LIVE OAK CITY COUNCIL

REGULAR MEETING AGENDA
MARCH 17, 2021
6:00 PM

MEETING LOCATION
LIVE OAK COUNCIL CHAMBERS
9955 LIVE OAK BOULEVARD
LIVE OAK, CALIFORNIA 95953

MEMBERS OF THE COUNCIL

LUIS HERNANDEZ, MAYOR
NANCY SANTANA, VICE MAYOR
BOB WOTEN, COUNCILMEMBER
LAKHVIR GHAG, COUNCILMEMBER
J.R. THIARA, COUNCILMEMBER

AARON PALMER,
CITY MANAGER

NICOLE ROSSER,
CITY ATTORNEY

The Council may take up any agenda item at any time, regardless of the order listed. Action may be taken on any item on this agenda. Materials related to an item on this Agenda submitted to the Council after distribution of the agenda packet are available for public inspection at City Hall, 9955 Live Oak Boulevard, Live Oak, during normal business hours. Such documents are also available on the City of Live Oak's website at www.liveoakcity.org, subject to staff's availability to post the documents before the meeting.

In compliance with the Americans with Disabilities Act, the meeting room is wheelchair accessible and disabled parking is available. If you have a disability and need disability-related modifications or accommodations to participate in this meeting, please contact the City Clerk's office at (530) 695-2112 x107. Requests must be made at least 24 hours in advance.

Pursuant to Governor Newsom's Executive Orders N-25-20 and N-29-20, members of the Live Oak City Council or staff may participate in this meeting via a teleconference. In the interest of the maintaining appropriate social distancing, members of the public are encouraged to participate in the meeting in the following ways:

- ***Remote Viewing:*** *Members of the public can view a livestream of the meeting online at* https://liveoakca.granicus.com/ViewPublisher.php?view_id=1.

- ***Public Comment:*** *Members of the public can submit general public comments, as well as comment on specific agenda items in the following ways:*

  - ***Email Public Comment:*** *Comments from the public on agenda items will be accepted until 1:00 pm on the date of the meeting, via email to the City Clerk at cmenchaca@liveoakcity.org, and read into the record during public comment.*

  - ***eComment Feature:*** *Public Comment will be accepted online between Thursday, March 11th through Wednesday, March 17th at 1:00 pm through the eComment feature at:* https://liveoakca.granicus.com/ViewPublisher.php?view_id=1.

CALL TO ORDER

ROLL CALL

PLEDGE OF ALLEGIANCE AND INVOCATION

CORRECTIONS AND/OR CHANGES TO THE AGENDA BY CITY MANAGER ONLY

PUBLIC COMMENT

Any person wishing to address the City Council on general jurisdictional matters or consent calendar items may do so at this time. If you are commenting on an agenda item, your comments will be heard at the time that item is scheduled for discussion. The City Council adopted a time limit of three minutes per person. The Brown Act does not allow for Council discussion of items not on the agenda. Councilmembers may only a) refer the matter to staff; b) ask for additional information; c) request a report back; or d) provide a limited factual response for items not listed on the agenda.

CONSENT ITEMS

Consent Calendar is passed by one motion with exceptions and separate votes as noted.

1. City Council Meeting Minutes
   Recommendation: Approve the October 21, 2020 City Council Regular Meeting minutes.
   (Clarissa Menchaca, City Clerk)

2. City Council Meeting Minutes
   Recommendation: Approve the March 3, 2021 City Council Regular Meeting minutes.
   (Clarissa Menchaca, City Clerk)

3. Appointment to the Feather River Air Quality Management District (FRAQMD)
   Recommendation: Approve the appointment of City of Yuba City Councilman Marc Boomgaarden as the Alternate Member to the FRAQMD as required by Health and Safety Code Section 40152(b).
   (Clarissa Menchaca, City Clerk)

4. Quarterly City Projects Report
   Recommendation: Receive and file the March 2021 Quarterly City Projects Report.
   (Alison Schmidt, Management Analyst)

BUSINESS ITEMS

5. Agreement with Diversified for Audio Visual Upgrade and Resolution Amending the City's Annual Budget for Fiscal Year 2020-21 Appropriating an Additional $60,000 from General Fund Cash Reserves for Upgrading Audio Visual Equipment at City Hall
   Recommendation: 1) Adopt resolution; and 2) Authorize the City Manager to sign the agreement on behalf of the City with any changes recommended by the Council.
   (Clarissa Menchaca, City Clerk)

6. Appointment of Planning Commissioner by Sutter County to City of Live Oak Planning Commission
   Recommendation: Confirm the appointment of the Sutter County Planning Commissioner Christine Ivory to the Live Oak Planning Commission.
   (Kevin Valente, Planning Director)

7. Resolution Authorizing the Submission of the Annual Transportation Development Act Claim for Fiscal Year 2020-21 to the Sacramento Area Council of Governments
Recommendation: Adopt resolution.
(Joe Aguilar, Finance Director)

ITEMS REMOVED FROM THE CONSENT AGENDA FOR COUNCIL CONSIDERATION AND ACTION

UPDATES AND ANNOUNCEMENTS FROM THE CITY ATTORNEY AND CITY MANAGER

COUNCILMEMBER COMMENTS (WRITTEN ONLY)

ADJOURNMENT

LIVE OAK CITY COUNCIL

SUPPLEMENTAL AGENDA MARCH 17, 2021 6:00 PM

MEETING LOCATION
LIVE OAK COUNCIL CHAMBERS
9955 LIVE OAK BOULEVARD
LIVE OAK, CALIFORNIA 95953

MEMBERS OF THE COUNCIL

LUIS HERNANDEZ, MAYOR
NANCY SANTANA, VICE MAYOR
BOB WOTEN, COUNCILMEMBER
LAKHVIR GHAG, COUNCILMEMBER
J.R. THIARA, COUNCILMEMBER

AARON PALMER,
CITY MANAGER

NICOLE ROSSER,
CITY ATTORNEY

BUSINESS ITEMS

8. Contract with NorCal Pump & Well Drilling, Inc. to Scrub and Disinfect Well 7
Recommendation: Approve contract with NorCal Pump & Well Drilling, Inc. to scrub and disinfect Well 7.
(Alison Schmidt, Management Analyst)

LIVE OAK
CALIFORNIA

City of Live Oak
Report to City Council

Meeting Date: March 17, 2021

Title: City Council Meeting Minutes

Contact Information: (Clarissa Menchaca, City Clerk)

Recommendation: Approve the October 21, 2020 City Council Regular Meeting minutes.

Attachments:

Minutes

LIVE OAK
CITY COUNCIL

MINUTES
OCTOBER 21, 2020
6:00 PM

The Live Oak City Council conducted this meeting in accordance with Governor Newsom's Executive Orders N-25-20 and N-29-20.

CALL TO ORDER

Meeting called to order by Mayor Woten at Live Oak City Council Chambers, 9955 Live Oak Boulevard, Live Oak, CA at 6:00 pm.

ROLL CALL

Present: Mayor Woten

Appeared via teleconference: Councilmembers Ghag, Tica, and Vice Mayor Hernandez

*Clerk's Note: Councilmember Thiara appeared via teleconference at 6:02 pm

PLEDGE OF ALLEGIANCE AND INVOCATION

Councilmember Tica led the Pledge of Allegiance. Councilmember Ghag delivered the invocation.

CORRECTIONS AND/OR CHANGES TO THE AGENDA BY CITY MANAGER ONLY

There were no corrections and/or changes to the agenda.

PUBLIC COMMENT

Public Comment was opened and closed without any speakers.

CONSENT ITEMS

MOTION: APPROVE THE CONSENT AGENDA WITH THE EXCEPTION OF ITEM 2 WHICH WAS REMOVED FROM THE CONSENT AGENDA FOR FURTHER DISCUSSION.
(MOTION: TICA; SECOND: HERNANDEZ)

VOTE: MOTION PASSED UNANIMOUSLY

1. City Council Meeting Minutes
Clarissa Menchaca, City Clerk
Council action: October 7, 2020 City Council Regular Meeting minutes approved.

2. Purchase of City Vehicles
Luis Cibrian, Parks and Recreation Director

This item was removed from the Consent Agenda for further discussion at the request of Councilmember Ghag.

BUSINESS ITEMS

3. Appropriation of CARES Act Funds and Approval of Public Programs Benefiting Residents and Businesses
Joe Aguilar, Finance Director

Joe Aguilar, Finance Director, provided a report for the Council.

Public Comment was opened and closed without any speakers.

MOTION: ELIMINATE ANY GOVERNMENT REIMBURSEMENT AND DISBURSE THAT PORTION EQUALLY BETWEEN BUSINESSES AND RESIDENTS.
(MOTION: THIARA; SECOND: GHAG)

MOTION: AMEND MOTION TO OBTAIN DATA AND COME UP WITH A DISTRIBUTION PLAN.
(MOTION: THIARA)

*CLERK'S NOTE: MOTION DIED FOR LACK OF A SECOND.

MOTION: AMEND MAIN MOTION TO: 1) ADOPT RESOLUTION AMENDING THE BUDGET; AND 2) TAKE $100,000 AND DIVIDE IT BETWEEN THE BUSINESSES AND RESIDENTS AND TAKE THE REMAINING $13,000 AND APPLY THE FUNDS TO THE EXPENSES THE CITY INCURRED.
(MOTION: WOTEN; SECOND: HERNANDEZ)

VOTE: AMENDED MOTION PASSED 3-2
AYES: COUNCILMEMBER GHAG, VICE MAYOR HERNANDEZ, AND MAYOR WOTEN
NOES: COUNCILMEMBERS THIARA AND TICA

Reference Resolution No. 23-2020.

4. Discussion and Possible Action Regarding the Potential Censure of Councilmember Thiara
Bob Woten, Mayor

Council action: Mayor Woten asked, and Vice Mayor Hernandez agreed to develop a resolution to censure Councilmember Thiara for the Council to review at the following Council meeting.

ITEMS REMOVED FROM THE CONSENT AGENDA FOR COUNCIL CONSIDERATION AND ACTION

2. Purchase of City Vehicles
Luis Cibrian, Parks and Recreation Director

Luis Cibrian, Parks and Recreation Director, addressed questions from the Council.

Joe Aguilar, Finance Director, addressed questions from the Council.

MOTION:	APPROVE THE PURCHASE OF THREE CITY VEHICLES THAT ARE INCLUDED IN THE APPROVED FISCAL YEAR 2020-21 BUDGET. (MOTION: TICA; SECOND: WOTEN)
VOTE:	MOTION PASSED 3-2
AYES:	COUNCILMEMBER TICA, VICE MAYOR HERNANDEZ, AND MAYOR WOTEN
NOES:	COUNCILMEMBERS THIARA AND GHAG

UPDATES AND ANNOUNCEMENTS FROM THE CITY ATTORNEY AND CITY MANAGER

There were no updates and announcements from the City Attorney and the City Manager.

COUNCILMEMBER COMMENTS (WRITTEN ONLY)

Councilmember Tica provided written comments.

ADJOURNMENT

Adjourned the meeting at 7:20 pm in memory of Mohinder Ghag.

_____
Bob Woten, Mayor

ATTEST:

_____
Clarissa Menchaca, City Clerk

LIVE OAK
CALIFORNIA

City of Live Oak
Report to City Council

Meeting Date: March 17, 2021

Title: City Council Meeting Minutes

Contact Information: (Clarissa Menchaca, City Clerk)

Recommendation: Approve the March 3, 2021 City Council Regular Meeting minutes.

Attachments:

Minutes

LIVE OAK CITY COUNCIL

MINUTES MARCH 3, 2021 6:00 PM

The Live Oak City Council conducted this meeting in accordance with Governor Newsom's Executive Orders N-25-20 and N-29-20.

CALL TO ORDER

Meeting called to order by Vice Mayor Santana at Live Oak City Council Chambers, 9955 Live Oak Boulevard, Live Oak, CA at 6:15 pm.

ROLL CALL

Present: Vice Mayor Santana and Councilmember Thiara

Appeared via teleconference: Councilmembers Ghag and Woten

Absent: Mayor Hernandez

*Clerk's Note: Mayor Hernandez appeared via teleconference at 6:26 pm.

PLEDGE OF ALLEGIANCE AND INVOCATION

Councilmember Thiara led the Pledge of Allegiance. Councilmember Ghag delivered the invocation.

