board of the West Bay Sanitary District, County of San Mateo, State of California, does hereby ratify the issuance of the Class 3 Permit associated with the work required for the utility relocation needed for the Project.

PASSED AND ADOPTED by the District Board of the West Bay Sanitary District at a special meeting thereof held on 26th day of July, 2017, by the following votes:

Ayes:

Noes:

Absent:

Abstain:

President of the District Board of the
West Bay Sanitary District of San
Mateo County, State of California

Attest:

Secretary of the District Board of the
West Bay Sanitary District of San Mateo
County, State of California

WEST BAY SANITARY DISTRICT

500 Laurel Street
Menlo Park, California 94025
(650) 321-0384

Permit Number
No 1069

Type _____

APPLICATION FOR CLASS 3 SEWER PERMIT

To the WEST BAY SANITARY DISTRICT:

The undersigned, being the Owner Owner's Agent of the property located at

1300 El Camino Real, Menlo Park

does hereby request permission to construct sanitary sewers and related facilities to serve a

Residential Non-residential Development at said location.

ENGINEER'S

BKF Engineers

Name

255 Shoreline Dr. Suite 200

Address

Redwood City CA 94065

CONTRACTOR'S

WL Butler Construction Inc

Name

204 Franklin St, Redwood City

Address

94065

\$500

Receipt of \$ _____ Application Fee is hereby acknowledged

OWNER'S

Real Social Good Investment LLC

Name

421 High Street Palo Alto

Address

[Signature]

Applicant's Signature

Carlee Reich

Signed by - Please Print Name

421 High St, Palo Alto

Address

7-Recap 7/12/17

Date

Receipt of \$ 2,000 Cash deposit or Performance Bond

Comments

Upsizing Sewer Main on Oak Grove Ave.
and upsizing on Garwood Way, as well.

Approved by the District Board on _____

Application approved and permit issued:

WEST BAY SANITARY DISTRICT

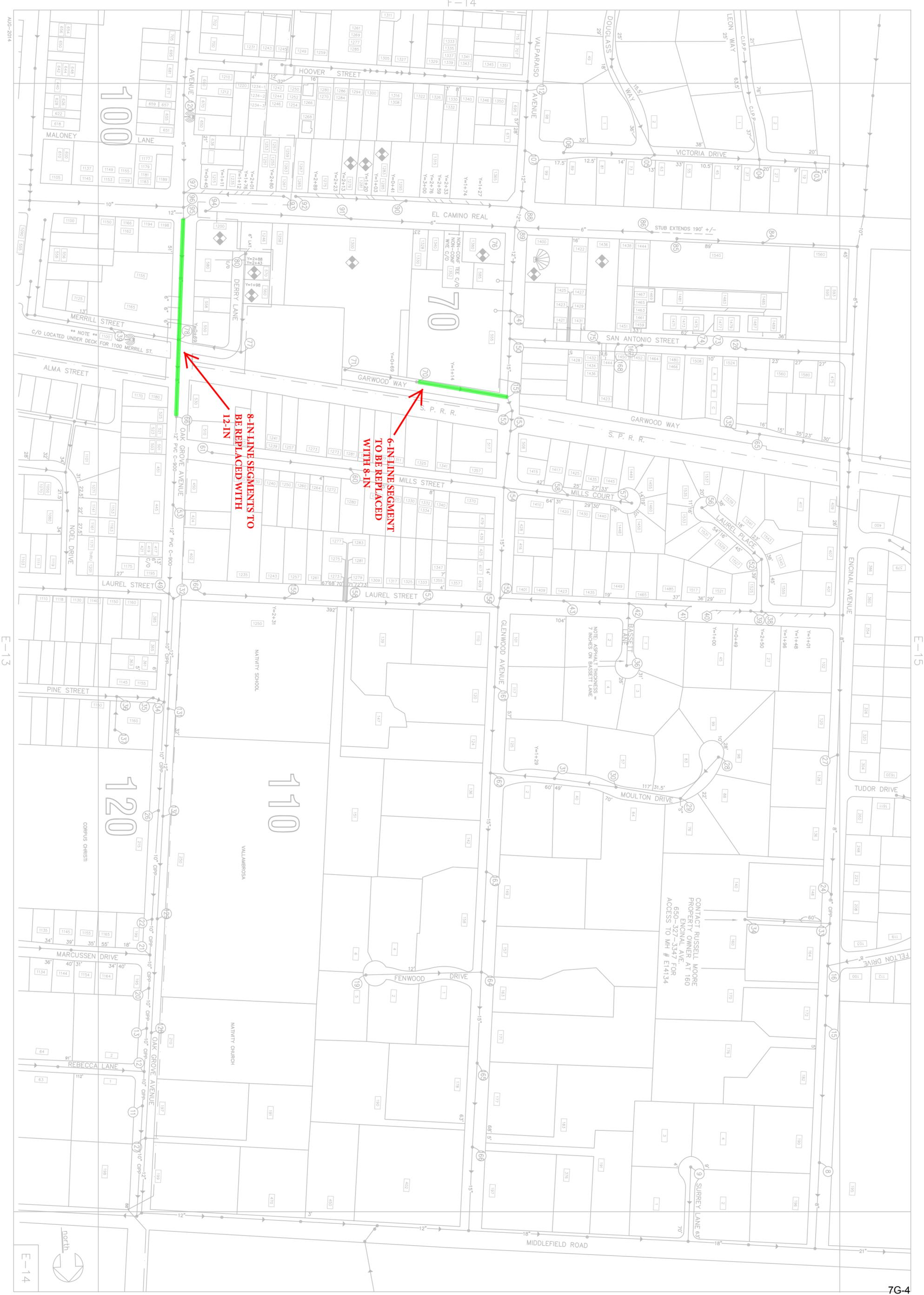
Phil Scott, District Manager

Date _____

By _____

Final Acceptance by the District Board on _____

SITE MAP: 1300 EL CAMINO REAL - PIPE SEGMENT REPLACEMENT



ALS-2014

E-13

E-15

E-14

F-14



**WEST BAY SANITARY DISTRICT
AGENDA ITEM 7H**

To: Board of Directors

**From: Bill Kitajima, Projects & IT Manager
Adam Slusser, Engineering Technician**

**Subject: Consideration of Authorizing the District Manager to Issue
Class 3 Sewer Permit No. 1070 for the Construction of Gravity
Sewer Connection and Main Line Extension for 777 Sharon Park
Drive, Menlo Park, California**

Background

This permit request is for the construction of a gravity connection and main line sewer extension (approx. 200-FT) that will connect to the existing gravity main along Sharon Park Drive to serve 777 Sharon Park Drive.

Analysis

The plans, profiles, and engineering calculations for the proposed facilities have been reviewed by staff and found to be in conformance with District requirements.

Fiscal Impact

None

Recommendation

The Projects & IT Manager recommends that the Board direct the District Manager to file the Notice of Exemption and authorize the District Manager to issue Class 3 Sewer Permit No. 1070.

Attachment: Resolution _____(2017)
Notice of Exemption
Class 3 Permit No. 1070
Site Map

RESOLUTION NO. _____ (2017)

IN THE DISTRICT BOARD OF THE WEST BAY SANITARY DISTRICT
COUNTY OF SAN MATEO, STATE OF CALIFORNIA

BE IT RESOLVED, by the District Board of West Bay Sanitary District, County of San Mateo, State of California, as follows:

ENVIRONMENTAL IMPACT REVIEW

Name of Project: 777 Sharon Park Drive – Gravity Main Line Extension and Connection

Location: 777 Sharon Park Drive, Menlo Park, California

Entity or Person Undertaking Project: Amit Haller/ISCA Assets 35, LLC.

Determination of the District Board:

This District Board of West Bay Sanitary District determines, upon Staff recommendation, that another public agency, specifically the San Mateo County LAFCo, is the lead agency for this project.

The District Board hereby certifies that it has reviewed the Negative Declaration prepared for this project and has considered the contents thereof. The Board finds that this document is adequate for use by the District in its review of the project.

The District Board finds that the following feasible alternatives and/or mitigation measures within its powers, would substantially lessen any significant effects which the project would have on the environment:

N/A

The Board certifies that the Negative Declaration has been prepared and completed in compliance with the California Environmental Quality Act and the State Guidelines.

The Board finds that the project Environmental Impact Report identifies the following significant effects:

N/A

The Board further finds that for each of these significant effects.

N/A Changes or alterations have been required in, or incorporated, into the project which mitigate or avoid the significant environmental effects thereof as identified in the Environmental Impact Report.

N/A Such changes or alterations are within the responsibility and jurisdiction of a public agency other than the District. Such changes have been adopted by such other agency or can and should be adopted by such other agency.

N/A Specific economic, social, or other considerations make infeasible the mitigation measures or project alternatives identified in the Environmental Impact Report.

Based upon the foregoing, and upon compliance with District regulations and requirements, as applicable, the project is hereby:

_____ Approved

_____ Disapproved

The District Manager of West Bay Sanitary District is directed to prepare a Notice of Determination pursuant to the provisions of the State Guidelines Implementing the California Environmental Quality Act adopted by Resolution No. IIO5 of this District Board. The District Manager is ~~(further)~~ (not) directed to prepare and file a Statement of Overriding Consideration pertaining to the approval of this project pursuant to the provisions of the same Guidelines.