CORRECTIONS AND/OR CHANGES TO THE AGENDA BY CITY MANAGER ONLY

Item 3 – *Consideration of Re-Appointment to Live Oak Planning Commission* – This item was moved to be heard after Item 5 due to Mayor Hernandez's delayed arrival.

PUBLIC COMMENT

The following member of the public submitted a public comment: Anonymous.

*Clerk's Note: Nicole Rosser, City Attorney, read the Code of Conduct and Rules of Decorum.

CONSENT ITEMS

Consent Calendar is passed by one motion with exceptions and separate votes as noted.

1. City Council Meeting Minutes
   Clarissa Menchaca, City Clerk

   This item was removed from the Consent Agenda for further discussion at the request of Councilmember Thiara.

2. City Council Meeting Minutes
   Clarissa Menchaca, City Clerk

   This item was removed from the Consent Agenda for further discussion at the request of Councilmember Thiara.

BUSINESS ITEMS

3. Consideration of Re-Appointment to Live Oak Planning Commission
   Kevin Valente, Planning Director

   Mayor Hernandez provided a report for the Council.

   The following member of the public submitted a public comment: Jeramy Chapdelaine.

   MOTION: CONFIRM THE MAYOR'S RE-APPOINTMENT OF AARON ELLER TO THE LIVE OAK PLANNING COMMISSION.
   (MOTION: GHAG; SECOND: WOTEN)

   VOTE: MOTION PASSED UNANIMOUSLY

4. Council Discussion and Possible Action to Approve a Memorandum of Understanding (MOU) to Provide for Development of a Groundwater Sustainability Plan in the Sutter Subbasin in Accordance with the Requirements of the Sustainable Groundwater Management Act (SGMA)
   Scott Rolls, City Engineer

   Scott Rolls, City Engineer, provided a report for the Council.

   MOTION: 1) APPROVE THE MOU BETWEEN SUTTER SUBBASIN GROUNDWATER SUSTAINABILITY AGENCIES FOR SUSTAINABLE GROUNDWATER MANAGEMENT; AND 2) DIRECT THE CITY MANAGER TO EXECUTE THE MOU.
   (MOTION: GHAG; SECOND: THIARA)

   VOTE: MOTION PASSED UNANIMOUSLY

5. Council Discussion and Possible Action to Approve a Memorandum of Agreement (MOA) to Provide for Funding of a Groundwater Sustainability Plan in the Sutter Subbasin in Accordance with the Requirements of the Sustainable Groundwater Management Act (SGMA)
Scott Rolls, City Engineer

Scott Rolls, City Engineer, provided a report for the Council.

MOTION: 1) APPROVE THE MOA REGARDING FUNDING COMMITMENTS FOR DEVELOPMENT OF A GROUNDWATER SUSTAINABILITY PLAN FOR THE SUTTER GROUNDWATER SUBBASIN; AND 2) DIRECT THE CITY MANAGER TO EXECUTE THE MOA.
(MOTION: THIARA; SECOND: WOTEN)

VOTE: MOTION PASSED UNANIMOUSLY

ITEMS REMOVED FROM THE CONSENT AGENDA FOR COUNCIL CONSIDERATION AND ACTION

1. City Council Meeting Minutes
Clarissa Menchaca, City Clerk

MOTION: APPROVE THE NOVEMBER 18, 2020 CITY COUNCIL REGULAR MEETING MINUTES.
(MOTION: WOTEN; SECOND: HERNANDEZ)

VOTE: MOTION PASSED 4-1
AYES: COUNCILMEMBERS THIARA, WOTEN, VICE MAYOR SANTANA, AND MAYOR HERNANDEZ
NOES: COUNCILMEMBER GHAG

2. City Council Meeting Minutes
Clarissa Menchaca, City Clerk

MOTION: APPROVE THE FEBRUARY 19, 2021 CITY COUNCIL REGULAR MEETING MINUTES WITH THE CORRECTION TO ITEM 3 REFLECTING A NO VOTE FOR COUNCILMEMBER THIARA.
(MOTION: WOTEN; SECOND: HERNANDEZ)

VOTE: MOTION PASSED UNANIMOUSLY

UPDATES AND ANNOUNCEMENTS FROM THE CITY ATTORNEY AND CITY MANAGER

Aaron Palmer, City Manager, provided an update regarding the COVID-19 vaccinations.

COUNCILMEMBER COMMENTS (WRITTEN ONLY)

There were no Councilmember comments.

ADJOURNMENT

Adjourned the meeting at 7:13 pm.

_____
Luis Hernandez, Mayor

ATTEST:

_____
Clarissa Menchaca, City Clerk

LIVE OAK
CALIFORNIA

City of Live Oak
Report to City Council

Meeting Date: March 17, 2021

Title: Appointment to the Feather River Air Quality Management District (FRAQMD)

Contact Information: (Clarissa Menchaca, City Clerk)

Background: In accordance with the Agreement for Composition of the FRAQMD Board of Directors, the City of Yuba City Council has made the following new appointment:

Councilman Marc Boomgaarden - Alternate (City of Yuba City)

Pursuant to Health and Safety Code Section 40152(b), members and their composition shall be determined jointly by the counties and cities within the district. These appointments require approval of the Live Oak City Council.

Recommendation: Approve the appointment of City of Yuba City Councilman Marc Boomgaarden as the Alternate Member to the FRAQMD as required by Health and Safety Code Section 40152(b).

Attachments:

Letter from Feather River Air Quality Management District

FEATHER RIVER AIR QUALITY MANAGEMENT DISTRICT
Serving Sutter and Yuba Counties

541 Washington Ave
Yuba City, CA 95991
(530) 634-7659
FAX (530) 634-7660
www.fraqmd.org

Christopher D. Brown, AICP
Air Pollution Control Officer

February 26, 2021

Clarissa Menchaca – City Clerk
City of Live Oak
9955 Live Oak Blvd.
Live Oak, CA 95953

RE: Approval of City Council appointment

Dear Ms. Menchaca;

In accordance with the Agreement for Composition of the Feather River AQMD Board of Directors, the City of Yuba City Council has made the following new appointments listed below.

The Health and Safety Code section 40152 (b) states the members and their composition shall be determined jointly by the counties and cities within the district. These appointments require the approval of the Live Oak City Council.

Directors:

Councilman Marc Boomgaarden – Alternate (City of Yuba City)

Please approve the appointment at your earliest convenience and notify the District when the action is taken.

If you have any questions, please contact me at (530) 634-7659 x204.

Sincerely,

Maisha Bullock
Administrative Services Officer

LIVE OAK
CALIFORNIA

City of Live Oak
Report to City Council

Meeting Date:	March 17, 2021
Title:	Quarterly City Projects Report
Contact Information:	(Alison Schmidt, Management Analyst)
Location:	City Wide
Background:	The Quarterly City Projects Report is being presented to City Council to update the Council as to the status of current and upcoming City construction and grant projects. Brief detail is given regarding the name of the project, funding sources, and the current status of the project.
Fiscal Impacts:	None.
Recommendation:	Receive and file the March 2021 Quarterly City Projects Report.

Attachments:

March 2021 Projects Report

Quarterly City Projects Report
March 4, 2021

Current Capital Projects

- Well 7, north Larkin Road – Proposition 84 IRWM Grant from Shasta County with local City funds
    - Interwest Consulting is managing the project
    - Contractor to scrub well and disinfect this month to facilitate connection to the drinking water system
    - Well startup and commissioning nearly complete
- Pennington Road West Reconstruction Connecticut to Broadway – FHWA Grant Funding from SACOG with local match
    - Council authorized the project to go out to bid at the March 4, 2020 Council meeting
    - Final plans and bid documents are being prepared, anticipate spring 2021 bid
- Live Oak Streetscape Project, Live Oak Boulevard from south of Ash St to north of Ramsdell Dr – TIGER grant and Caltrans project funds
    - Caltrans is project lead, DeSilva Gates is general contractor
    - Construction well under way. Caltrans has a special website, www.liveoak99.com
    - Project completion scheduled for October 2021
- City Water and Sewer Relocations for Streetscape Project, Live Oak Blvd from Ash St to Ramsdell Dr – City funded
    - Water and sewer relocations included in Caltrans bid package instead of bidding out a separate City project to save time and money
    - Work under way

Pending Capital Projects

- Recreational Trail Phase 4, north end of O Street from Kola St to Epperson Way – SACOG grant with local City match
    - Partial design completed
    - Waiting until Pennington Road projects are complete to free up staff time to proceed with this project
- Waste Water Treatment Plant Solar – Received contract from the Water Board May 2020
    - Staff working on RFP for design and construction
- Well 8, north Larkin Road at Well 7 site – CDBG grant from the State to cover the currently estimated costs
    - Will clear general conditions with the granting agency early 2021
    - Second well, storage tank, and other necessary improvements to the site and distribution system

Future Capital Projects

- P St Lift Station – Lift station scheduled for replacement in the Capital Improvement Plan
    - Contract awarded to KSN for design, project under way

Planning Projects

- SACOG – 100K for Housing Element and Visioning Plan
    - Planner working on both projects. An ad-hoc committee has been assigned for the visioning project

Other Open Grants

- Owner Occupied Rehabilitation Program, HOME grant funding, no City funding
    - The Housing Authority is operating the program for the City due to City staff workload
    - Three rehabs have been completed. We are still accepting applications
    - Grant expenditure deadline extended through summer 2021

Pending Grant Applications

- None

Upcoming Funding Opportunities

- Staff monitors upcoming opportunities as they are posted
- If Council Members receive any information regarding upcoming grant opportunities, please pass that information along to the City Manager so that staff may follow up
- California State Parks funding, potential rec trail connection near Soccer Park and the Prison property. Application due November 2021

LIVE OAK
CALIFORNIA

City of Live Oak
Report to City Council

Meeting Date: March 17, 2021

Title: Agreement with Diversified for Audio Visual Upgrade and Resolution Amending the City's Annual Budget for Fiscal Year 2020-21 Appropriating an Additional $60,000 from General Fund Cash Reserves for Upgrading Audio Visual Equipment at City Hall

Contact Information: (Clarissa Menchaca, City Clerk)

Location: City Hall Council Chambers

Background: The City's audio visual system is intermittently failing and does not reflect the current technology requirements. In order to improve customer service to our residents, an upgrade of the equipment is recommended. We had anticipated to move City Hall and postpone the audio visual upgrades, however it does not look like this will be happening in the near future.

The City asked Tri Path Technology Group to come to City Hall to look at the audio visual system. Tri Path Technology Group's proposal and audio visual drawings are included in the staff report. Additionally, staff contacted several audio visual consultants for proposals. Diversified was the only company to submit a proposal from those contacted. Diversified's proposal is also included in the staff report for Council's review.

Staff recommends the Council provide recommended changes if any and authorize the City Manager to sign the agreement with Diversified for audio visual upgrades to the Council Chambers.

Fiscal Impacts: This was not a budgeted item for Fiscal Year 2020-21. However, there is sufficient cash reserves in the General Fund to acquire this item.

Recommendation: 1) Adopt resolution; and 2) Authorize the City Manager to sign the agreement on behalf of the City with any changes recommended by the Council.

Attachments:

Resolution
Diversified Proposal
Diversified Agreement

TRI Path Proposal
TRI Path Audio Visual Drawings

Resolution No.

RESOLUTION OF THE CITY OF LIVE OAK, COUNTY OF SUTTER, STATE OF CALIFORNIA, AMENDING THE CITY'S ANNUAL BUDGET FOR FISCAL YEAR 2020-21 APPROPRIATING AN ADDITIONAL $60,000 FROM GENERAL FUND CASH RESERVES FOR UPGRADING AUDIO VISUAL EQUIPMENT AT CITY HALL

WHEREAS, the City Manager has prepared and submitted to the City Council a proposed budget for Fiscal Year 2020-21, starting July 1, 2019; and

WHEREAS, the City Council as the legislative body of the City has adopted the budget for Fiscal Year 2020-21 that authorizes certain disbursements and expenses to be made on behalf of the City; and

WHEREAS, the City Council has determined that it is necessary to amend such budget as deemed necessary for the efficient operation of the City.

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Live Oak as follows:

1. The City Council amends the budget by in the General Fund (010):

    - Increase Appropriations by $60,000 for expenses related to upgrading the audio visual equipment at City Hall.

PASSED AND ADOPTED by the City Council of the City of Live Oak this 17th day of March, 2021, by the following vote:

AYES:
NOES:
ABSENT:
NOT VOTING:

APPROVED:

_____
Luis Hernandez, Mayor

ATTEST:

_____
Clarissa Menchaca, City Clerk

PROPOSAL

City of Live Oak
Clarissa Menchaca

9955 Live Oak Boulevard
Live Oak, CA 95953

March 4, 2021

Don Isbell
5627 Stoneridge Drive
Pleasanton, CA 94588
disbell@diversifiedus.com
925.557.5556

EXECUTIVE SUMMARY

Dear Ms. Menchaca,

Thank you for considering Diversified as the design and implementation partner for your AV upgrades.

This document contains our response for audio-visual design and implementation services based off the documents that you provided.

Diversified believes that it is uniquely qualified as a partner for this project based on the following attributes:

- Diversified has well over 2000 installations in Northern CA and specializes in Audio Visual and broadcast systems with customers including the Sacramento Kings, San Jose Sharks, SF Giants, CA Senate, Union Bank, Wells Fargo Bank, Bank of America, Workday, Apple, Netflix, UBER, Facebook, Google, and various City and County entities using our services for design and implementation.

- Diversified employs over 200 skilled employees in seven offices throughout CA and does not use subcontractors.

- Our partnership with the products specified and leaders in the industry, Crestron, Cisco, Extron, BiAmp, and Shure as evidenced by the fact that we hold the highest certifications available for these product lines.

- Our commitment to maintaining highly trained teams of people has resulted in achieving Avixa's (AV industry's governing trade group) APEx Level certification which is the highest level that can be attained.

- The commitment we make to each of our clients to provide state of the art, reliable and easy to use technologies.

Diversified is a team of people driven to succeed in their effort to deliver outstanding results and hopes to build our relationship with City of Live Oak.

Regards,

Don Isbell

SCOPE OF WORK

The City of Live Oak's City Council Chambers is in need of a full modernization upgrade existing components, upgrading the audio and visual quality of the space, leading to a much higher quality, more reliable communication experience for both persons attending meetings in person in the Chambers, as well as those viewing on the live stream.

The audio system will be upgraded with a new Digital Signal Processor (DSP) at the heart of the system. This system will provide significantly more audio processing over the existing rudimentary system. The DSP will allow precise control over the audio feeds going into the Chambers and to the stream. The DSP also will improve the audio quality for better speech clarity. Ceiling speakers will be replaced and will have two discreet audio zones. In the Dias area four speakers will be installed above the Dias Area, and four speakers installed over the audience area. This zoning of the speakers allows the dais microphones to be amplified more over the audience, and any audience microphones, such as the podium or wireless microphones, to be amplified more over the Dias area. This leads to the dais members to be able to hear audience comments more clearly, as well as the audience.

All microphones will be replaced with new 10" goosenecks of higher quality that the existing units. Each gooseneck microphone will have a mute button and an indicator light showing its current mute status. Also included are (2) new 70" video displays to be placed on the South wall in the space in between each of the windows. The inclusion of two displays allows the dais members to be able to better focus on the display closest to them, with another display in the audience area, allowing comfortable viewing from that area as well.

For Council members to be able to attend meetings remotely through Zoom, a 27" desktop monitor has been included for the mayor's position at the dais. The addition of this 27" monitor at the mayor's dais position will allow the mayor to sit comfortable at their standard desk position to run meetings as opposed to having to move to an uncomfortable temporary position. If this position is no longer needed, it may be removed. A dedicated Owner Furnished Equipment (OFE) PC computer, like the existing unit, will be utilized to handle all Zoom and media playback needs. This PC will be fully controllable from the dais utilizing a wireless mouse/keyboard.

An auxiliary "Guest" HDMI input will be installed at the Clerk's Desk position to allow connection of guest HDMI devices. The Guest HDMI input will be able to send video and audio into the system but will not be able to initiate videoconferences. Because Guest presentation content needs to be able to also be sent to the Zoom call for any remote Council Member attendees to be able to see the guest presentation content, a special "media bridge" to the OFE PC is included that will allow the Clerk to select which feed is currently being sent to the Zoom call – the Chambers camera, or the video feed from the Guest HDMI device. Each of the three video displays, the two 70" displays and the 27" mayor's display, as well as the video feed to the Granicus will be mirrored and always show the same content, whether that be the OFE PC or a Guest HDMI device.

The final result of this video system will be that either the OFE PC or the Guest PC may be shown in the displays, with whichever input that is currently selected being displayed on all three displays as well as the Granicus streaming/archive unit. The existing camera at the back of the room will be re-used. A control panel will be installed on the Clerk's desk in the same enclosure as the Guest HDMI input. This control panel will control power for the displays, source selection, as well as basic volume and mute control for the audio system. New AV cabling, AV network switching, and power management are included as necessary to produce a modernized, reliable AV system upgrade.

MDF (Network Closet, Second Floor, Existing Equipment Rack)
The following section describes equipment and systems that will be installed in the Main Distribution frame (MDF) of the system. The MDF is typically where the bulk of the equipment will be installed. The MDF will be located in the existing equipment rack in the second floor Network Closet.

Processing & Switching
1. Digital Signal Processing (DSP)
Council Chambers
a. The DSP will provide audio input connectivity
i. Ten (10) wired microphones
ii. One (1) wireless microphone
iii. OFE (Owner Furnished) computer for video conferencing
iv. Video switching system
b. The DSP will provide audio output connectivity
i. Eight (8) hardwired loudspeakers
ii. Granicus management device
iii. OFE (Owner Furnished) computer for video conferencing
c. The DSP will route audio signals appropriately between the above devices
d. The DSP will include echo cancellation software to prevent microphone feedback and echo effects between microphones and speakers
e. The DSP will be setup and custom programmed to provide proper microphone input signals and loudspeaker output signals to provide an even and constant sound field in the space
f. The primary DSP hardware device will be installed in the MDF located in the Network Closet on the Second Floor
g. Secondary DSP hardware will be installed at the IDF rack under the Clerk's Desk and under the Dias (for Dias microphone connectivity)
2. Video Switching
a. The system will include a 4x4 (four input and four output) video switcher to provide connectivity between the source devices and displays
b. Four (4) Source Inputs:
i. OFE (Owner Furnished) computer, connected via HDMI cable
ii. BYOD (Bring Your Own Device) auxiliary jack located on the Clerk's Desk, connected via HDBaseT wiring (Category 6 and HDMI cables)
iii. Not used (future use)
iv. Not used (future use)
c. Four (4) Display Outputs:
i. OFE computer via HDMi to USB bridging device (allow for content sharing with far end meeting participants
ii. Tabletop display on Dias at Mayor's seat, connected via HDBaseT wiring (Category 6 and HDMI cables)
iii. Left Display on the Chambers' side wall, connected via HDBaseT wiring (Category 6 and HDMI cables)
iv. Right Display on the Chambers' side wall, connected via HDBaseT wiring (Category 6 and HDMI cables)
d. Source selection at each display will be controlled using the Control Panel located at the

Clerk's Desk.
All displays will show the same source and audio from the selected video source. A managed network switch to connect the entire AV system together will be provided and installed. The managed switch does not require any connection to the Building's Network Infrastructure and is intended as a "closed" network for AV devices only. A second, smaller AVB enabled network switch will be provided at the MDF to connect DSP components only. This AVB switch contain particular protocols to handle audio and video traffic within other network traffic. This AVB switch will connect to the managed switch via a standard Ethernet cable. (switch does not require any connection to the Building's Network) and is intended as a "closed" network for AV devices only.

The City will provide a new computer to use as the connection point for video conference calls.
The OFE computer currently installed behind the wall mounted display on the side wall of the council chambers will be relocated to the MDF. A simple KVM (Keyboard-Video-Mouse) extender will be provided to allow for control of the OFE computer from the Clerk's Desk. The existing camera on the back wall of the Chambers will be connected to the OFE computer via a USB cable to provide video to the far end of video conference sessions. The OFE computer will be connected to the video switching system so that it may be viewed on any display in the room and will be connected to the DSP system via USB.

Racks & Power
Existing vertically mounted equipment rack installed under the Clerk's Desk will be used to house the new AV equipment in the IDF. A new 8-outlet surge protector and power distribution unit will be provided and installed in the rack to provide power to all AV rack mounted devices. One 15-amp receptacle (NEMA 5-15R) will be needed to provide power to the AV system.

Council Dias
Microphones
Seven hardwired gooseneck microphones will be installed on the Dias to allow for Council Member participation in meetings and video conference sessions. These tabletop microphone bases will have an integrated mute button to enable or disable the microphone in the audio system. The microphones will have a two-color light indicator at the base to alert the user of the microphone's status. The microphone wires will be routed through the Dias and directly wired to the remote DSP expanders mounted under the Dias countertop.

B. Loudspeakers
1. Three (3) new In-ceiling speakers will be installed above the Dias to provide audio from the Podium microphone, Clerk's Desk microphones and other audio sources. The speakers will be setup in a mix-minus configuration to alleviate feedback and echo. The amplifier for the speakers will be located above the ceiling tiles and will power all speakers in the Council Chambers. The amplifier, and subsequently the loudspeakers, will be connected to the new DSP system via AVB Network cabling at the MDF located in the Network Closet on the Second Floor.

C. Video Displays
1. A new 27-inch monitor will be installed on the Dias countertop at the Mayor's location to provide a more personable video conferencing experience. The monitor will be wired to the video system in the MDF using HDBaseT and HDMI wiring. Power for the monitor will be controlled using the integrated power button on the unit

D. Processing & Switching
Two DSP expansion units will be installed under the Council Dias to connect the Dias hardwired microphones the Audio System

Microphones
Three gooseneck microphones will be hardwired on the Clerk's Desk to allow for Support Staff participation in meetings and video conference sessions. These tabletop microphone bases will have an integrated mute button to enable or disable the microphone in the audio system. The microphones will have a two color light indicator at the base to alert the user of the microphone's status.

A control panel will be provided on the Clerk's Desk to allow for control over basic AV functionality in the Council Chambers and will be surface mounted on top of the desk, the enclosure will be clamped to the desk, so it is stationary. This control panel will control the power to the two displays on the side wall, power on/off for the monitor on the 27" Dias will be controlled using the power button on the monitor (not a part of the control system). The

control panel will have buttons for source selection to all video displays in the system. One button for each source will send that source to all displays simultaneously. The control panel will have a volume knob that will control the overall sound level in the room along with a mute button to cut off all microphones in the Chambers.

Attendee Area
One new wireless microphone will be installed on podium used for Attendee participation. The wireless mic will include a rechargeable battery and single unit charging stand. The wireless microphone will be mounted on table-top gooseneck microphone stand and the mic receiver will be located under the Clerk's Desk and hardwired to the new DSP system. Four new In-ceiling speakers above the attendee area to provide audio from Dias and Clerk's microphones as well as other audio sources. The amplifier for the speakers will be located above the ceiling tiles and will power all speakers in the Council Chambers. The amplifier, and subsequently the loudspeakers, will be connected to the new DSP system via AVB Network cabling at the MDF located in the Network Closet on the

Second Floor
Video Displays:
Two new video displays will be provided and installed on the side wall of the Council Chambers between the three windows. The new Left Display will replace the existing TV on the wall and the new Right Display will be a new location. Displays will be mounted using new articulating arm brackets to allow for multiple viewing angle. Each display will receive new wiring: two (2) Category 6 and one (1) Category 6 Shielded from the MDF located in the Network Closet on the Second Floor. The left display will receive power from the existing recessed power outlet where the right display will require a power outlet. (to be provided by the city).
The video displays will receive signals from the video switch at the rack.

Camera
The existing PTZ camera and wring will be reused in the new system. The camera will be hardwired to the OFE (owner furnished) computer located in the Network Closet on the Second floor. Camera will be used to show an overall view of the room from the back wall during a Council Meeting.

Miscellaneous
Diversified will remove the existing equipment rack and any old, un-needed equipment and all parts and hardware will be returned to the City to reuse or recycle. Removal of the existing rack may require repair work to the wall. Diversified will not be held responsible for any damage relating to the removal of the existing rack, any repair work required with be managed by the City of Live Oak.