Passed and adopted by the District Board of West Bay Sanitary District at a regular meeting thereof held on the 26th day of July 2017, by the following vote:

Ayes:

Noes:

Abstain:

Absent:

President of the District Board of the
West Bay Sanitary District of San Mateo
County, State of California

Attest:

Secretary of the District Board of the
West Bay Sanitary District of San Mateo
County, State of California

“PRELIMINARY REVIEW”

777 Sharon Park Drive, Gravity System

June 1, 2017

INTRODUCTION. At the July 26, District Board Meeting, the Board will consider the approval of the Class 3 Sewer Permit for the construction of a gravity sewer connection and main line extension for the 777 Sharon Park Drive project; and the authorization for the filing of a California Environmental Quality Act (CEQA) “Notice of Exemption” for the project. This project is proposed by the property owner, Amit Haller/ISCA Assets 35, LLC.

EXEMPTION REVIEW. In compliance with CEQA Guidelines, this “preliminary review” of the gravity sewer connection and main line extension at 777 Sharon Park Drive was conducted to determine whether the project is exempt from CEQA. Based on this review, staff has concluded that the project is exempt from CEQA under several sections of the guidelines. In summary, the project would not have any significant impacts on the environment because it includes little or no expansion of capacity, and will employ mitigation measures to alleviate any impacts.

This preliminary review presents and elaborates upon the rationale for the conclusions reached by staff.

Staff has concluded that all project elements are exempt under CEQA Guidelines section 15061(b)(3) (known as the “General Rule”), since it can be “seen with certainty that there is no possibility that the activity in question may have a significant effect on the environment.”

This certainty is based on the District’s past experience with numerous sewer construction projects of this nature, and the mitigation measures included in all such projects to alleviate any impacts.

Past Experience. The District has completed many miles of sewer construction projects and pump station rehabilitation projects in residential areas throughout Menlo Park, Atherton, and the County of Santa Clara, including the Portola Valley area. While construction-related impacts on land use, traffic, noise, air quality, erosion, drainage, public safety, and cultural resources can occur, no significant environmental impacts have resulted from this work.

The reasons these have been “less-than-significant” include the short-term nature of construction activities, application of the District’s standard construction mitigation measures, good community relations outreach programs to inform project area residents of construction activities, and active coordination with local jurisdictions.

Construction Mitigation Measures. Specific impact mitigation measures will be included in the proposed project to avoid, minimize, reduce, or rectify for construction-related impacts. These measures are used on all sewer construction projects. The measures address dust control; erosion control; noise control; protection of soils; provision for adequate drainage; protection and restoration of structures; precautions for working

near sensitive and unique vegetation, protection and restoration of vegetation, landscaping, and improvements; public health and safety precautions; community notifications; traffic control; and preservation of cultural resources.

Most project elements also are exempt as extension of utilities of a reasonable length to serve such construction.

Staff has concluded that most project elements are “categorically exempt” under CEQA Guidelines Section Section 15303 (a) (Single-family residences not in conjunction with the building of two or more units) and Section 15303 (d) (Water main, sewage, electrical, gas and other utility extensions of reasonable length to serve such construction).

This project is being implemented to provide sanitary sewer service to this parcel and remove the on-site septic system.

CONCLUSION. Based on the information presented herein, staff has concluded that all of the installation of the gravity sewer connection and main line extension is exempt from CEQA under the CEQA Guidelines Section 15061(b)(3) (the General Rule), and that most project elements are also exempt under CEQA Guideline Section 15303(a) and (d).

WEST BAY SANITARY DISTRICT

500 Laurel Street
Menlo Park, California 94025
(650) 321-0384

Permit Number
No 1070

Type _____

APPLICATION FOR CLASS 3 SEWER PERMIT

To the WEST BAY SANITARY DISTRICT:

The undersigned, being the Owner Owner's Agent of the property located at

777 SHARON PARK DR.

does hereby request permission to construct sanitary sewers and related facilities to serve a

Residential Non-residential Development at said location.

ENGINEER'S

Hon Cheong-Lee / Green Civil Eng.

Name

204 E. 2nd Ave #820
San Mateo CA 94401

Address

CONTRACTOR'S

Allan Mejia / ARD Management & Const.

Name

3048 Rolison Ave. Redwood City, CA
94063

Address

OWNER'S

Amit KHALER / ISCA ASSETS 35, LLC.

Name

777 Mainers Island Blvd. San Mateo
CA 94401

Address

[Signature]

Applicant's Signature

Susan Bowen / BEROM DESIGN

Signed by - Please Print Name

19169 Stevens Creek Blvd. Cupertino
CA 95014

Address

Receipt of \$ 2,500 Application Fee is hereby acknowledged. Carrie Neodi 7-19-17

Date

Receipt of \$ \$2,000.00 Cash deposit or Performance Bond

Comments MANHOLE EXTENSION

Approved by the District Board on _____

Application approved and permit issued:

WEST BAY SANITARY DISTRICT

Phil Scott, District Manager

Date _____

By _____

Final Acceptance by the District Board on _____



40 WEST BAY SANITARY DISTRICT
 SITE LOCATION:
 777 SHARON PARK DRIVE
 MENLO PARK, CA 94025

777 SHARON PARK DRIVE





**WEST BAY SANITARY DISTRICT
AGENDA ITEM 7I**

To: Board of Directors

**From: Bill Kitajima, Projects and IT Manager
Adam Slusser, Engineering Technician**

**Subject: Consideration of Approving Contract Change Order No. 2 to
Ranger Pipelines, Inc. for the Belle Haven II Sewer
Rehabilitation Capital Improvement Project in Menlo Park, CA**

Background

Contract Change Order No. 2 consists of additional work required by the contractor for utility (City of Menlo Park water line) conflict resolution located at Hamilton Rd./Modoc Ave., as well as for PG&E gas line conflicts located at Plumas/Bieber Aves.

Analysis

During the course of the work, the contractor encountered several locations where additional work was needed to resolve utility conflicts. Each conflict encountered was the result of minimally provided clearance (0-1”) between the mentioned utilities and District gravity main lines. The District sewer main lines were located underneath both the water and gas lines.

Fiscal Impact

There will be no fiscal impact to the General Fund. The Capital Assets Fund allocated a total project amount of \$2,900,000.00. The contractor was awarded the contract in an amount of \$3,971,487.00 of which an apportionment of an additional \$595,723.00 for contingency (10% for additional work and 5% for construction support services) was granted resulting in a total project amount of \$4,567,210.00.

Construction Costs:

Original construction bid	\$	3,971,487.00
Construction Costs to Date	\$	2,086,274.10
Change Order No. 1	\$	1,561,221.00
Change Order No. 2	\$	25,559.25

WEST BAY SANITARY DISTRICT
500 Laurel Street, Menlo Park, CA 94025

CHANGE ORDER
CO NO. 2

Project: CIP 16-17 Belle Haven Sewer Project Phase II
Location: Hamilton Rd./Modoc Ave. and Plumas/Bieber Aves.
Project No. 1758.5
Contractor: Ranger Pipelines, Inc.

Date: July 20, 2017
Job No.: 1758.5
Sheet 1 of 1

The following changes are hereby made to the Contract Documents:

1. Extra work necessary to offset water main with minimal clearance and/or additional requirements.
2. Extra excavation work necessary to allow PG&E to offset gas distribution lines with minimal clearance and/or additional requirements.

Justification:

1. Utilities with minimal clearance within the sewer trench; and additional requirements from the City of Menlo Park.
2. Utilities (PG&E gas distribution lines) with minimal clearance within the sewer trench.

CHANGE TO CONTRACT PRICE:

Original Contract Price: \$3,971,487.00
Current Contract Price, as adjusted by previous Change Orders: \$5,688,830.00
The Contract Price due to this Change Order will be increased by: \$ 25,559.25
New Contract Price due to this Change Order will be: \$5,714,389.25

CHANGE TO CONTRACT TIME:

The Contract Time will be increased by five calendar days.

APPROVALS REQUIRED:

To be effective, this order must be approved by the Owner if it changes the scope or objective of the project, or as may otherwise be required under the terms of the Contract.

RECOMMENDED AND
APPROVED BY

Projects Manager

Date

ACCEPTED BY

Contractor

Date

AUTHORIZED BY

District Manager

Date



WEST BAY SANITARY DISTRICT AGENDA ITEM 8

To: *Board of Directors*

From: *Phil Scott, District Manager and Sergio Ramirez, Maintenance Superintendent*

Subject: *Consider Adoption Of Resolution Approving Amendment No.3 To The Maintenance Services Agreement Between West Bay Sanitary District And The Town Of Woodside For Sanitary Sewer Maintenance Services for The Town of Woodside And Authorize The District Manager To Execute the Amended Agreement On Behalf Of The District*

Background

In June of 2013 the District Manager and Vivian Housen, of VWH Associates provided the Board with an update regarding the potential of consolidating sewer services with agencies in our area and the progress of an Interagency Utility Coordination Study.

At that time the Board directed the District Manager and Ms. Housen to proceed with discussions with several agencies which could possibly lead to Interagency Maintenance Agreements as well as discussions with agencies that could possibly lead to other resource sharing arrangements including consolidation.

Several discussions were held with the Town of Woodside just to the north/west of the District. The Town formally issued a Request for Proposals (RFP) in April, 2014 for which the District submitted a proposal for the Operation and Maintenance of the Town of Woodside Sanitary System on May 9, 2014.

Upon reviewing the proposals the Town believed the District could be competitive in pricing and provide superior maintenance services that would lead to the overall improvement of the performance of their collection system. On July 22nd, 2014 the Town Council approved to enter into an agreement with the District to provide sewer system services based on the submitted proposal.

In December 2014 the District began performing sewer pipeline maintenance and close circuit television inspection for the Town's System.

Analysis

The Town has approximately 4 miles of collection system pipe and does not have responsibility for the laterals at this time. The Town had a contract with a private contractor for collection system maintenance which expired in 2014, prior to the District taking over the collection system activities. The Town's contractor has remained under contract to provide Pump Station Maintenance and Monitoring until the Town notifies the District that it would like West Bay to take over the Pump Station portion as well.

The maintenance agreement includes tasks to clean sewer lines, TV inspect the collection system, and respond to SSO's. Optional tasks include; the treatment of specified manholes for root intrusion and respond to pump station calls.

The amendment is to extend the agreement through the 2017-2018 Fiscal Year and to reflect a 3% increase in the cost of service for the year.

Relevance to Strategic Plan

Section 4.0 Strategic Partners and Public Affairs: Our objective is to foster beneficial relationships to accomplish the goals of the District and to insure a well-informed public regarding District business and planning. We will do this by embracing strategic ties with other organizations, working closely with regulators, developing a deliberate legislative agenda and participating in professional associations.

This amendment to the agreement works to accomplish the Board of Directors Vision *"We cooperate with strategic partners to provide best quality wastewater services"* within the Strategic Plan 2014, referencing the objectives in Sections 4.2 *Interagency Maintenance Agreements* and 4.3 *Consolidation*.

Fiscal Impact

The agreement brings in a positive amount of approximately \$38,976.00 in revenue for the year. The revenue would be sufficient to support the Town's required work at the District's fully loaded rate and recover the cost of the equipment and materials used including fuel.

Recommendation

The District Manager recommends the Board adopt the resolution amending the Maintenance Services Agreement Between West Bay Sanitary District and the Town of Woodside for Sanitary Sewer Maintenance Services for an additional year and Authorize the District Manager to Execute the Amended Agreement on Behalf of the District.

Attachment:

1. Resolution ___ (2017)
2. Amendment No. 3
3. Existing Agreement between WBSD and Town of Woodside

RESOLUTION NO. _____(2017)

RESOLUTION APPROVING AMENDMENT #3 TO THE MAINTENANCE SERVICES AGREEMENT BETWEEN WEST BAY SANITARY DISTRICT AND THE TOWN OF WOODSIDE FOR SANITARY SEWER MAINTENANCE SERVICES AND AUTHORIZE THE DISTRICT MANAGER TO EXECUTE THE AMENDED AGREEMENT ON BEHALF OF THE DISTRICT.

WHEREAS, the West Bay Sanitary District Board has read and considered that certain Agreement ("Agreement") between the District and the Town of Woodside;

NOW, THEREFORE, the District Board of the West Bay Sanitary District, County of San Mateo, State of California, does hereby RESOLVE as follows:

Section 1. Public interest and convenience require the West Bay Sanitary District to enter the Agreement for Sanitary Sewer System Operations and Maintenance Services with a not-to-exceed amount of \$40,000.00 to provide sanitary sewer maintenance services, emergency call-out, and asset management services.

Section 2. The West Bay Sanitary District hereby authorizes the District Manager to execute the Amended Agreement #3, for the fiscal year 2017-2018, on behalf of the District and subject to legal review, between the West Bay Sanitary District and Town of Woodside.

PASSED AND ADOPTED by the District Board of the West Bay Sanitary District at a regular meeting thereof held on 26th day of July, 2017, by the following votes:

Ayes:

Noes:

Absent:

Abstain:

President of the District Board of the
West Bay Sanitary District of San
Mateo County, State of California

Attest:

Secretary of the District Board of the
West Bay Sanitary District of San Mateo
County, State of California

AGREEMENT FOR SANITARY SEWER MAINTENANCE SERVICES

This Agreement is made and entered into as of the 22nd day of July 2014, by and between the Town of Woodside hereinafter called "TOWN" and West Bay Sanitary District, hereinafter called "CONTRACTOR".

RECITALS

This Agreement is entered into with reference to the following facts and circumstances:

- A. That TOWN desires to engage CONTRACTOR to render certain services to provide sanitary sewer maintenance services for the Town Center Sewer Assessment District, including but not limited to maintaining pipelines and pump stations and responding to sanitary sewer overflows; and
- B. That CONTRACTOR is qualified to provide such services to the TOWN; and
- C. That the TOWN has elected to engage the services of CONTRACTOR upon the terms and conditions as hereinafter set forth.
 - 1. Services. The services to be performed by CONTRACTOR under this Agreement shall include those services set forth in Exhibit A, which is, by this reference, incorporated herein and made a part hereof as though it were fully set forth herein.

Performance of the work specified in said Exhibit is hereby made an obligation of CONTRACTOR under this Agreement, subject to any changes that may be made subsequently hereto upon the mutual written agreement of the said parties.

Where in conflict, the terms of this Agreement supersede and prevail over any terms set forth in Exhibit A.

- 2. Term; Termination. (a) The term of this Agreement shall commence on December 1, 2014, shall be extended by Town on an annual fiscal year basis (July 1 – June 30) when agreeable to both parties and shall expire upon notification in accordance with (b) below.

(b) Notwithstanding the provisions of (a) above, either party may terminate this Agreement without cause by giving written notice not less than ten (10) days prior to the effective date of termination, which date shall be included in said notice. In the event of such termination, TOWN shall compensate CONTRACTOR for services rendered, and reimburse CONTRACTOR for costs and expenses incurred, to the date of termination, calculated in accordance with the provisions of paragraph 3.

In ascertaining the services actually rendered to the date of termination, consideration shall be given both to completed work and work in process of completion. Nothing herein contained shall be deemed a limitation upon the right of TOWN to terminate this Agreement for cause, or otherwise to exercise such rights or pursue such remedies as may accrue to TOWN hereunder.

3. Compensation; Expenses; Payment. TOWN shall compensate CONTRACTOR for all services performed by CONTRACTOR hereunder in accordance with the provisions of Exhibit B hereof, attached hereto and by this reference incorporated herein.

Compensation hereunder shall be payable upon monthly billing therefore by CONTRACTOR to TOWN, which billing shall include an itemized statement, briefly describing by task and labor category or cost/expense items billed.

4. Additional Services. In the event TOWN desires the performance of additional services not otherwise included within the services described in Exhibits A or B including the optional services indicated, such services shall be authorized in advance of the performance thereof by the Town Manager or Town Council in writing. Such amendment to this Agreement shall include a description of the services to be performed thereunder, the maximum compensation and reimbursement of costs and expenses payable therefore, the time of performance thereof, and such other matters as the parties deem appropriate for the accomplishment of such services. Except to the extent modified by written amendment, all other terms and conditions of this Agreement shall be deemed incorporated in each such amendment.
5. Records. CONTRACTOR shall keep and maintain accurate records of all time expended and costs and expenses incurred relating to services to be performed by CONTRACTOR hereunder. Said records shall be available to TOWN for review and copying during regular business hours at CONTRACTOR's place of business or as otherwise agreed upon by the parties.
6. Authorization. This Agreement becomes effective when endorsed by both parties in the space provided below.
7. Reliance on Professional Skill of CONTRACTOR. CONTRACTOR represents that it has the necessary professional skills to perform the services required and the TOWN shall rely on such skills of the CONTRACTOR to do and perform the work. In performing services hereunder CONTRACTOR shall adhere to the standards generally

prevailing for the performance of professional services similar to those to be performed by CONTRACTOR hereunder.

8. Documents. All documents, plans, drawings, renderings, and other papers, or copies thereof, as finally rendered, prepared by CONTRACTOR pursuant to the terms of this Agreement, shall, upon preparation and delivery to TOWN, become the property of TOWN.
9. Relationship of Parties. It is understood that the relationship of CONTRACTOR to the TOWN is that of an independent contractor and all persons working for or under the direction of CONTRACTOR are its agents or employees and not agents or employees of the TOWN.
10. Schedule. This agreement is for maintenance services on an annual basis. For budgeting purposes, the TOWN and CONTRACTOR agree to various types of services with annual cleaning requirements and minimal service call-out hours. CONTRACTOR shall adhere to the schedule to complete the work as set forth in Exhibits A and B; provided, that TOWN shall grant reasonable extensions of time for the performance of such services occasioned by governmental reviews of CONTRACTOR's work product or other unavoidable delays; provided, further, that such unavoidable delay shall not include strikes, lockouts, work stoppages, or other labor disturbances conducted by, or on behalf of, CONTRACTOR's officers or employees.

CONTRACTOR acknowledges the importance to TOWN of TOWN's maintenance scheduling requirements and agrees to put forth its best professional efforts to perform its services under this Agreement in a manner consistent with that schedule.

11. Indemnity. To the fullest extent permitted by law (including, without limitation, California Civil Code Sections 2782 and 2782.6), CONTRACTOR shall defend (with legal counsel reasonably acceptable to the TOWN), indemnify and hold harmless TOWN and its officers, agents, departments, officials, representatives and employees (collectively "Indemnitees") from and against any and all claims, loss, cost, damage, injury (including, without limitation, injury to or death of an employee of CONTRACTOR or its subconsultants), expense and liability of every kind, nature and description (including, without limitation, incidental and consequential damages, court costs, attorneys' fees, litigation expenses and fees of expert consultants or expert witnesses incurred in connection therewith and costs of investigation) to the extent that they arise out of or pertain to the negligence, recklessness or willful misconduct of CONTRACTOR, any subconsultant, anyone directly or indirectly employed by them, or anyone that they control (collectively "Liabilities"). Such obligations to defend, hold harmless and indemnify any Indemnitee shall

not apply, however, to the extent that such Liabilities are caused solely by the negligence, recklessness, or willful misconduct of such Indemnitees. Additionally, CONTRACTOR shall not be required to indemnify, hold harmless or defend the TOWN for any Liabilities under the Clean Water Act or state law, including but not limited to fines, civil penalties, or legal and expert witness fees or costs that may arise from sewer system failures, overflows, or other damages or costs, provided that the failure, overflow, or other cause of the damage was not solely caused by the CONTRACTOR's negligence, recklessness or willful misconduct in the performance of work specified by this Agreement.