Customer	*City of Live Oak, California*
Opportunity	*Council Chambers Updates*
Bill To Address	*9955 Live Oak Blvd*
Ship To Address	*9955 Live Oak Blvd*
Quote Number	*QUO-22282-C5T2N1*
Revision Number	*0*
Diversified Representative	*Don Isbell*

Project/Room Summary and/or Added AE notes:

Item	Manufacturer	Model	Description	Qty	List Price	% Discount Off	Unit Price	Extended Price	Notes
1			**Council Chambers**						
1.30	Shure Inc	ULXD2/SM58=-H50	Handheld Transmitter with SM58® Microphone	1.00	$593.00	26.74	$434.45	$434.45	
1.40	Atlas Sound	DS7E	Adjustable Height Desktop Mic Stand 8-13 Ebony Finish	1.00	$41.99	32.89	$28.18	$28.18	
							Items Subtotal	**$462.63**	
			Audio						
1.10	Shure Inc	MX410LP/S	10" Shock-Mounted Gooseneck, Supercardiod, less Preamplifier	10.00	$276.00	33.31	$184.06	$1,840.60	
1.20	Shure Inc	MX400DP	Small Desktop Base with input, switched preamplifier, programmable logic switch and LED. Supports standard and light ring microphones	10.00	$283.00	33.28	$188.81	$1,888.10	
1.50	Shure Inc	ULXD4D=-H50	Dual Digital Wireless Receiver with internal power supply, 1/2 Wave Antenna and Rack Mounting Hardware	1.00	$3,131.00	24.52	$2,363.13	$2,363.13	
1.60	Shure Inc	SBC10-100-US	SINGLE BATTERY CHARGER FOR SB900	1.00	$75.00	30.33	$52.25	$52.25	
1.70	Biamp	Tesira EX-AEC	Tesira 4 channel mic/line input expander with AEC and PoE+	3.00	$1,778.00	37.50	$1,111.25	$3,333.75	
1.80	Biamp	TesiraCONNECT TC-5	5-port expansion device	2.00	$1,200.00	37.50	$750.00	$1,500.00	
1.90	Biamp	TesiraFORTE AVB VT4	Fixed I/O DSP with 4 analog inputs, 4 analog outputs, 8 channels configurable USB audio, 128 x 128 channels of AVB, AEC technology (all 4 inputs), 2 channel VoIP	1.00	$2,798.00	37.50	$1,748.75	$1,748.75	
1.100	Biamp	AMP-450BP	4 channel PoE+ conferencing amplifier	1.00	$798.00	37.50	$498.75	$498.75	
1.110	Biamp	C-IC6 WHITE	In-Ceiling, 6.5", Coaxial Loudspeaker, White	8.00	$198.00	37.50	$123.75	$990.00	
							Items Subtotal	**$14,215.33**	
			Other						
1.210	Crestron	MPC3-302-W	3-Series® Media Presentation Controller 302, White	1.00	$1,090.00	39.02	$664.63	$664.63	
1.220	ATEN	CE820	USB HDMI HDBaseT2.0 KVM Extender	1.00	$1,001.00	23.35	$767.27	$767.27	
1.230	WattBox	WB-800-IPVM-12	800-series 12 Outlet Rack Mount IP Controllable	1.00	$749.95	41.47	$438.98	$438.98	
1.240	WATTBOX	WB-200-9HTR	Power Conditioner - 9 Outlets, 5400J, EMI/RFI Filtration, 3 Coax, 1 Ethernet, 1 Phone	1.00	$351.60	48.78	$180.09	$180.09	

1.250	Ubiquiti	US-16-150W	16-Port PoE+ Switch w/ SFP	1.00	$0.00	0.00	$328.05	$328.05	
							Items Subtotal	**$2,379.02**	
			Video						
1.120	Vaddio	999-6920-100	ZoomSHOT 20 QUSB System	1.00	$0.00	0.00	$0.00	$0.00	OFE
1.130	Vaddio	999-8240-000	AV BRIDGE MINI	1.00	$2,002.00	12.51	$1,751.54	$1,751.54	
1.140	SHARP	4T-B70CJ1U	70"4K 3840x2160 LCD with tuner,2 HDMI,RS232,USB, media player 16/7	2.00	$1,750.00	12.93	$1,523.75	$3,047.50	
1.150	Chief	LTM1U	Large height adjustable tilt wall mount	2.00	$345.00	40.76	$204.38	$408.76	
1.160	Sharp	LL-B240	24" 1920x1080 250cd/m2 with 3-yr warranty LCD Desktop Monitor	1.00	$220.00	11.93	$193.75	$193.75	
1.170	CRESTRON	HD-MD4X4-4KZ-E	4x4 4K60 4:4:4 HDR AV Switcher	1.00	$4,000.00	39.02	$2,439.02	$2,439.02	
1.180	Crestron	HD-TX-101-C-E	DM Lite – HDMI® over CATx Transmitter, Surface Mount	3.00	$330.00	39.02	$201.22	$603.66	
1.190	Crestron	HD-RX-101-C-E	DM Lite – HDMI® over CATx Receiver, Surface Mount	4.00	$330.00	39.02	$201.22	$804.88	
1.200	Crestron	HD-TX-101-C-1G-E-B-T	DM Lite – HDMI® over CATx Transmitter, Wall Plate, Black Textured	1.00	$380.00	39.02	$231.71	$231.71	
							Items Subtotal	**$9,480.82**	
			zz.Misc						
1.360	Diversified	MscMaterials	Miscellaneous Materials	1.00	$0.00	0.00	$2,285.71	$2,285.71	
							Items Subtotal	**$2,285.71**	
			Professional Services						
1.260	Diversified	Engineer	Design Engineering Services	1.00	$0.00	0.00	$0.00	$1,644.00	
1.270	Diversified	CAD Operator	Drafting Services	1.00	$0.00	0.00	$0.00	$720.00	
1.280	Diversified	Project Manager	Project Management Services	1.00	$0.00	0.00	$0.00	$3,720.00	
1.290	Diversified	Field Engineer	Field Engineering Services	1.00	$0.00	0.00	$0.00	$1,661.10	
1.300	Diversified	Programmer	Programming Services	1.00	$0.00	0.00	$0.00	$2,288.00	
1.320	Diversified	Installation Tech	On-site Installation Services	1.00	$0.00	0.00	$0.00	$4,752.00	
1.330	Diversified	Project Coordinator	Project Administration/Coordination	1.00	$0.00	0.00	$0.00	$558.00	
							Services Subtotal	**$15,343.10**	
			General & Administrative						
1.340	Diversified	Freight	Freight	1.00	$0.00	0.00	$667.75	$667.75	
							G&A Subtotal	**$667.75**	
			Travel & Expense						
1.350	Diversified	Expenses	Travel and Expenses	1.00	$0.00	0.00	$2,083.33	$2,083.33	
							Expense Subtotal	**$2,083.33**	
			Service Contracts						
1.370	Diversified	Support Contract	Commercial Assurance - 3 year Paid Upfront, details specified in Proposal	1.00	$0.00	0.00	$4,104.00	$4,104.00	
							Contract(s) Subtotal	**$4,104.00**	
							Room/Task Total	**$51,021.69**	

			SUMMARY					
Item	**Room/Task Unit**		**Room/Task Description**	**Qty**				**Extended Price**
1	$51,021.69		Council Chambers	1.00				$51,021.69
			Total Tax					$2,089.74
			Grand Total					**$53,111.43**

APPROVAL

Authorized by (Printed Name) _____

Signature _____

P.O. Number _____

Date _____

PROJECT ASSUMPTIONS

- Project schedule as agreed upon by Diversified and the client will establish the milestones, dates, and period of performance.
- All work will be performed during regular business hours (Monday-Friday, 8AM – 5PM).
- All workspaces will be continuously available as scheduled.
- All workspaces will be unobstructed, clean, and dust free by the dates shown on the official project schedule.
- All client-provided CAD drawings or building plans provided to Diversified are accurate. (This includes but is not limited to plan views, reflected ceiling plans, elevations, conduit risers, electrical, millwork details, specific mounting details, etc.)
- All necessary technical infrastructure will be available, in place, and functional as defined in the project schedule. (This includes WAN, LAN, cable or satellite, ISDN, POTS lines/digital phones lines, etc.)
- All necessary client provided infrastructure will be provisioned, available, and functional as defined in the project schedule. (This includes the appropriate IP, server, DNS, gateway, and SPID information for any WAN, LAN, or ISDN connection hat is part of the system as well as conduit, cable tray, power, grounding, and HVAC)
- All owner furnished equipment and cabling will be available, in place, and functional as defined in the project schedule.
- All electrical services will be available, in place, and functional as defined in the project schedule. (This includes, but is not limited to, AC power, J boxes, conduit/cable pathways, cable trays, grounding wires or rods, floor boxes or pockets, etc.)
- All necessary ceiling trim work, drywall, woodwork, millwork painting, etc., will be in place as defined in the project schedule.
- All user furnished sources will be available during system commissioning and training. (This includes laptops, computers, satellite/cable feeds, etc.)
- Building access through front doors, loading docks, elevators, etc. as required for large equipment and installation load in will be provided.
- Any necessary keys, security badges, clearance, etc. will be provided as needed for the course and duration of the project.
- Parking will be provided within a reasonable distance of the job site.
- All necessary test equipment will be allowed on site with no restrictions.
- Appropriate client representatives will be available during the course of the project and any scheduled training sessions.
- Any changes in the above assumptions must be approved by Diversified and the client following the prescribed change management process and the ramifications communicated.

Diversified Responsibilities

- Inspection and site survey (on premise).
- Weekly project status reports.
- Communicate proposed changes in writing as soon as they arise and follow prescribed change management process expeditiously.
- System delivery, installation, and testing as defined by functional scope.
- Training provided after completion of system installation.
- Clean up work area at end of each day.

Initials of the Parties _____ _____

Client Responsibilities

- The client will assign a single point of contact authorized to sign off on all project deliverables.
- Communicate proposed changes to any scope, assumptions, or schedule as soon as they arise and follow prescribed change management process expeditiously
- Equipment damage from dust or other contaminants during the course of the project.
- Provide relevant architectural changes to the facility in order to accommodate the integration of equipment supplied by Diversified. (This includes, but is not limited to, rough openings for projection screens, ceiling finish work for projection screens, painting requirements for rear projection rooms (flat back), window treatments, lighting control systems, and lighting changes.)
- Identify third-party contractors (i.e., electricians, construction personnel, architects, and designers) and determine the client coordinator.
- Provide clean and secure installation area during project period. If the space is not clean or secure during installation, Diversified will only deliver equipment that is signed for. Client assumes risk for loss or damage to equipment under these conditions.
- Ensure all larger screen displays and projectors are turned off after use to prevent image burn. Diversified is not responsible for image burn caused by static images displayed over an extended period of time.

Schedule

- Project schedule will be provided within five (5) days of receipt of purchase order or signed contract. This schedule includes client milestones, design, equipment procurement, programming, on-site work, and customer training and is based on the assumptions listed above.

General Notes

- Diversified utilizes non-union labor. Union labor requirements will be the responsibility of the client.
- Diversified is not a high voltage contractor and as such will undertake no high voltage installation work in the fulfillment of this project.
- Job scope provides proprietary information developed by Diversified for the purpose of defining this specific project. This information may not be used by the owner or other contractors without written consent.
- Final completion and warranty engagement is reached when the items listed on this document are fulfilled. This includes testing, commissioning, and training on fully-operational integrated systems. In large multi-room projects, rooms may be brought online on a pre-determined schedule in order for warranty to remain in sync.
- Proposed changes to this document or additional labor charges resulting from changes to the scope, assumptions, or schedule are subject to a Change Order according to the prescribed change management process and may result in additional charges.

Conclusion

- This document, including any referenced attachments, represents Diversified and the Client's mutual understanding of the scope, schedule, and functionality for the systems to be designed and installed.

Initials of the Parties _____ _____

TERMS & CONDITIONS

Diversified (Diversified) shall provide all services and/or equipment ordered by Client in a professional and workmanlike manner and in accordance with "best in class" generally accepted industry standards (as used throughout this Agreement, any services described in an accepted scope of work (a "SOW"), the "Services; equipment described in an accepted SOW, the "Equipment"). Diversified may provide additional services or equipment beyond those described in the SOW if the parties mutually agree in writing to such services. Services and/or equipment not specifically described in the SOW shall be the responsibility of Client or other third parties engaged by Client.