12. Insurance. CONTRACTOR shall acquire and maintain Workers' Compensation, employer's liability, commercial general liability, and owned and non-owned and hired automobile liability insurance coverage relating to CONTRACTOR's services to be performed hereunder covering TOWN's risks in form subject to the approval of the TOWN Attorney and/or TOWN's Risk Manager. The minimum amounts of coverage corresponding to the aforesaid categories of insurance per insurable event, shall be as follows:

<u>Insurance Category</u>	<u>Minimum Limits</u>
Workers' Compensation	statutory minimum
Employer's Liability	\$1,000,000 per accident for bodily injury or disease
Commercial General Liability	\$1,000,000 per occurrence and \$2,000,000 aggregate for bodily injury, personal injury and property damage
Automobile Liability	\$1,000,000 per accident for bodily injury and property damage (coverage required to the extent applicable to CONSULTANT's vehicle usage in performing services hereunder)

Concurrently with the execution of this Agreement, CONTRACTOR shall, on the Insurance Coverage form provided in Exhibit C, furnish TOWN with certificates and copies of information or declaration pages of the insurance required hereunder and, with respect to evidence of commercial general liability and automobile liability insurance coverage, original endorsements:

- (a) Precluding cancellation or reduction in per occurrence limits before the expiration of thirty (30) days (10 days for nonpayment) after TOWN shall have received written notification of cancellation in coverage or reduction in per occurrence limits by first class mail;
 - (b) Providing that CONTRACTOR's insurance shall apply separately to each insured against whom claim is made or suit is brought, except with respect to the limits of the insurer's liability (cross liability endorsement);
 - (c) Naming the TOWN of Woodside, its Council and Board respectively, officers, boards, commissions, employees, and agents, as additional insureds; and
 - (d) Providing that CONTRACTOR's insurance coverage shall be primary insurance with respect to TOWN, its Council, officers, boards, commissions, employees, and agents, and any insurance or self-insurance maintained by TOWN for itself, its Council, officers, boards, commissions, employees, or agents shall be in excess of CONTRACTOR's insurance and not contributory with it.
13. WORKERS' COMPENSATION. CONTRACTOR certifies that it is aware of the provisions of the Labor Code of the State of California which require every employer to be insured against liability for workers' compensation or to undertake self-insurance in accordance with the provisions of that Code, and CONTRACTOR certifies that he will comply with such provisions before commencing the performance of the work of this agreement.
14. NON-DISCRIMINATION. The CONTRACTOR will not discriminate against any employee or applicant for employment because of race, color, religion, sex or national origin. The CONTRACTOR will take affirmative action to insure that applicants are employed and the employees are treated during employment without regard to their race, color, religion, sex or national origin. Such action shall include, but not be limited to the following: employment, advancement, demotion, transfer, recruitment, or recruitment advertising, layoff or termination, rates of pay or other forms of compensation, and selection for training, including apprenticeship. The CONTRACTOR shall at all times be in compliance with the requirements of the Federal Americans With Disabilities Act (Public Law 101-336) which prohibits discrimination on the basis of disability by public entities. The CONTRACTOR agrees to post in conspicuous places available to employees and applicants for employment any notices provided by the TOWN setting forth the provisions of this non-discrimination clause.

15. Notice. All notices required by this Agreement shall be given to the TOWN and CONTRACTOR in writing, by first class mail, postage prepaid, addressed as follows:

TOWN: TOWN of Woodside
2955 Woodside Road
Woodside, CA94062
Attention: Paul T. Nagengast
Deputy Town Manager

CONTRACTOR: Phil Scott, District Manager
West Bay Sanitary District
500 Laurel Street
Menlo Park, CA 94025-3486

16. Non-Assignment. This Agreement is not assignable either in whole or in part.
17. Amendments. This Agreement may be amended or modified only by written agreement signed by both parties.
18. Validity. The invalidity in whole or in part of any provision of this Agreement shall not void or affect the validity of any other provision of this Agreement.
19. Governing Law. This Agreement shall be governed by the laws of the State of California and any suit or action initiated by either party shall be brought in the County of San Mateo, California. In the event of litigation between the parties hereto to enforce any provision of the Agreement, the unsuccessful party will pay the reasonable attorney's fees and expenses of litigation of the successful party.
20. Mediation. Should any dispute arise out of this Agreement, the parties shall meet in mediation and attempt to reach a resolution with the assistance of a mutually acceptable mediator. Neither party shall be permitted to file legal action without first meeting in mediation and making a good faith attempt to reach a mediated resolution. The costs of the mediator, if any, shall be paid equally by the parties. If a mediated settlement is reached neither party shall be deemed the prevailing party for purposes of the settlement, and each party shall bear its own legal costs.
21. Conflict of Interest. CONTRACTOR may serve other clients, but none who are active within the TOWN of Woodside or who conduct business

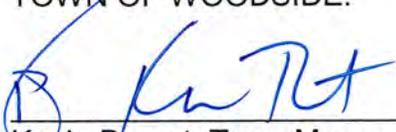
that would place CONTRACTOR in a "conflict of interest" as that term is defined in State law.

22. Entire Agreement. This Agreement, including Exhibits A, B and C comprise the entire Agreement.

IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be executed on the date first above written by their respective officers duly authorized in that behalf.

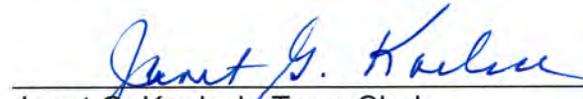
TOWN OF WOODSIDE:

Dated: 11/12/14


Kevin Bryant, Town Manager

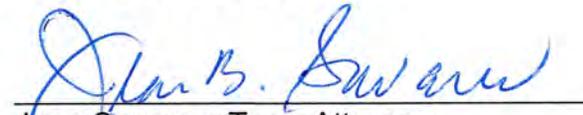
ATTEST:

Dated: 11/14/14


Janet G. Koelsch, Town Clerk

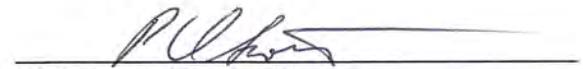
APPROVED AS TO FORM:

Dated: 11/14/14


Jean Savaree, Town Attorney

CONTRACTOR:

Dated: 10-28-14


Phil Scott, District Manager
West Bay Sanitary District


Anthony P. Condotti, District Counsel



WEST BAY SANITARY DISTRICT AGENDA ITEM 9

To: *Board of Directors*

From: *Phil Scott, District Manager*

Subject: *Consideration to Approve Authorizing the District Manager to Execute Amendment #6 to the Professional Services Agreement Dated February 6, 2015, with RMC Water and Environment for USBR Grant Application for the Recycled Water Project – Sharon Heights in the Amount of \$21,536*

Background

The District is currently underway in planning and designing a Recycled Water Facility at the Sharon Heights Golf Course that will result in the construction of a satellite treatment facility, a wastewater pump station and forcemain to divert flow to the treatment facility, a solids discharge pipeline to convey waste sludge to an existing District sewer line, and distribution facilities to bring recycled water to customers.

On Monday, July 17, the USBR announced that they now have \$10,000,000 to award to approximately 4 to 8 of the 38 eligible projects. A grant application to the USBR is due by August 17, 2017 to apply for this possible grant funding. RMC/Woodard&Curran has agreed to complete the application and Sharon Heights Golf and Country Club has agreed to pay for the grant application work.

The District has engaged RMC Water and Environment, to provide consulting support with ongoing Memorandum of Understanding (MOU) negotiations as part of the Recycled Water Project. This amendment, to the original Agreement with the District dated February 6, 2015, will provide for RMC to write and complete the USBR WIIN Act grant application, qualifying the District for up to 25% of the project construction cost.

Analysis

The cost of this additional work is \$21,536 and the total agreement will be increased to \$106,536. The District's procurement policy requires the District Board to approve consultant agreements over \$100,000 if not budgeted. As the timing of the availability of USBR funds could not be anticipated this expense was not budgeted. Though Sharon Heights has agreed to reimburse the District for this application expense, it could be argued that technically the agreement has expanded and now requires Board approval.

There is no guarantee that completing the application will result in a grant or how much would be awarded if the project does receive a grant. The Recycled Water project team believes that the work done on the project to date puts the project in a fairly good position and has a 50/50 chance of success for grant funding.

Fiscal Impact

The cost of the additional work is \$21,536 for writing the grant application and Sharon Heights has agreed to reimburse the District for this cost. If a grant from USBR is awarded general consensus is the award could be from \$1,000,000 to \$2,000,000 thereby reducing the amount of necessary SRF loan for construction.

Recommendation

The District Manager recommends the District Board Approve Authorizing the District Manager to Execute Amendment #6 to the Professional Services Agreement Dated February 6, 2015, with RMC Water and Environment for USBR Grant Application for the Recycled Water Project – Sharon Heights in the Amount of \$21,536.