Client's Responsibilities Client shall provide Diversified with all information, surveys, reports, and professional recommendations and any other related items reasonably requested by Diversified in order to perform the Services or deliver the Equipment. When available, Client must provide Diversified with up-to-date plans in the event they impact the Scope of Work. Diversified may rely on the accuracy and completeness of these items without any obligation of independent verification. Client will not be responsible for obtaining or paying for necessary permits from authorities with jurisdiction over the Services and/or Equipment unless Diversified provides written notification in the SOW stating otherwise.

Delivery, Title and Risk of Loss – Systems Integration Projects In the case of a systems integration project with prefabrication at a Diversified integration facility, title and risks of loss of or damages to any Equipment will pass to Client upon Diversified's delivery of them to the Client's place of business.

Delivery, Title and Risk of Loss – Drop Shipments In the case of drop shipments, delivery dates are approximate and are based upon prompt receipt of all necessary information from Client. Unless otherwise specified by Diversified or provided for in other signed agreements, delivery will be made and title and risks of loss and/or damage will pass F.O.B. point of shipment to Client. All claims for damage or loss of Equipment must be made directly to the freight carrier.

Taxes The prices for Services and Equipment indicated in this Agreement are subject to taxes, including, but not limited to, sales, excise or use taxes. Client shall pay all sales, use, ad valorem, excise and/or any other taxes imposed on either party by virtue of this Agreement. Diversified will invoice Client for any of these taxes Diversified is legally obligated to collect from Client.

Estimated Schedule and Delivery Time Diversified shall use commercially reasonable efforts to render the Services and/or Equipment in accordance with any committed timetable set forth in the SOW. If during the course of providing the Services and/or Equipment, events outside the reasonable control of Diversified impact the completion schedule, Diversified will notify Purchaser promptly of any material delay and will specify a revised delivery date as soon as practicable. Diversified shall notify Client of any such delays within 48 hours.

Fees and Payment Client shall pay Diversified the fees for Services and/or Equipment billed on the invoice consistent with the payment term provisions outlined below. Payments more than 30 days past due will accrue interest at the lesser of 1.5% per month, or the maximum rate permitted by applicable law.

Diversified Standard Payment Terms

Payment Schedule	Invoiced When:	Bill Amount	Due Date
Equipment-Only Sales	Equipment is ordered by Client	100% of total fee	Net 15 days of invoice date
Project-Related Sales			
Deposit Payment	Work is approved by Client	50% of total fee	Net 30 days of invoice date
Progress Payment 1	Engineering work is completed by Diversified	20% of total fee	Net 30 days of invoice date
Progress Payment 2	Equipment received in Diversified's Warehouse	20% of total fee	Net 30 days of invoice date
Final Payment	Client's first substantial use of the system	10% of total fee	Net 30 days of invoice date

Approval of Orders This Agreement and all SOWs for Services or Equipment under this Agreement are subject to acceptance by Diversified including, if appropriate, approval by Diversified Credit Department. Upon request, Client will furnish Diversified such financial information as Diversified may reasonably request for this approval. Diversified may, in its sole discretion, cancel this Agreement at any time if Client fails to meet credit requirements established by Diversified.

Confidentiality During the course of this Agreement, each party, its employees, subcontractors, officers and agents may receive or have access to confidential or proprietary information of the other party ("Confidential Information"). All Confidential Information relating to either party shall be held in absolute confidence by the other party. Each party shall, however, be permitted to disclose relevant Confidential Information to its officers, agents, and employees to the extent that such disclosure is necessary for the performance of their duties under this Agreement, provided that the data may be collected, used, disclosed, stored, and disseminated only as provided by and consistent with the law. Confidential Information will not include information that: (a) is lawfully in the public domain; (b) has been independently developed by the other party; (c) was already in the possession of the other party; (d) was supplied to the other party by a third party lawfully in possession thereof and legally permitted to further disclose the information; or (e) which the other party is required to disclose by law.

Termination / Suspension of Contract Either party may terminate this Agreement at any time upon at least 30 days prior written notice to the other party. Client shall pay Diversified for all Services rendered and Equipment delivered up to the effective date of termination plus any associated restocking fees for materials that cannot be returned for credit. Diversified is not required to release any work product unless Client has made payment in full for the respective Services and/or Equipment. Diversified may terminate this Agreement or suspend the performance of the Services if Client fails to pay Diversified any invoice issued pursuant hereto. Diversified shall have no liability to Client or any third party as a result of any such suspension or termination.

Independent Contractors; No Agency Each party is and shall act solely as an independent contractor. Nothing in this Agreement shall be construed to give either party the power or authority to act for, bind, or commit the other party in any way, or, to create the relationship of partners, principal and agent, or joint-venture partners between the parties.

Warranty Except as specifically outlined in **Addendum A**, attached, Diversified makes no warranties, whether express, implied or statutory, regarding the Services and/or Equipment provided under this Agreement.

Limitation of Liability Neither party shall be responsible for any consequential, incidental, indirect, exemplary, special or punitive damages arising under this Agreement.

Governing Law This Agreement shall be governed by and construed in accordance with the laws of the state of Georgia without regard to its conflict of laws provisions.

Dispute Resolution Any dispute arising or related to this Agreement that Diversified and Client are unable to resolve by mutual agreement, shall be settled by binding arbitration conducted in Atlanta, Georgia in accordance with the rules of the American Arbitration Association. .

Assignment Neither party may assign this Agreement without the prior written consent of the other, though such consent shall not be unreasonably withheld. Nothing in this Agreement shall create a contractual relationship for the benefit of any third party.

Non-Solicitation of Employees Client agrees that during the provision of any Services as provided by Diversified under this Agreement and for a period of one (1) year after the termination of this Agreement, Client will not solicit or induce, directly or by use of a third party, any employee of Diversified leave his/her employ with Diversified. If Client violates this provision, Client shall pay Diversified a fee equal to fifty (50%) of such employee's then-current salary at Diversified.

Miscellaneous This Agreement is the entire and integrated agreement between Client and Diversified. If any term or provision of this Agreement is found to be unenforceable or invalid for any reason, the remainder of this Agreement shall continue in full force and effect. This Agreement may be executed in one or more counterparts, including facsimile, each of which when executed shall be deemed to be an original.

AGREED:

DIVERSIFIED	**CLIENT**
By: _____	By: _____
Print Name: _____	Print Name: _____
Title: _____	Title: _____
Date: _____	Date: _____

ADDENDUM A:

Diversified Limited Workmanship Warranty

In addition to any other rights you may have, Diversified shall extend a ninety (90) day limited defective equipment and workmanship warranty from the date of substantial or practical completion of the system installation or beneficial use of the system by the client whichever is first occurring, unless such period has been superseded by the purchase of a Diversified Service Agreement Package. Details describing our Service Agreement options are outlined in a separate document. Diversified's limited warranty shall cover defective equipment and defects in workmanship for installation work relating to but not limited to cabling, connectors, structural elements, mountings, equipment rack wiring and internal adjustments. Under the limited warranty, labor services will be provided at no charge. Defects in third party manufacturer equipment and/or installation or other services provided by the manufacturer are covered under the manufacturer's warranty and will be managed by Diversified during the limited warranty period. Product serial numbers must not be removed.

a) Diversified's limited warranty excludes coverage due to equipment or system abuse, neglect, alteration, lamps and bulbs, misuse including but not limited to: operating outside of environmental, user error, electrical, temperature or humidity specifications, system alterations neither approved nor performed by Diversified or repair by a service facility other than those authorized by the manufacturer. If within the limited warranty period, we are contacted with a support request that falls under this limited warranty exclusion, time, travel and equipment for this and any subsequent visit required will be billed at our current labor Time & Material rates.

b) All service support requests made after the expiration date of the limited warranty will be billed at our current labor Time & Material rates.

c) If a warranty in excess of 90 days is required by law in the country, state or local jurisdiction of system installation, Diversified shall extend the minimum warranty term required by applicable law. To the extent permitted by applicable law, any implied warranties, guarantees, terms or conditions, replacement components last only during the term of the limited warranty. Some local jurisdictions, states or countries may not allow limitations on how long an implied warranty, guarantee, term or condition lasts, so this limitation may not apply.

d) Diversified's limited warranty gives specific legal rights, and you may also have other rights which vary from state to state. You may also have other rights which vary from country to country.

e) If any provision of Diversified's limited warranty is legally invalid, the limited warranty shall endure except for the invalid provision. However, if a court determines that any provision is invalid, the court may limit the provision, delete specific words or phrases, or replace the invalid provision with one that is valid and that comes closest to expressing the intent of the invalid provision.

f) TO THE EXTENT PERMITTED BY APPLICABLE LAW, DIVERSIFED SHALL NOT BE HELD LIABLE FOR SPECIAL, INDIRECT, INCIDENTAL, OR CONSEQUENTIAL DAMAGES ARISING FROM A BREACH OF WARRANTY, SPECIFICALLY, DIVERSIFIED IS NOT RESPONSIBLE FOR ANY COSTS SUCH AS LOSS OF PROFITS OR REVENUE, LOSS OF DATA, BUSINESS DAMAGE OR OTHERWISE. SOME LOCAL JURISDICTIONS, STATES OR COUNTRIES MAY NOT ALLOW A LIMITATION ON SUCH DAMAGES, SO THIS LIMITATION MAY NOT APPLY.

Service Agreements

Diversified offers several types of Service Agreement Packages. Our basic 3-year on-site service agreement option is included in our proposal.

AGREEMENT FOR PROFESSIONAL SERVICES

This Agreement is made and entered into as of March 17, 2021 by and between the City of Live Oak ("City") and Diversified ("Consultant").

RECITALS

A. The City Manager holds the authority under the Live Oak Municipal Code to execute this professional services agreement at this dollar amount for work related to audio visual upgrades to the City Hall Council Chambers.

B. The Consultant is specially trained, experienced and competent to provide the professional services required by this Agreement.

C. The Consultant possesses the skill, experience, ability, background, license, certification, as required by law, and knowledge to provide the professional services described in this Agreement in accordance with the terms and conditions described herein.

D. City desires to retain Consultant to render the professional services as set forth in this Agreement.

AGREEMENT

1. Scope of Services. The Consultant shall furnish the following services in a professional manner: Consultant shall perform the services described in Exhibit "A" which is attached hereto and incorporated herein by reference. Consultant shall provide such professional services at the time, place, and in the manner specified in Exhibit "A," subject to the direction of the City.

2. Time of Performance. The services shall commence upon execution of this Agreement, and shall continue until for a period not to exceed one year or until terminated as set forth in Section 6 (Termination) of this Agreement.

3. Compensation. Compensation to be paid to Consultant is in accordance with Exhibit "A", which is attached hereto and incorporated herein by reference and not to exceed $54,000. The parties agree that the vendor will be paid 50% of the contract amount upon 50% completion, an additional 30% of the contract upon 80% completion, and the last 20% shall be payable to the vendor after the installation is operation for the City for 30 days. Upon the mutual consent of both parties, the agreement can be extended on a monthly basis and at the billing rates then effect at the conclusion of the agreement. Payment by City under this Agreement shall not be deemed a waiver of defects in Consultant's services, even if such defects were known to the City at the time of payment. Method of

Payment. Consultant shall submit monthly billing to City describing the services provided during the preceding month. Consultant's bills shall include a brief description of the services performed, the date the services were performed, the number of hours spent and by whom, and a description of any applicable reimbursable expense. Any reimbursable expense will be agreed to by the City in advance. City shall pay Consultant within a reasonable time upon approval of themonthly invoice by City staff, such approval to not be unreasonably withheld.

4. Additional Services. At any time during the term of this Agreement, City may request that Consultant provide Additional Services. As used herein, "Additional Services" means any services which are determined by City to be necessary for the proper completion of Consultant's services, but which the parties did not reasonably anticipate would be necessary at the execution of this Agreement. Consultant shall not perform, nor be compensated for, Additional Services without prior written authorization from City as evidenced by a specific Task Order that specifies the services to be provided, personnel to be used, and the not-to-exceed cost for the additional services.

5. Termination. This Agreement may be terminated by the City at any time. Upon termination, Consultant shall be entitled to compensation for services properly performed up to the effective date of termination.