Attachments: Amendment #6

AMENDMENT #6 TO RMC WATER AND ENVIRONMENT AGREEMENT FOR MOU
TASK ORDER SERVICES FOR WEST BAY SANITARY DISTRICT

WEST BAY SANITARY DISTRICT (District) has engaged RMC Water and Environment, to provide consulting support with ongoing Memorandum of Understanding (MOU) negotiations as part of the Recycled Water Project. The purpose of this document is to amend the original Agreement with the District dated February 6, 2015, and to modify the scope of work as allowed under the contract Section XIII.

This amendment dated this 26th day of July, 2017 is the sixth (6th) amendment to the Agreement. This amendment will comprise work identified as Additional Support to the District's Recycled Water Project. This work is to support the work for a grant application under the Water Infrastructure Improvement for the Nation (WIIN) Program for the Recycled Water Facility project at Sharon Heights Golf & Country Club (SHGCC). This work is described in the attached Letter Proposal titled "West Bay Sanitary District -WIIN Grant Application" dated July 20, 2017.

This amendment is for \$21,536.00. The new contract total amount is Not-To-Exceed \$106,536.00. This work is to be completed by August 17, 2017 which is equal to the deadline established by USBR for grant applications. This amendment is subject to the same provisions as the original agreement and is made a part of the Agreement.

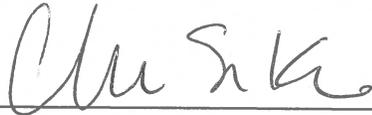
IN WITNESS WHEREOF, the parties have executed this Agreement on the dates indicated below.

Dated July 20, 2017

Dated _____, 2017

RMC WATER AND ENVIRONMENT/Woodard&Curran

WEST BAY SANITARY DISTRICT



Signature

Signature

CHRISTY KENNEDY
David L. Richardson, P.E.

Phil Scott

Printed Name

Printed Name

PROJECT MANAGER
Principal In Charge

District Manager

Title

Title

APPROVED AS TO FORM:

Anthony P. Condotti, District Counsel



National Experience. Local Focus.

July 20, 2017

Phil Scott
District Manager
West Bay Sanitary District
500 Laurel Street
Menlo Park, CA 94025

Subject: West Bay Sanitary District – WIIN Grant Application

Dear Mr. Scott:

Thank you for the opportunity to submit this letter proposal for provision of support to West Bay Sanitary District (WBSD) for a grant application under the Water Infrastructure Improvement for the Nation (WIIN) Program. RMC, a Woodard & Curran company, works closely with our clients to develop well-supported grant proposals that are based on a thorough understanding of the needs of our clients, expectations of funding agencies, and specific program requirements.

RMC's approach to grant applications ensures that proposed projects are as competitive as possible and includes a clear strategy to maximize points in the application. RMC has been tracking this funding opportunity, has completed multiple previous Title XVI applications (also administered by U.S. Bureau of Reclamation [USBR]), and understands the evolution of the requirements and application components. We also understand the importance of securing funding for WBSD's Recycled Water Project.

Our proposed scope, fee, and schedule are described below.

Scope of Work

RMC will assist WBSD in preparing a grant application to submit to USBR under the WIIN Program. We will provide services as follows:

1. Review of grant solicitation materials, including benefit qualification requirements
2. Kickoff conference call with WBSD to discuss grant application data needs
3. Preparation of grant application outline and list of data needs
4. Support to WBSD for development of resolutions and/or other necessary support materials for grant submittal
5. Preparation of grant application materials
6. Production of review draft and final digital (PDF) version of grant application



Deliverables for this project will be:

- Draft electronic (Word and PDF) files of the WIIN grant application
- Final electronic (Word and PDF) files of the WIIN grant application

RMC will be responsible for overall coordination and production of the grant application, as well as submittal of the final grant application to USBR.

Budget

Our proposed fee to assist WBSD in preparing and submitting the WIIN grant application for a not-to-exceed amount of \$21,536. A detailed fee estimate is provided in Exhibit A. The cost for the proposed work will be on a time-and-materials basis in accordance with the attached rate schedule.

Schedule

For this grant program, RMC proposes to complete the draft grant application for WBSD review by August 9, 2017. WBSD will have August 10 and 11 to review. RMC will produce the final grant application from August 14 to 16 and submit to USBR on August 17, 2017.

Week	July 17	July 24	July 31	Aug 7	Aug 14
Notice to Proceed; Develop Outline					
Kickoff and Request for Data Needs/Updates					
OMWD/Partners to Provide Materials					
RMC to Prepare Draft Submittal (August 9)					
OMWD/Partners to Review Draft Submittal (August 10-11)					
RMC to Produce Final Submittal (August 14-16)					
RMC to Submit to USBR (August 17)					

We look forward to the opportunity to continue working with WBSD in achieving your goals. If you have any questions on our proposal or need any additional information, please do not hesitate to let me know.

Sincerely,



Rosalyn Prickett, AICP
 Senior Water Resources Planner
 Principal



Fee Estimate

July 18, 2017

West Bay Sanitary District WIIN Grant Application

Tasks	Labor					Total Hours	Total Labor Costs (1)	Total Fee (2)
	Dave Richardson PIC \$295	Rosalyn Prickett PM \$266	Alexis Cahalin DPM \$178	Becky McDonnell PE \$152	GIS / Graphics Graphics \$152			
WIIN Grant Application								
Prepare Draft Application	4	4	24	48	8	90	\$15,238	\$15,238
Prepare Final Application	2	2	8	12	4	28	\$4,978	\$4,978
Submit Application / Coordination	0	0	4	4	0	8	\$1,320	\$1,320
	6	6	36	64	12	126	\$21,536	\$21,536
TOTAL	6	6	36	64	12	126	\$21,536	\$21,536

1. The individual hourly rates include salary, overhead and profit.
2. RMC reserves the right to adjust its hourly rate structure and ODC markup at the beginning of the calendar year for all ongoing contracts.

Labor Category	Rate
Engineer 1 (E1) Scientist 1 (S1) Geologist 1 (G1) Planner 1 (P1) Technical Specialist 1 (TS1)	\$152
Engineer 2 (E2) Scientist 2 (S2) Geologist 2 (G2) Planner 2 (P2) Technical Specialist 2 (TS2)	\$178
Engineer 3 (E3) Scientist 3 (S3) Geologist 3 (G3) Planner 3 (P3) Technical Specialist 3 (TS3)	\$201
Project Engineer 1 (PE1) Project Scientist 1 (PS1) Project Geologist 1 (PG1) Project Planner 1 (PP1) Project Technical Specialist 1 (PTS1)	\$205
Project Engineer 2 (PE2) Project Scientist 2 (PS2) Project Geologist 2 (PG2) Project Planner 2 (PP2) Project Technical Specialist 2 (PTS2)	\$222
Project Manager 1 (PM1) Technical Manager 1 (TM1)	\$237
Project Manager 2 (PM2) Technical Manager 2 (TM2)	\$249
Senior Project Manager (SPM) Senior Technical Manager (STM)	\$266
Senior Technical Practice Leader (STPL) Service Line Leader (SLL)	\$295
National Practice Leader (NPL) Strategic Business Unit Leader (SBUL)	\$310
Software Engineer 1 (SE1)	\$136
Designer 1 (D1)	\$140
Designer 2 (D2)	\$150
Designer 3 (D3)	\$153
Senior Software Developer (SSD)	
Senior Designer (SD)	\$165
Project Assistant (PA)	\$105
Marketing Assistant (MA) Graphic Artist (GA)	\$113
Senior Accountant (SA) Billing Manager (BM)	\$125
Marketing Manager (MM) Graphics Manager (GM)	\$145

Note: The individual hourly rates include salary, overhead and profit. Other direct costs (ODCs) such as reproduction, delivery, mileage (as allowed by IRS guidelines), and travel expenses will be billed at actual cost plus 10%. Subconsultants will be billed as actual cost plus 10%. RMC, a Woodard and Curran Company, reserves the right to adjust its hourly rate structure at the beginning of each year for all ongoing contracts.

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WEST BAY SANITARY DISTRICT AGENDA ITEM 10

To: *Board of Directors*

From: *Phil Scott, District Manager*

Subject: *Consideration to Approve Authorizing WaterSmart Title XVI Water Recycling Projects Under the WIIN Act and Authorizing the District Manager to Execute a Grant Agreement with the U.S. Department of the Interior, Bureau of Reclamation, Mid-Pacific Region for WIIN Act Grant Funding*

Background

The District is currently underway in planning and designing a Recycled Water Facility at the Sharon Heights Golf Course that will result in the construction of a satellite treatment facility, a wastewater pump station and forcemain to divert flow to the treatment facility, a solids discharge pipeline to convey waste sludge to an existing District sewer line, and distribution facilities to bring recycled water to customers.

The District has secured State Revolving Fund (SRF) loans and grants for funding the project. The District is also working with the Bureau of Reclamation (USBR) to have the project qualify for Federal Title XVI funds which would, to the extent approved and received, reduce the total capital costs to Sharon Heights. The Board approved in March 2017 to reimburse the USBR for their cost to perform an Environmental Assessment in addition to the one the State has completed as part of the CEQA+, SRF requirements. This Agreement has been completed and the assessment work is underway. The USBR has announced that our project is on the list of eligible projects, please visit: <https://www.usbr.gov/watersmart/title/feasibility.html>, though the environmental assessment is pending completion.

On Monday, July 17, the USBR also announced that they now have \$10,000,000 to award to approximately 4 to 8 of the eligible projects. A grant application to the USBR is due by August 17, 2017 to apply for this possible grant funding.

RMC/Woodard&Curran has been contracted to complete the application and Sharon Heights Golf and Country Club has agreed to pay for the grant application work.

Analysis

USBR grant funding can be used for up to 25% of construction of the Recycled Water Project – Sharon Heights. As part of the application, USBR requires a resolution passed by the District Board authorizing the District Manager to execute a grant

agreement with the USBR and confirming the District is able to provide the minimum 75% funding match specified in the funding plan for the application. Since the District has secured State Revolving Fund funding for the project and USBR views those funds as the District's, the District is able to make that confirmation.

There is no guarantee that completing the application will result in a grant or how much would be awarded if the project does receive a grant. The Recycled Water project team believes that the work done on the project to date puts the project in a fairly good position and may have a 50/50 chance of success for grant funding.

Fiscal Impact

Although there is no cost to executing this agreement there is a cost of \$21,536 for writing the grant application and Sharon Heights has agreed to reimburse the District for this cost. If a grant from USBR is awarded general consensus is the award could be from \$1,000,000 to \$2,000,000 thereby reducing the amount of necessary SRF loan for construction.

Recommendation

The District Manager recommends the District Board approve Authorizing WaterSmart Title XVI Water Recycling Projects Under the WIIN Act and Authorizing the District Manager to Execute a Grant Agreement with the U.S. Department of the Interior, Bureau of Reclamation, Mid-Pacific Region for WIIN Act Grant Funding.

Attachments: Resolution

WIIN Grant Application

Letter of Commitment from SHGCC

Title XVI Eligibility List

RESOLUTION NO. ____ (2017)

RESOLUTION OF THE BOARD OF
DIRECTORS OF WEST BAY SANITARY
DISTRICT
AUTHORIZING WATERSMART TITLE XVI
WATER RECYCLING PROJECTS UNDER THE WIIN ACT

WHEREAS, the United States Bureau of Reclamation (USBR) is soliciting applications for authorized projects for WaterSMART: Title XVI Water Recycling Projects Under the WIIN Act per Funding Opportunity Announcement No. BOR-DO-17-F028; and

WHEREAS, the West Bay Sanitary District has a Title XVI authorization under *43 U.S.C. 390h-12m West Bay Sanitary District Recycled Water Project – Sharon Heights* (Project) and has submitted a Feasibility Study to USBR's Mid-Pacific Region Office, and is therefore eligible for Title XVI funding; and

WHEREAS, the West Bay Sanitary District is seeking grant funding to further fund portions of planning, design, and construction of the Project; and

WHEREAS, the West Bay Sanitary District is preparing a grant application under this Program for Fiscal Year 2017 with an application due date of August 17, 2017;

WHEREAS, USBR has directed applicants to include in its application an official resolution adopted by the applicant's board of directors or governing body verifying 1) the identity of the official with legal authority to enter into an agreement, 2) the board of directors, governing body, or appropriate official who has reviewed and supports the application submitted, 3) the capability of the applicant to provide the amount of funding and/or in-kind contributions specified in the funding plan, and 4) that the applicant will work with Reclamation to meet established deadlines for entering into a grant or cooperative agreement.

NOW, THEREFORE, BE IT RESOLVED by the Board of Directors of the West Bay Sanitary District on this 26th day of July, 2017 as follows:

1. Application be made to the United States Bureau of Reclamation (USBR) to obtain a Title XVI Water Recycling Projects Under the WIIN Act per Funding Opportunity Announcement No. BOR-DO-17-F028; and

2. the West Bay Sanitary District has legal authority to enter into an agreement with USBR to receive a grant; and

3. the Board of Directors has reviewed and supports the application that will be submitted on the 17th day of August, 2017; and

4. the West Bay Sanitary District is able to provide the minimum 75% funding match specified in the funding plan for the application; and

5. the District Manager of the West Bay Sanitary District is hereby authorized and directed to prepare the necessary data, conduct investigations, file such application, and execute a grant agreement with the USBR in association with this application process. The West Bay Sanitary District will work with the USBR to meet established deadlines required for entering into a cooperative agreement to obtain the aforementioned grant funding.

Passed and adopted by the District Board of the West Bay Sanitary District at a regular meeting thereof held on the 26th day of July, 2017 by the following vote:

Ayes:

Noes:

Abstain:

Absent:

President of the District Board of the West Bay
Sanitary District of San Mateo County, State of
California

Attest:

Secretary of the District Board of the West
Bay Sanitary District of San Mateo County,
State of California

**WaterSMART: Title XVI Water Recycling Projects
Under the WIIN Act
(FOA No. BOR-DO-17-F028)**

**West Bay Sanitary District
Recycled Water Project – Sharon Heights**

Submitted by:
West Bay Sanitary District
500 Laurel Street
Menlo Park, CA 94025

August 17, 2017

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WBSD Recycled Water Project – Sharon Heights
Title XVI WIIN Grant Application

Insert Forms – SF-424, SF-424C, SF-424D – 8 pages total – page numbering in word doc adjusted to be appropriate once compiled. Forms do not count toward page limits.

Title Page

Title of Title XVI Project: WBSD Recycled Water Project – Sharon Heights

Applicant Name: West Bay Sanitary District

Project Manager: Phil Scott

Applicant Address: 500 Laurel Street, Menlo Park, CA 94025

Applicant Email Address: PScott@westbaysanitary.org

Applicant Telephone No.: (650) 321-0384

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1 Technical Proposal and Evaluation Criteria

50 page limit

1.1 Executive Summary

Date: August 17, 2017

Applicant: West Bay Sanitary District

City: Menlo Park

County: San Mateo

State: California

1	paragraph	summary	–
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1.2 Technical Project Description

1.3 Evaluation Criteria

1.3.1 Evaluation Criterion 1: Water Supply

1.3.1.1 Subcriterion No. 1a - Stretching Water Supplies

- 1. How many acre-feet of water are expected to be made available each year upon completion of the Project? Please use the total Project water savings, not just water savings for the activities that will be completed over the next two years.*
- 2. Will the Project reduce, postpone, or eliminate the development of new or expanded non-recycled water supplies?*
- 3. How significantly will the demand on existing Federal water supplies be reduced? List the expected reduction to Federal water supply demand (in acre-feet) and the amount of water currently supplied directly or indirectly by a Federal facility to the project sponsor. Provide calculations.*
- 4. How will the Project reduce diversions from natural water courses? How will the Project reduce withdrawals from aquifers? Responses should be specific (including number of acre-feet) and should include the percentage by which diversions or withdrawals will be reduced.*
- 5. What performance measures will be used to quantify actual benefits upon completion of the Project?*

1.3.1.2 Subcriterion No.1b - Contributions to Water Supply Sustainability

- 1. Will the Project make water available to address a specific concern (e.g., water supply shortages due to climate variability, natural disaster, groundwater depletion, and/or heightened competition for limited water supplies)? Has the area served by the Project been designated as a disaster area by the state in the last four years? Consider the number of acre-feet of water to be made available. Explain the specific concern and its severity. Also explain the role of the Project in addressing that concern and the extent to which the Project will address it.*
- 2. Will water made available by this Project continue to be available during periods of drought? To what extent is the water made available by this Project more drought resistant than alternative water supply options? Explain. Has the area served by the Project been identified by the United States Drought Monitor as experiencing severe, extreme, or exceptional drought at any time in the last four years?*

1.3.2 Evaluation Criterion 2: Environment and Water Quality

- 1. Will the Project improve the quality of surface water or groundwater? To what extent will the Project improve effluent quality beyond levels necessary to meet State or Federal discharge requirements?*

2. *Will the Project improve flow conditions in a natural stream channel? Will the Project restore or enhance natural habitat for non-listed species? If so, how?*
3. *Will the Project reduce threats to native fish or wildlife, their habitat, or water supply reliability, caused by invasive species? If so, how?*
4. *Will the Project provide water or habitat for federally listed threatened or endangered species? If so, how?*

1.3.3 Evaluation Criteria 3: Energy Efficiency

1. *Will the completion of the Project lead to a reduction in energy consumption as compared to current water supply options? Provide calculations and describe assumptions and methodology.*
2. *Will the Project include any innovative components to reduce energy consumption or to recover energy?*
3. *How does the Project’s energy consumption compare to other water supply options that would satisfy the same demand as the Project?*

1.3.4 Evaluation Criteria 4: Economic Benefits

1.3.4.1 Subcriterion No. 4a: Cost Per Acre-Foot

1. *Reclamation will calculate the cost per acre-foot of water produced by the Project using information provided by the project sponsors. Please provide the following information for this calculation:*
 - a. *The total estimated construction costs, by year, for the Project (include all previous and planned work)*

Table 1-1: Annual Construction Costs

	Calendar Year	Construction Cost		Calendar Year	Construction Cost
	1			6	
	2			7	
	3			8	
	4			9	
	5			10	

- b. The total estimated or actual costs to plan and design the Project. Note: This should not include the cost to complete a feasibility study that meets the requirements of WTR 11-01.*
- c. The average annual operation and maintenance costs for the life of the Project. Note: This is an annual cost – not total cost.*
- d. The year the Project will begin to deliver recycled water.*
- e. The projected life (in years) that the Project is expected to last. Note: This should be measured from the time the Project starts delivering water.*
- f. All estimated replacement costs by year.*

Table 1-2: Annual Replacement Costs

	Description of Replacement Requirement	Year	Cost
1			
2			
3			
4			
5			
6			
7			
8			
9			