6. Ownership of Documents. The City acknowledges the Consultant's documents, including electronic files, as the work papers of the Consultant and the Consultant's instruments of professional service. All plans, studies, documents, and other writings prepared by and for Consultant, its officers, employees, and agents and subcontractors in the course of implementing this Agreement, except working notes and internal documents, shall become the property of the City upon payment to Consultant for such services, and the City shall have the sole right to use such materials in its discretion without further compensation to Consultant or to any other party. Consultant shall not be held liable for any modification or reuse of the City-owned instruments of service for purposes outside this Agreement. Consultant shall, at Consultant's expense, provide such reports, plans, studies, documents, and other writings to City within three (3) days after written request. Nothing herein shall be construed as a limitation on Consultant's right to re-use component design details, features and concepts on other projects, in other contexts or for other clients.

8. Licensing of Intellectual Property. This Agreement creates a nonexclusive and perpetual license for City to copy, use, modify, reuse, or sublicense any and all copyrights, designs,

and other intellectual property embodied in documents or works of authorship fixed in any tangible medium of expression including, but not limited to, data magnetically or otherwise recorded on computer diskettes, CDs or other electronic form which are prepared or caused to be prepared by Consultant under this Agreement ("Documents and Data"). Consultant shall require all subcontractors to agree in writing that City is granted a nonexclusive and perpetual license for any Documents and Data the subcontractor prepares under this Agreement. Consultant represents and warrants that Consultant has the legal right to license any and all Documents and Data. Consultant makes no such representation and warranty in regard to Documents and Data which may be provided to Consultant by City. City shall not be limited in any way in its use of the Documents and Data at any time, provided that any such use not within the purposes intended by this Agreement shall be at City's sole risk.

9. Confidentiality. All ideas, memoranda, specifications, plans, procedures, drawings, descriptions, computer program data, input record data, written information, and other Documents and Data either created by or provided to Consultant in connection with the performance of the Agreement shall be held confidential by Consultant unless and until such documents become a matter of public record. Such materials shall not, without the prior written consent of City, be used by Consultant for any purposes other than the performance of the services under this Agreement. Nor shall such materials be disclosed to any person or entity not connected with the performance of the services under this Agreement. Nothing furnished to Consultant which is otherwise known to Consultant or is generally known, or has become known, to the related industry shall be deemed confidential. Consultant shall not use City's name or insignia, photographs relating to project for which Consultant's services are rendered, or any publicity pertaining to the Consultant's services under this Agreement in any magazine, trade paper, newspaper, television, or radio production or other similar medium without the prior written consent of City.

10. Consultant's Books and Records

    a. Consultant shall maintain any and all ledgers, books of account, invoices, vouchers, canceled checks, and other records or documents evidencing or relating to charges for services, expenditures, and disbursements charged to City for a

minimum period of three (3) years, or for any longer period required by law, from the date of final payment to Consultant to this Agreement.

b. Consultant shall maintain all documents and records which demonstrate performance under this Agreement for a minimum of three (3) years, or for any longer period required by law, from the date of termination or completion of the Agreement.

c. Any records or documents required to be maintained pursuant to this Agreement shall be made available for inspection or audit, at any time during regular business hours, upon written request by the City Manager, City Attorney, City Clerk, or a designated representative of these officers. Copies of such documents shall be provided to the City for inspection at 9955 Live Oak Blvd., Live Oak, California when it is practical to do so. Otherwise, unless an alternative is mutually agreed upon, the records shall be available at Consultant's address indicated for receipt of notices in this Agreement.

d. Where City has reason to believe that such records or documents may be lost or discarded due to dissolution, disbandment, or termination of Consultant's business, City may, by written request by any of the above named officers, require that custody of the records be given to the City and that documents be maintained by City Hall.

11. Independent Contractor. It is understood that Consultant, in the performance of the services agreed to be performed, shall act as and be an independent contractor and shall not act as an agent or employee of the City. Consultant shall obtain no rights to retirement benefits or other benefits which accrue to City's employees, and Consultant hereby expressly waives any claim it may have to any such rights.

12. Interest of Consultant. Consultant (including principals, associates, and professional employees) covenants and represents that it does not now have any investment or interest in real property and shall not acquire any interest, direct or indirect, in the area covered by this Agreement or any other source of income, interest in real property or investment which would be affected in any manner or degree by the performance of Consultant's services hereunder. Consultant further covenants and represents that in the performance of its duties hereunder no person having any such interest shall perform any services under this Agreement.

Consultant is not a designated employee within the meaning of the Political Reform Act because Consultant:

a. will conduct research and arrive at conclusions with respect to its rendition of information, advice, recommendation, or counsel independent of the control and direction of the City or any City official, other than normal agreement monitoring; and

b. possesses no authority with respect to any City decision beyond rendition of information, advice, recommendation, or counsel. (FPPC Reg. 18700(a)(2)).

13. Professional Ability of Consultant. City has relied upon the professional training and ability of Consultant to perform the services hereunder as a material inducement to enter into this Agreement. All services provided by Consultant under this Agreement, shall be by Diversified and shall be in accordance with applicable legal requirements and shall meet the standard of quality ordinarily to be expected of competent professionals in Consultant's field of expertise.

14. Compliance with Laws. Consultant shall use the standard of care in its profession to comply with all applicable federal, state, and local laws, codes, ordinances, and regulations.

15. Licenses. Consultant represents and warrants to City that it has all licenses, permits, qualifications, insurance, and approvals of whatsoever nature which are legally required of Consultant to practice its profession. Consultant represents and warrants to City that Consultant shall, at its sole cost and expense, keep in effect or obtain at all times during the term of this Agreement, any licenses, permits, insurance, and approvals which are required by the City for its business.

16. Indemnity. Consultant agrees to defend, indemnify, and hold harmless the City, its officers, officials, agents, employees, and volunteers from and against any and all claims, demands, actions, losses, damages, injuries, and liability, direct or indirect (including any and all costs and expenses in connection therein), arising from its performance of this Agreement or its failure to comply with any of its obligations contained in this Agreement, to the extent resulting from Consultant's negligence, recklessness or willful misconduct, except for any such claim arising from the sole negligence, active negligence, reckless or willful misconduct of the City, its officers, agents, employees, or volunteers.

17. Insurance Requirements. Consultant, at Consultant's own cost and expense, shall procure and maintain, for the duration of the Agreement, the insurance coverage and policies as set forth in Exhibit "B" attached hereto.

18. Notices. Any notice required to be given under this Agreement shall be in writing and either served personally or sent prepaid, first class mail. Any such notice shall be addressed to the other party at the address set forth below. Notice shall be deemed communicated within 48 hours from the time of mailing if mailed as provided in this section.

If to City:

City of Live Oak
9955 Live Oak Blvd
Live Oak, CA 95953
Attn: Aaron Palmer, Interim City Manager

Email: apalmer@liveoakcity.org
Phone: 530-695-2112

If to Consultant:

Diversified
5627 Stoneridge Drive
Pleasanton, CA 94588
Attn: Don Isbell

Email: disbell@diversifiedus.com
Phone: 925-398-7702

19. Entire Agreement. This Agreement constitutes the complete and exclusive statement of Agreement between the City and Consultant. All prior written and oral communications, including correspondence, drafts, memoranda, and representations are superseded in total by this Agreement.

20. Amendments. This Agreement may be modified or amended only by a written document executed by both Consultant and City and approved as to form by the City Attorney.

21. Assignments and Subcontracting. The parties recognize that a substantial inducement to City for entering into this Agreement is the professional reputation, experience, and competence of Consultant. Assignments of any or all rights, duties, or obligations of the Consultant under this Agreement will be permitted only with the express prior written consent of the City. Consultant shall not subcontract any portion of the services to be performed under this Agreement without the prior written authorization of the City. Consultant shall be fully responsible to City for all acts or omissions of any subcontractor

of Consultant. Nothing in this Agreement shall create any contractual relationship between City and subcontractor nor shall it create any obligation on the part of the City to pay or to see to the payment of any monies due to any such subcontractor other than as otherwise required by law.

22. Waiver. Waiver of a breach or default under this Agreement shall not constitute a continuing waiver of a subsequent breach of the same or any other provision under this Agreement.

23. Severability. If any term or portion of this Agreement is held to be invalid, illegal, or otherwise unenforceable by a court of competent jurisdiction, the remaining provisions of this Agreement shall continue in full force and effect.

24. Controlling Law Venue. This Agreement and all matters relating to it shall be governed by the laws of the State of California and any action brought relating to this Agreement shall be held exclusively in a state court in the County of Sutter.

25. Litigation Expenses and Attorney's Fees. If either party to this Agreement commences any legal action against the other part arising out of this Agreement, the prevailing party shall be entitled to recover its reasonable litigation expenses, including court costs, expert witness fees, discovery expenses, and reasonable attorney's fees.

26. Execution. This Agreement may be executed in several counterparts, each of which shall constitute one and the same instrument and shall become binding upon the parties when at least one copy hereof shall have been signed by both parties hereto. In approving this Agreement, it shall not be necessary to produce or account for more than one such counterpart.

27. Authority to Enter Agreement. Consultant has all requisite power and authority to conduct its business and to execute, deliver, and perform the Agreement. Each party warrants that the individuals who have signed this Agreement have the legal power, right, and authority, to make this Agreement and to bind each respective party.

28. Prohibited Interests. Consultant maintains and warrants that it has not employed nor retained any company or person, other than a bona fide employee working solely for Consultant, to solicit or secure this Agreement. Further, Consultant warrants that it has not paid nor has it agreed to pay any company or person, other than a bona fide employee working solely for Consultant, any fee, commission, percentage, brokerage fee, gift, or other consideration contingent upon or resulting from the award or making of this

Agreement. For breach or violation of this warranty, City shall have the right to rescind this Agreement without liability. For the term of this Agreement, no member, officer, or employee of City, during the term of his or her service with City, shall have any direct interest in this Agreement, or obtain any present or anticipated material benefit arising therefrom.

29. Equal Opportunity Employment. Consultant represents that Consultant is an equal opportunity employer and Consultant shall not discriminate against any subcontractor, employee, or applicant for employment because of race, religion, color, national origin, disability, ancestry, sex, or age. Such non-discrimination shall include, but not be limited to, all activities related to initial employment, upgrading, demotion, transfer, recruitment or recruitment advertising, layoff, or termination.

IN WITNESS WHEREOF, the parties have caused this Agreement to be executed on the date first written above.

CITY OF LIVE OAK

By:_
Aaron Palmer, City Manager

DIVERSIFIED

By: _____

Title: Account Executive

Tax ID No.: 42-1617340

Attachments: Exhibit A – Services Proposal (includes schedule of fees)
Exhibit B – Insurance Requirements

Exhibit "A"

Diversified Proposal Attached

Customer	*City of Live Oak, California*
Opportunity	*Council Chambers Updates*
Bill To Address	*9955 Live Oak Blvd*
Ship To Address	*9955 Live Oak Blvd*
Quote Number	*QUO-22282-C5T2N1*
Revision Number	*0*
Diversified Representative	*Don Isbell*

Project/Room Summary and/or Added AE notes:

Item	Manufacturer	Model	Description	Qty	List Price	% Discount Off	Unit Price	Extended Price	Notes
1			**Council Chambers**						
1.30	Shure Inc	ULXD2/SM58=-H50	Handheld Transmitter with SM58® Microphone	1.00	$593.00	26.74	$434.45	$434.45	
1.40	Atlas Sound	DS7E	Adjustable Height Desktop Mic Stand 8-13 Ebony Finish	1.00	$41.99	32.89	$28.18	$28.18	
							Items Subtotal	**$462.63**	
			Audio						
1.10	Shure Inc	MX410LP/S	10" Shock-Mounted Gooseneck, Supercardiod, less Preamplifier	10.00	$276.00	33.31	$184.06	$1,840.60	
1.20	Shure Inc	MX400DP	Small Desktop Base with input, switched preamplifier, programmable logic switch and LED. Supports standard and light ring microphones	10.00	$283.00	33.28	$188.81	$1,888.10	
1.50	Shure Inc	ULXD4D=-H50	Dual Digital Wireless Receiver with internal power supply, 1/2 Wave Antenna and Rack Mounting Hardware	1.00	$3,131.00	24.52	$2,363.13	$2,363.13	
1.60	Shure Inc	SBC10-100-US	SINGLE BATTERY CHARGER FOR SB900	1.00	$75.00	30.33	$52.25	$52.25	
1.70	Biamp	Tesira EX-AEC	Tesira 4 channel mic/line input expander with AEC and PoE+	3.00	$1,778.00	37.50	$1,111.25	$3,333.75	
1.80	Biamp	TesiraCONNECT TC-5	5-port expansion device	2.00	$1,200.00	37.50	$750.00	$1,500.00	
1.90	Biamp	TesiraFORTE AVB VT4	Fixed I/O DSP with 4 analog inputs, 4 analog outputs, 8 channels configurable USB audio, 128 x 128 channels of AVB, AEC technology (all 4 inputs), 2 channel VoIP	1.00	$2,798.00	37.50	$1,748.75	$1,748.75	
1.100	Biamp	AMP-450BP	4 channel PoE+ conferencing amplifier	1.00	$798.00	37.50	$498.75	$498.75	
1.110	Biamp	C-IC6 WHITE	In-Ceiling, 6.5", Coaxial Loudspeaker, White	8.00	$198.00	37.50	$123.75	$990.00	
							Items Subtotal	**$14,215.33**	
			Other						
1.210	Crestron	MPC3-302-W	3-Series® Media Presentation Controller 302, White	1.00	$1,090.00	39.02	$664.63	$664.63	
1.220	ATEN	CE820	USB HDMI HDBaseT2.0 KVM Extender	1.00	$1,001.00	23.35	$767.27	$767.27	
1.230	WattBox	WB-800-IPVM-12	800-series 12 Outlet Rack Mount IP Controllable	1.00	$749.95	41.47	$438.98	$438.98	
1.240	WATTBOX	WB-200-9HTR	Power Conditioner - 9 Outlets, 5400J, EMI/RFI Filtration, 3 Coax, 1 Ethernet, 1 Phone	1.00	$351.60	48.78	$180.09	$180.09	

1.250	Ubiquiti	US-16-150W	16-Port PoE+ Switch w/ SFP	1.00	$0.00	0.00	$328.05	$328.05	
							Items Subtotal	**$2,379.02**	
			Video						
1.120	Vaddio	999-6920-100	ZoomSHOT 20 QUSB System	1.00	$0.00	0.00	$0.00	$0.00	OFE
1.130	Vaddio	999-8240-000	AV BRIDGE MINI	1.00	$2,002.00	12.51	$1,751.54	$1,751.54	
1.140	SHARP	4T-B70CJ1U	70"4K 3840x2160 LCD with tuner,2 HDMI,RS232,USB, media player 16/7	2.00	$1,750.00	12.93	$1,523.75	$3,047.50	
1.150	Chief	LTM1U	Large height adjustable tilt wall mount	2.00	$345.00	40.76	$204.38	$408.76	
1.160	Sharp	LL-B240	24" 1920x1080 250cd/m2 with 3-yr warranty LCD Desktop Monitor	1.00	$220.00	11.93	$193.75	$193.75	
1.170	CRESTRON	HD-MD4X4-4KZ-E	4x4 4K60 4:4:4 HDR AV Switcher	1.00	$4,000.00	39.02	$2,439.02	$2,439.02	
1.180	Crestron	HD-TX-101-C-E	DM Lite – HDMI® over CATx Transmitter, Surface Mount	3.00	$330.00	39.02	$201.22	$603.66	
1.190	Crestron	HD-RX-101-C-E	DM Lite – HDMI® over CATx Receiver, Surface Mount	4.00	$330.00	39.02	$201.22	$804.88	
1.200	Crestron	HD-TX-101-C-1G-E-B-T	DM Lite – HDMI® over CATx Transmitter, Wall Plate, Black Textured	1.00	$380.00	39.02	$231.71	$231.71	
							Items Subtotal	**$9,480.82**	
			zz.Misc						
1.360	Diversified	MscMaterials	Miscellaneous Materials	1.00	$0.00	0.00	$2,285.71	$2,285.71	
							Items Subtotal	**$2,285.71**	
			Professional Services						
1.260	Diversified	Engineer	Design Engineering Services	1.00	$0.00	0.00	$0.00	$1,644.00	
1.270	Diversified	CAD Operator	Drafting Services	1.00	$0.00	0.00	$0.00	$720.00	
1.280	Diversified	Project Manager	Project Management Services	1.00	$0.00	0.00	$0.00	$3,720.00	
1.290	Diversified	Field Engineer	Field Engineering Services	1.00	$0.00	0.00	$0.00	$1,661.10	
1.300	Diversified	Programmer	Programming Services	1.00	$0.00	0.00	$0.00	$2,288.00	
1.320	Diversified	Installation Tech	On-site Installation Services	1.00	$0.00	0.00	$0.00	$4,752.00	
1.330	Diversified	Project Coordinator	Project Administration/Coordination	1.00	$0.00	0.00	$0.00	$558.00	
							Services Subtotal	**$15,343.10**	
			General & Administrative						
1.340	Diversified	Freight	Freight	1.00	$0.00	0.00	$667.75	$667.75	
							G&A Subtotal	**$667.75**	
			Travel & Expense						
1.350	Diversified	Expenses	Travel and Expenses	1.00	$0.00	0.00	$2,083.33	$2,083.33	
							Expense Subtotal	**$2,083.33**	
			Service Contracts						
1.370	Diversified	Support Contract	Commercial Assurance - 3 year Paid Upfront, details specified in Proposal	1.00	$0.00	0.00	$4,104.00	$4,104.00	
							Contract(s) Subtotal	**$4,104.00**	
							Room/Task Total	**$51,021.69**	

SUMMARY

Item	Room/Task Unit		Room/Task Description	Qty				Extended Price
1	$51,021.69		Council Chambers	1.00				$51,021.69
			Total Tax					$2,089.74
			Grand Total					**$53,111.43**

Exhibit "B"

Insurance Requirements

Consultant shall procure and maintain for the duration of this Agreement 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 by the Consultant, his agents, representatives, or employees. Consultant shall maintain limits no less than:

1. Commercial General Liability, Including: Premises and Operations Contractual Liability Personal Injury Liability Independent Contractors Bodily Injury, Property Damage	$2,000,000 per occurrence and $2,000,000 general aggregate
2. Automobile Liability: Owned, Non-Owned, and Hired Autos	$1,000,000 per accident for bodily injury and property damage
3. Workers' Compensation:	As required by the State of California
4. Employer's Liability:	$1,000,000 per accident for bodily injury or disease
5. Professional Liability:	$1,000,000 per claim and $2,000,000 annual aggregate

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

The commercial general liability and automobile liability policies are to contain, or be endorsed to contain, the following provisions:

1. The City, its officers, officials, employees and volunteers are to be covered as insured's as respects: liability arising out of work or operations performed by or on behalf of the Consultant; or automobiles owned, leased, hired or borrowed by the Consultant.

2. For any claims related to this project, the Consultant's insurance coverage shall be primary insurance as respects the City, its officers, officials, employees and volunteers. Any insurance or self-insurance maintained by the City, its officers, officials, employees or volunteers shall be excess of the Consultant'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) day's prior written notice has been provided to the City.

If General Liability and Professional Liability coverages are written on a claims-made form:

1. The retroactive date must be shown, and must be before the date of the contract or the beginning of contract work.
2. Insurance must be maintained and evidence of insurance must be provided for at least five (5) years after completion of the contract of work.
3. If coverage is canceled or non-renewed, and not replaced with another claims-made policy form with a retroactive date prior to the contract effective date, the Consultant must purchase an extended period coverage for a minimum of five (5) years after completion of contract work.
4. A copy of the claims reporting requirements must be submitted to the City for review.

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 City. Exception may be made for the State Compensation Insurance Fund when not specifically rated.

Verification of Coverage

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

Waiver of Subrogation

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

The Workers' Compensation policy shall be endorsed with a waiver of subrogation in favor of the City for all work performed by the consultant, its employees, agents and subcontractor.

Audio Visual Systems Proposal

Prepared for:

City of Live Oak

Council Chambers AV Refresh

9955 Live Oak Blvd
Live Oak, CA 95953

Presented By:

Tri Path Technology Group

3075 Cohasset Rd Suite 1
Chico, CA 95973 US
530 924 5063
www.tripath.us

License # 1016628

TRI-0607

January 20, 2021
Version 1

Scope of Work

Presented To:

City of Live Oak

Council Chambers AV Refresh

9955 Live Oak Blvd
Live Oak, CA 95953

Project# TRI-0607

Presented By:

Tri Path Technology Group

3075 Cohasset Rd Suite 1
Chico, CA 95973 US
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License # 1016628

January 20, 2021

Introduction:

The following depicts the features and functions of the enclosed proposal for upgrade of the conferencing system in the City of Live Oak City Council Chambers.

The proposed system represents a full modernization upgrade to essentially all existing components, significantly upgrading the audio and visual quality of the space, leading to a much higher quality, more reliable communication experience for both persons attending meetings in person in the Chambers, as well as those viewing on the live stream. Additionally, the general aesthetics of the space will be significantly improved by moving the main equipment rack into the IT closet upstairs.

The audio system will be upgraded with a new Digital Signal Processor (DSP) at the heart of the system. This DSP will provide significantly more audio processing capabilities over the existing rudimentary system. The DSP will allow precise, nuanced control over the various audio feeds going to the Chambers, to the stream, etc., that way each output destination gets a high-quality audio feed, customized for its need. The DSP also allows much better automatic mixing of microphones as well as better equalization capabilities, leading to much more consistent audio output and better speech clarity.

The ceiling speakers will be replaced and will have (2) discreet audio zones: The “Dias Zone” will be comprised of (4) speakers above the Dias Area, and the “Audience Zone” will be (4) speakers placed over the audience area. This zoning of the speakers allows the dais microphones to be amplified more in the Audience Zone, and any audience comment microphones, such as the podium or wireless microphones, to be amplified more in the Dias Zone. This leads to the dais members to be able to hear audience comments much more clearly, as well as the audience to more clearly hear the dais members, all without causing any feedback issues.

All microphones will be replaced with new 10” goosenecks of higher quality that the existing units. Each gooseneck microphone will have a mute button and an indicator light showing its current mute status.

Also included are (2) new 70” video displays to be placed on the South wall in the space in between each of the windows. The inclusion of two displays allows the dais members to be able to better focus on the display closest to them, with another display in the audience area, allowing comfortable viewing from that area as

well.

For the explicit purpose of accommodating the current social distancing need for council members to be able to attend meetings remotely through Zoom, a 27" desktop monitor has been included for the mayor's position at the dais. It was observed in the Needs Analysis stage of this project that the mayor had been forced to move to a very awkward position using a temporary table, temporarily moved microphones, etc. to be able to sit in front of the existing display and run meetings. The addition of this 27" monitor at the mayor's dais position will allow the mayor to sit comfortable at their standard desk position to run meetings as opposed to having to move to an uncomfortable temporary position. When the monitor at the mayor's position is no longer needed, it may easily be removed and set aside as it will be set on the desktop and not permanently installed.

A dedicated Owner Furnished Equipment (OFE) PC computer, like the existing unit, will be utilized to handle all Zoom and media playback needs. This PC will be fully controllable from the dais utilizing a wireless mouse/keyboard.

An auxiliary "Guest" HDMI input will be installed at the Clerk's Desk position to allow connection of guest HDMI devices. The Guest HDMI input will be able to send video and audio into the system but will not be able to initiate videoconferences. Because Guest presentation content needs to be able to also be sent to the Zoom call for any remote Council Member attendees to be able to see the guest presentation content, a special "media bridge" to the OFE PC is included that will allow the Clerk to select which feed is currently being sent to the Zoom call – the Chambers camera, or the video feed from the Guest HDMI device.

Each of the (3) video displays (the [2] 70" dais/audience displays and the 27" mayor's display) as well as the video feed to the Granicus will be mirrored and always show the same content, whether that be the OFE PC or a Guest HDMI device.

The final result of this video system will be that either the OFE PC or the Guest PC may be shown in the displays, with whichever input that is currently selected being displayed on all (3) displays as well as the Granicus streaming/archive unit.

The existing camera at the back of the room will be re-adjusted and re-used.

A slam control panel (Extron MLC-100) will be installed on the Clerk's desk in the same enclosure as the Guest HDMI input. This control panel will control power for the displays, source selection, as well as basic volume and mute control for the audio system.