- g. The maximum volume of water (in acre-feet) that will be produced upon completion of the Project.*
- 2. Compare the cost per acre-foot of the Project to the cost per acre-foot of one nonrecycled water alternative that would satisfy the same demand as the Project. Provide the cost per acre-foot for one nonrecycled water alternative that would satisfy the same demand. Reclamation will compare the cost per acre-foot that it calculates using the information requested in question No. 1 to the cost per acre-foot for the nonrecycled water alternative provided by the Project sponsor.*

1.3.4.2 Subcriterion No. 4b: Economic Analysis

- 1. Summarize the economic analysis performed to meet the requirements of Reclamation’s Direction and Standard, Title XVI Water Reclamation and Reuse Program Feasibility Study Review Process, WTR 11-01, as well as any additional information or analysis available. This should include information on the Project’s estimated costs and benefits and cost effectiveness. This may include consideration of the conditions that exist in the project are and the potential water supply alternatives. Points will be awarded based on the benefit cost ratio and cost effectiveness of the Project.*

2. *Some Project benefits may be difficult to quantify. Describe any economic benefits of the Project that are not captured above or that are difficult to quantify. Points will be awarded based on the potential economic impact of the Project-related benefits.*

1.3.5 Evaluation Criterion 5: Reclamation’s Obligations and Benefits to Rural or Economically Disadvantaged Communities

1.3.5.1 Subcriterion No. 5a: Legal and Contractual Water Supply Obligations

1. *Explain how the Project relates to the mission of the Bureau of Reclamation and/or serves a Federal interest. Does the Project help fulfill any of Reclamation’s legal or contractual obligations such as providing water for tribes, water right settlements, river restoration, minimum flows, legal court orders, or other obligations?*

1.3.5.2 Subcriterion No. 5b: Benefits to Rural or Economically Disadvantaged Communities

1. *Does the Project serve a rural or economically disadvantaged community? (A rural community is defined as a community with fewer than 50,000 people.)*
2. *Are any rural or economically disadvantaged communities within the Project sponsor’s service area?*

1.3.6 Evaluation Criterion 6: Watershed Perspective

1. *Does the Project implement a regional or state water plan or an integrated resource management plan? Explain.*
2. *Does the Project promote collaborative partnerships to address water-related issues? Explain.*

2 Environmental and Cultural Resources Compliance

- 1. Will the proposed Project impact the surrounding environment (e.g., soil [dust], air, water [quality and quantity], animal habitat)? Please briefly describe all earth-disturbing work and any work that will affect the air, water, or animal habitat in the Project area. Please also explain the impacts of such work on the surrounding environment and any steps that could be taken to minimize the impact.*
- 2. Are you aware of any species listed or proposed to be listed as a Federal threatened or endangered species, or designated critical habitat in the Project area? If so, would they be affected by any activities associated with the proposed Project?*
- 3. Are there wetlands or other surface waters inside the Project boundaries that potentially fall under Clean Water Act jurisdiction as “Waters of the United States”? If so, please describe and estimate any impacts the proposed Project might have.*
- 4. When was the water delivery system constructed?*
- 5. Will the proposed Project result in any modification of or effects to, individual features of an irrigation system (e.g., headgates, canals, or flumes)? If so, state when those features were constructed and describe the nature and timing of any extensive alterations or modifications to those features completed previously.*
- 6. Are any buildings, structures, or features in the irrigation district listed or eligible for the National Register of Historic Places? A cultural resources specialist at your local Reclamation office or the State Historic Preservation Office can assist in answering this question.*
- 7. Are there any known archeological sites in the proposed Project area?*
- 8. Will the proposed Project have a disproportionately high and adverse effect on low income or minority populations?*
- 9. Will the proposed Project limit access to and ceremonial use of Indian sacred sites or result in other impacts on tribal lands?*
- 10. Will the proposed Project contribute to the introduction, continued existence, or spread of noxious weeds or non-native invasive species known to occur in the area?*

3 Required Permits or Approval

4 Project Budget

4.1 Funding Plan and Letters of Commitment

Table 4-1: Table Summary of Non-Federal Funding Sources

Funding Sources	Amount
Non-Federal Entities	
1.	
2.	
3.	
<i>Non-Federal Subtotal</i>	
Other Federal Entities	
1.	
2.	
3.	
<i>Other Federal Subtotal</i>	
Requested Reclamation Funding	

4.2 Budget Proposal

Table 4-2: Summary Budget

Budget Item Description	Computation		Quantity Type	Total Cost
	\$/Unit	Quantity		
Salaries and Wages				
Employee 1				\$
Employee 2				\$
Employee 3				\$
Fringe Benefits				
Full-Time Employees				\$
Part-Time Employees				\$
Travel				
Trip 1				\$
Trip 2				\$
Trip 3				\$
Equipment				

WBSD Recycled Water Project – Sharon Heights
 Title XVI WIIN Grant Application

Item A				\$
Item B				\$
Item C				\$
Supplies and Materials				
Item A				\$
Item B				\$
Contractual/Construction				
Contractor A				\$
Contractor B				\$
Other				
Other				\$
Total Direct Costs				\$
Indirect Costs				
Type of Rate	Percentage	\$base		\$
Total Estimated Project Costs				\$

4.3 Budget Narrative

- 4.3.1.1 Salaries and Wages*
- 4.3.1.2 Fringe Benefits*
- 4.3.1.3 Travel*
- 4.3.1.4 Equipment*
- 4.3.1.5 Materials and Supplies*
- 4.3.1.6 Contractual*
- 4.3.1.7 Other Expenses*
- 4.3.1.8 Indirect Costs*
- 4.3.1.9 Total Costs*

5 Letters of Support

6 Official Resolution

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Appendix A – Letters of Commitment

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Appendix B - Letters of Support

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Appendix C - Official Resolution



**WEST BAY SANITARY DISTRICT
AGENDA ITEM 11**

To: Board of Directors

From: Phil Scott, District Manager

**Subject: Discussion and Direction on Recycled Water Project and on
Negotiations with Sharon Heights Golf Course on Long-Term
Agreement**

A discussion will be held on the Recycled Water Facility with Sharon Heights Golf Course and other events related to the recycled water project including financing, MOU, LTA, RFP and design/build issues. The Board will have opportunity to provide direction to staff and legal counsel.

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**WEST BAY SANITARY DISTRICT
AGENDA ITEM 12**

To: Board of Directors

From: Phil Scott, District Manager

Subject: Report & Discussion on South Bayside Waste Management Authority (SBWMA) and Negotiations for Franchise Agreement Extension

The District's representative to South Bayside Waste Management Authority (SBWMA), Director Fran Dehn, will report on any pertinent items regarding SBWMA business.

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**WEST BAY SANITARY DISTRICT
AGENDA ITEM 13**

To: Board of Directors

From: Phil Scott, District Manager

**Subject: Report & Discussion on Silicon Valley Clean Water and
Discussion on SVCW CIP Program**

The District's representative to Silicon Valley Clean Water (SVCW), George Otte, will report on the regular meeting on July 13, 2017 and any pertinent items regarding SVCW.

**COMMISSION OF SILICON VALLEY CLEAN WATER
JOINT POWERS AUTHORITY
REGULAR MEETING – Thursday, July 13, 2017
8:00 a.m.**

Place: Pelican Conference Room
Silicon Valley Clean Water
1400 Radio Road, 2nd Floor
Redwood City, California

COMMISSIONERS

MAYOR JOHN SEYBERT, REDWOOD CITY – CHAIR

COUNCIL MEMBER WARREN LIEBERMAN, PhD., BELMONT – VICE CHAIR

BOARD MEMBER GEORGE S. OTTE, P.E., WEST BAY SANITARY DISTRICT – MEMBER

MAYOR ROBERT GRASSILLI, SAN CARLOS – SECRETARY

MANAGER: DANIEL T. CHILD

ATTORNEY FOR THE AUTHORITY: CHRISTINE C. FITZGERALD

CONTROLLER/TREASURER: KIMBRA MCCARTHY

AMERICANS WITH DISABILITIES ACT

In compliance with the Americans with Disabilities Act, if you need special assistance to participate in this meeting, please contact SVCW (650) 591-7121. Notification in advance of the meeting will enable the Authority to make reasonable arrangements to ensure accessibility to this meeting.

AGENDA

1. CALL TO ORDER

2. ROLL CALL

3. PLEDGE OF ALLEGIANCE

4. PUBLIC COMMENT

Any member of the public may address and ask questions of the Chair under this item relating to any matter within the Commission's jurisdiction that does not appear as a separate item on the Agenda. An opportunity will be provided for members of the public to address the Chair and ask questions about any item that is listed on the agenda at the time the Commission considers the item and before action is taken. If you address the Commission on a non-agenda item, please be aware that the Ralph M. Brown Act (Gov. C. § 54950 et seq.) prohibits the Commission from acting on or discussing such matters at this meeting. Any such item may be referred to staff for a decision with regard to placing it on a future agenda for discussion, action or a report.

5. SAFETY MOMENT and REPORTS

- A. Safety Moment
- B. Manager's Report (verbal)
- C. Financial Reports
 - 1. Investment Report May 31, 2017
- D. Engineering Projects Status Update June 2017
- E. Commission Requested Staff-Level Action Items
- F. RESCU Program Design-Build Projects Status Update

6. MATTERS OF COMMISSION MEMBER'S INTEREST

7. CONSIDERATION OF MOTION APPROVING CONSENT CALENDAR

8. BUSINESS ITEMS

A. PUBLIC HEARING - CONSIDERATION OF RESOLUTIONS DETERMINING THE GRAVITY PIPELINE AND FRONT OF PLANT PROJECTS AS "SUBSTANTIALLY COMPLEX"

Proposed Actions:

- i. OPEN PUBLIC HEARING AND RECEIVE TESTIMONY
- ii. CLOSE PUBLIC HEARING
- iii. Move adoption of RESOLUTION FINDING THAT THE GRAVITY PIPELINE PROJECT (CIP #6008) IS "SUBSTANTIALLY COMPLEX" AND APPROVING RETENTION OF 10% OF EACH PROGRESS PAYMENT FOR STAGE 2 OF THE PROJECT
- iv. Move adoption of RESOLUTION FINDING THAT THE FRONT OF PLANT PROJECT (CIP #6013, 6014, 9160) IS "SUBSTANTIALLY COMPLEX" AND APPROVING RETENTION OF 10% OF EACH PROGRESS PAYMENT FOR STAGE 2 OF THE PROJECT

B. CONSIDERATION OF RESOLUTION APPROVING TECHNOLOGY AGREEMENTS FOR PURCHASE, DEVELOPMENT AND IMPLEMENTATION OF ENTERPRISE RESOURCE PLANNING SOFTWARE SYSTEM

Proposed Action: Move adoption of RESOLUTION APPROVING INFORMATION TECHNOLOGY PROFESSIONAL SERVICE AGREEMENTS FOR AN ENTERPRISE RESOURCE PLANNING SOFTWARE SYSTEM, AUTHORIZING AND DIRECTING EXECUTION OF AGREEMENTS AND AUTHORIZING MANAGER TO APPROVE UP TO TEN PERCENT CONTINGENCY FOR ADDITIONAL WORK ON AN AS-NEEDED BASIS (\$1,031,710) – COGSDALE CORPORATION

C. CONSIDERATION OF RESOLUTION APPROVING CONSTRUCTION CONTRACT DOCUMENTS FOR THE CHLORINE CONTACT TANK (CCT) CONCRETE AND STEEL PROTECTIVE COATING REPLACEMENT PROJECT (CIP #9107)

Proposed Action: Move adoption of RESOLUTION APPROVING CONSTRUCTION CONTRACT DOCUMENTS FOR CCT CONCRETE AND STEEL PROTECTIVE COATING REPLACEMENT PROJECT (CIP #9107); ACCEPTING BID OF LOWEST RESPONSIBLE BIDDER, REJECTING ALL OTHER BIDS; AND AUTHORIZING EXECUTION OF AGREEMENT, DIRECTING RETURN OF SECURITY DEPOSITS AND AUTHORIZING MANAGER TO APPROVE CONTRACT CHANGE ORDERS UP TO TEN PERCENT OF THE CONTRACT PRICE FOR SAID PROJECT - REDWOOD PAINTING CO., INC. (\$347,900)

9. CLOSED SESSION

A. CONFERENCE WITH LEGAL COUNSEL – EXISTING LITIGATION

Pursuant to Government Code §54956.9(d)(1)

Case Name: *In the Matter of the Calculation of Final Compensation of David A. Hall, Respondent, and Silicon Valley Clean Water, Respondent* (Board of Administration, California Public Employees' Retirement System, Agency Case No. 2015-1236 OAH NO. 2016030664)

10. RECONVENE IN OPEN SESSION – Announce action taken in Closed Session, if any.

11. ADJOURN

CONSENT CALENDAR

NOTICE TO PUBLIC

All matters listed under CONSENT CALENDAR are considered to be routine. There may be discussion on items on the CONSENT CALENDAR. All items will be enacted by one motion with a roll call vote unless members of the Commission, staff, or public request specific items be removed from the CONSENT CALENDAR for separate action.

7. A. APPROVAL OF MINUTES – June 8, 2017
- B. CONSIDERATION OF MOTION APPROVING CLAIMS AND CHECKS DATED JUNE 2, 2017 AND NECESSARY PAYMENTS THROUGH JULY 16, 2017
- C. CONSIDERATION OF MOTION TO APPROVE TASK ORDER FOR THE SITE STABILIZATION GRADING AND DRAINAGE PROJECT (CIP #6013)

Proposed Action: Move approval of TASK ORDER SCOPE AND BUDGET FOR ENGINEERING SERVICES FOR THE SITE STABILIZATION GRADING AND DRAINAGE PROJECT (CIP #6013) IN AN AMOUNT NOT TO EXCEED \$175,588 AND AUTHORIZE MANAGER TO APPROVE UP TO TEN PERCENT CONTINGENCY FOR ADDITIONAL WORK ON AN AS-NEEDED BASIS – FREYER & LAURETA, INC.

- D. CONSIDERATION OF MOTION APPROVING TASK ORDER FOR AUTOMATION STANDARDS AND AUTOMATION INTEGRATION CONSULTING SERVICES FOR FRONT OF PLANT PROJECTS

Proposed Action: Move approval of TASK ORDER SCOPE AND BUDGET FOR AUTOMATION STANDARDS AND INTEGRATION SERVICES DEVELOPMENT FOR THE FRONT OF PLANT PROJECTS (CIP #s 6013, 6014, 9016) IN AN AMOUNT OF \$106,260 AND AUTHORIZE MANAGER TO APPROVE UP TO TEN PERCENT CONTINGENCY FOR ADDITIONAL WORK ON AN AS-NEEDED BASIS – CASCADE INTEGRATION AND DEVELOPMENT

- E. CONSIDERATION OF RESOLUTIONS ESTABLISHING MANAGER’S FISCAL YEAR 2017-2018 ANNUAL SALARY AND APPROVE PERFORMANCE BONUS, AND APPROVAL OF UPDATED CONSOLIDATED SALARY SCHEDULE

Proposed Actions:

- i. Move adoption of RESOLUTION APPROVING ANNUAL SALARY INCREASE AND PERFORMANCE BONUS FOR THE SILICON VALLEY CLEAN WATER MANAGER

- ii. Move adoption of RESOLUTION APPROVING CONSOLIDATED PAY SCHEDULE FOR ALL REPRESENTED AND UNREPRESENTED EMPLOYEES OF SILICON VALLEY CLEAN WATER FOR FISCAL YEAR 2017-2018 NUNC PRO TUNC AND RESCINDING RESOLUTION NO. SVCW 17-40

- F. CONSIDERATION OF RESOLUTION AUTHORIZING SUBMITTAL OF AN APPLICATION TO THE U.S.E.P.A. FOR CREDIT ASSISTANCE UNDER THE WATER INFRASTRUCTURE FINANCE AND INNOVATIONS ACT (WIFIA)

Proposed Action: Move adoption of RESOLUTION OF THE COMMISSION OF SILICON VALLEY CLEAN WATER APPROVING AND AUTHORIZING SUBMITTAL OF AN APPLICATION FOR CREDIT ASSISTANCE TO THE UNITED STATES ENVIRONMENTAL PROTECTION AGENCY SEEKING UP TO \$194 MILLION IN SECURED LOANS FOR THE CONVEYANCE SYSTEM PROGRAM UNDER THE WATER INFRASTRUCTURE FINANCE AND INNOVATION ACT, AND DESIGNATING AND AUTHORIZING THE AUTHORITY'S MANAGER TO PROVIDE ANY AND ALL ASSURANCES, CERTIFICATIONS, AND COMMITMENTS REQUIRED THEREFOR INCLUDING THE NEGOTIATION AND EXECUTION OF A CREDIT ASSISTANCE AGREEMENT

- G. CONSIDERATION OF MOTION TO AMEND AGREEMENT WITH REDWOOD CITY FOR FINANCIAL, INFORMATION AND COMPUTER TECHNOLOGY SERVICES

Proposed Action: Move approval of AMENDMENT TO AGREEMENT FOR FINANCIAL AND IT SERVICES FOR THE TERM OF JULY 1, 2017 THROUGH JUNE 30, 2018 - CITY OF REDWOOD CITY

- H. CONSIDERATION OF RESOLUTION APPROVING AND ADOPTING REVISION P TO ADMINISTRATIVE POLICY 1992-01, SILICON VALLEY CLEAN WATER'S INVESTMENT POLICY AND GUIDELINES

Proposed Action: Move adoption of RESOLUTION APPROVING AND ADOPTING REVISION P TO ADMINISTRATIVE POLICY 1992-01 ESTABLISHING SILICON VALLEY CLEAN WATER'S INVESTMENT POLICY AND GUIDELINES

- I. CONSIDERATION OF RESOLUTION AMENDING AND APPROVING SILICON VALLEY CLEAN WATER'S CONFLICT OF INTEREST CODE

Proposed Action: Move adoption of RESOLUTION AMENDING AND APPROVING THE 2017 CONFLICT OF INTEREST CODE UPDATE FOR SILICON VALLEY CLEAN WATER



**WEST BAY SANITARY DISTRICT
AGENDA ITEM 15**

To: Board of Directors

From: Phil Scott, District Manager

Subject: Discussion and Direction on Metal Storage Building at Flow Equalization Facility

Background

The District has tried three times to obtain reasonable bids for constructing a metal building to house vehicles and equipment at the Flow Equalization Facility (FEF) and three times rejected all bids.

Analysis

The District Manager would like to discuss the option of having a vendor lease space from the District and construct a storage building large enough for their equipment and lease back space in the building to the District for its own equipment and vehicles.

There are a few legal considerations that will require the District Counsel to weigh in as well depending on the way the discussion leads and the desire of the Board.

Fiscal Impact

No fiscal impact for discussion.

Recommendation

The District Manager recommends the Board discuss the issue and provide direction to the District Manager and District Counsel as whether and how to proceed regarding a metal storage building at FEF.

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