New AV cabling, AV network switching, and power management are included as necessary to produce a modernized, reliable AV system upgrade.

I. MDF (Network Closet, Second Floor, Existing Equipment Rack)

The following section describes equipment and systems that will be installed in the Main Distribution Frame (MDF) of the system. The MDF is typically where the bulk of the equipment will be installed. The MDF will be located in the existing equipment rack in the second floor Network Closet.

A. Processing & Switching

1. Digital Signal Processing (DSP)

a. The DSP will provide audio input connectivity
    i. Ten (10) wired microphones
    ii. One (1) wireless microphone
    iii. OFE (Owner Furnished) computer for video conferencing
    iv. Video switching system
b. The DSP will provide audio output connectivity
    i. Eight (8) hardwired loudspeakers
    ii. Granicus management device
    iii. OFE (Owner Furnished) computer for video conferencing
c. The DSP will route audio signals appropriately between the above devices
d. The DSP will include echo cancellation software to prevent microphone feedback and echo effects between microphones and speakers
e. The DSP will be setup and custom programmed to provide proper microphone input signals and loudspeaker output signals to provide an even and constant sound field in the space
f. The primary DSP hardware device will be installed in the MDF located in the Network Closet on the Second Floor
g. Secondary DSP hardware will be installed at the IDF rack under the Clerk's Desk and under the Dias (for Dias microphone connectivity)

2. Video Switching
    a. The system will include a 4x4 (four input and four output) video switcher to provide connectivity between the source devices and displays
    b. Four (4) Source Inputs:
        i. OFE (Owner Furnished) computer, connected via HDMI cable
        ii. BYOD (Bring Your Own Device) auxiliary jack located on the Clerk's Desk, connected via HDBaseT wiring (Category 6 and HDMI cables)
        iii. Not used (future use)
        iv. Not used (future use)
    c. Four (4) Display Outputs:
        i. OFE computer via HDMi to USB bridging device (allow for content sharing with far end meeting participants
        ii. Tabletop display on Dias at Mayor's seat, connected via HDBaseT wiring (Category 6 and HDMI cables)
        iii. Left Display on the Chambers' side wall, connected via HDBaseT wiring (Category 6 and HDMI cables)
        iv. Right Display on the Chambers' side wall, connected via HDBaseT wiring (Category 6 and HDMI cables)
    d. Source selection at each display will be controlled using the Control Panel located at the

Clerk's Desk.

i. All displays will show the same source

ii. Audio from the selected video source of any display is available as an input on the DSP system

B. Control & Networking

1. Tri Path will provide a managed network switch to connect the entire AV system together
   a. The managed switch will have enough ports to support all items in the system
   b. The managed switch will have a reasonable number of open ports to allow for system expansion
   c. The managed switch does not require any connection to the Building's Network Infrastructure and is intended as a "closed" network for AV devices only
2. Tri Path will provide a second, smaller AVB enabled network switch at the MDF to connect DSP components only
   a. The AVB switch contain particular protocols to handle audio and video traffic within other network traffic
   b. The AVB switch will connect to the managed switch via a standard Ethernet cable
   c. The AVB switch does not require any connection to the Building's Network Infrastructure and is intended as a "closed" network for AV devices only
3. The City of Live Oak will provide a computer to use as the connection point for video conference calls (OFE computer)
   a. There is an OFE computer currently installed behind the wall mounted display on the side wall of the council chambers that will be relocated to the MDF
   b. Tri Path will provide and install a KVM (Keyboard-Video-Mouse) extender to allow for control of the OFE computer from the Clerk's Desk
   c. The existing camera on the back wall of the Chambers will be connected to the OFE computer via a USB cable to provide video to the far end of video conference sessions
   d. The OFE computer will be connected to the video switching system so that it may be viewed on any display in the room
   e. The OFE computer will be connected to the DSP system via USB cable to provide and collect audio from the far end of video conference sessions

C. Racks & Power

1. Tri Path will require 10-12 rack units in the existing Equipment Rack located in the second floor Network Closet
   a. These rack units will contain the Audio and video components listed above
   b. These rack units will contain the Control & networking equipment listed above
   c. Tri Path will provide all appropriate hardware to properly install all audio-visual equipment

intended for installation in the MDF

2. A new 12-outlet surge protector and power distribution unit will be provided and installed in the MDF to provide power to all AV devices installed in the MDF
    a. The surge protection unit will require one (1) 15-amp receptacle (NEMA 5-15R) to provide power to the AV system
    b. The surge protector is a rack mounted unit and will be used for Tri Path installed AV system devices only
3. If the proper amount of rack space is not available for installation of the AV equipment in this location, then Tri Path will provide an appropriately sized rack in the same room or another to be determined room in the building.

II. IDF (Under Clerk's Desk, Existing Equipment Rack)

The following section describes equipment and systems that will be installed in the Intermediate Distribution Frame (IDF) of the system. An IDF is a secondary location for equipment will be installed. The IDF will be located in the existing equipment rack installed under the Clerk's Desk.

A. Processing and Switching

1. A remote DSP expander unit will be installed in the IDF to connect the Clerk's Desk hardwired microphones and the Podium wireless microphone to the Audio System
    a. The remote DSP expander will be wired to the Audio System using a Category 6 network cable
2. The wireless microphone receiver for the Podium microphone will be installed in the IDF rack
    a. The wireless microphone receiver will be wired to the remote DSP expander using balanced audio cables

B. Control & Networking

1. Tri Path will install a second AVB network switch in this location to serve as a connection point to the remote DSP expanders at the Clerk's Desk and the Council Dias
    a. The secondary AVB network switch will be connected through to the AVB switch in the IDF using Category 6 network wiring
2. A small cable bundle will be installed between the IDF and MDF to provide connectivity of all AV devices at the IDF and Council Dias
    a. The wiring will follow previously established pathways from point to point
        i. A conduit under the Clerk's Desk to the wall behind the Dias will be used
        ii. Then the wiring will transition into the wall and follow other wires to the Network Closet on the Second Floor

C. Racks & Power

1. The existing vertically mounted equipment rack installed under the Clerk's Desk will be used to house the new AV equipment in the IDF
    a. Tri Path will provide all appropriate hardware to properly install all audio-visual equipment intended for installation in the IDF
2. A new 8-outlet surge protector and power distribution unit will be provided and installed in the IDF to provide power to all AV devices installed in the IDF
    a. The surge protection unit will require one (1) 15-amp receptacle (NEMA 5-15R) to provide power to the AV system
    b. The surge protector is a rack mounted unit and will be used for Tri Path installed AV system devices only
3. Tri Path will remove the existing equipment rack and old, un-needed equipment located in the corner of the room.
    a. All parts and hardware will be left on premises unless otherwise requested
    b. The removal of the existing rack may require repair work to the wall
        i. Any damage relating to the rack removal will be repaired by qualified professionals hired and managed by the City of Live Oak

III. Council Dias

A. Microphones

1. Seven (7) hardwired gooseneck microphones will be installed on the Dias to allow for Council Member participation in meeting and video conference sessions
    a. The gooseneck microphones will have super cardioid capsules to ensure maximum vocal quality from each unit
    b. The tabletop microphone base will have an integrated mute button to enable or disable the microphone in the audio system
    c. The gooseneck will have a two color (green and white) light at the base to alert the user of the microphone's status (typically green is live and red is mute)
    d. The microphone wires will be routed through the Dias and directly wired to the remote DSP expanders mounted under the Dias countertop

B. Loudspeakers

1. Three (3) new In-ceiling speakers will be installed above the Dias to provide audio from the Podium microphone, Clerk's Desk microphones and other audio sources
    a. Speakers will be flush mounted in the ceiling tiles

b. Speakers will be white with fine perforated metal grills

c. Speakers will be setup in a mix-minus configuration to alleviate feedback and echo

2. The amplifier for the speakers will be located above the ceiling tiles

a. The amplifier will power all speakers in the Council Chambers

b. The amplifier will be mounted “back-pack” style to a convenient speaker

c. The amplifier will receive a single Category 6 cable to provide audio signal and power

d. The amplifier will provide up to 50 Watts of power to each speaker

3. The amplifier, and subsequently the loudspeakers, will be connected to the new DSP system via AVB Network cabling at the MDF located in the Network Closet on the Second Floor

C. Video Displays

1. Tri Path will provide and install a new 27-inch monitor at the Mayor’s seating location to provide a more personable video conferencing experience

a. The monitor will sit on the Dias countertop

b. The monitor will be wired to the video system in the MDF using HDBaseT and HDMI wiring

c. Power for the monitor will be controlled using the integrated power button on the unit

d. The monitor is intended to be a temporary part of the AV system and may be removed from the system in the future

D. Processing & Switching

1. Two (2) remote DSP expander units will be installed under the Council Dias to connect the Dias hardwired microphones the Audio System

2. The remote DSP expanders will be wired to the Audio System using a Category 6 network cables

IV. Clerk’s Desk

A. Microphones

1. Three (3) hardwired gooseneck microphones will be installed on the Clerk’s Desk to allow for Support Staff participation in meeting and video conference sessions

a. The gooseneck microphones will have super cardioid capsules to ensure maximum vocal quality from each unit

b. The tabletop microphone base will have an integrated mute button to enable or disable the microphone in the audio system

c. The gooseneck will have a two color (green and white) light at the base to alert the user of the microphone’s status (typically green is live and red is mute)

d. The microphone wires will be routed through the Desk and directly wired to the remote DSP expander in the IDF

B. Loudspeakers

1. One (1) new In-ceiling speakers will be installed above the Clerk's Desk to provide audio from the Podium microphone, Dias microphones and other audio sources
   a. Speakers will be flush mounted in the ceiling tiles
   b. Speakers will be white with fine perforated metal grills
   c. Speakers will be setup in a mix-minus configuration to alleviate feedback and echo
2. The amplifier for the speakers will be located above the ceiling tiles
   a. The amplifier will power all speakers in the Council Chambers
   b. The amplifier will be mounted "back-pack" style to a convenient speaker
   c. The amplifier will receive a single Category 6 cable to provide audio signal and power
   d. The amplifier will provide up to 50 Watts of power to each speaker
3. The amplifier, and subsequently the loudspeakers, will be connected to the new DSP system via AVB Network cabling at the MDF located in the Network Closet on the Second Floor

C. BYOD (Bring Your Own Device)

1. An auxiliary HDMI input jack will be installed on the Clerk's Desk to allow for input of alternate AV material from meeting participants
   a. The HDMI input jack will be wired to the video switching system in the MDF using HDBaseT and HDMI cabling
   b. The HDMI input jack will be available for viewing on any video display in the system
   c. Content from the HDMI jack will also be available to the OFE computer for viewing by far end video conference participants
   d. The HDMI jack will be installed in a desktop enclosure on the Clerk's Desk with the control panel

D. Processing & Switching

1. The connections for the KVM (keyboard-video-mouse) extender attached to the OFE PC will be available at the Clerk's Desk
   a. Any keyboard, monitor and mouse items will be provided by the City of Live Oak
   b. Keyboard / mouse connections will be USB
   c. The Monitor connection will be HDMI

E. Control & Networking

1. Tri Path will provide and install a control panel on the Clerk's Desk to allow for control over basic AV functionality in the Council Chambers
    a. The control panel will be installed in a surface mount enclosure on top of the desk, the enclosure will be clamped to the desk, so it is stationary
    b. The control panel will control power to the two (2) displays on the side wall
        i. Power for the monitor on the Dias will be controlled using the power button on the monitor
    c. The control panel will have buttons for source selection to all video displays in the system
        i. One button for each source will send that source to all displays simultaneously
    d. The control panel will have a volume knob that will control the overall sound level in the room
    e. The control panel will have a mute button to cut off all microphones in the Chambers

V. Attendee Area

A. Microphones:

1. One (1) new wireless microphone will be installed on podium used for Attendee participation
    a. The wireless hand-held vocal microphone will have a cardioid capsule
    b. The wireless mic will include a rechargeable battery and single unit charging stand
    c. The wireless microphone will be mounted on table-top gooseneck microphone stand
2. Microphone receiver will be located under the Clerk's Desk and hardwired to the new DSP system

B. Loudspeakers:

1. Four (4) new In-ceiling speakers above the attendee area to provide audio from Dias and Clerk microphones as well as other audio sources
    a. Speakers will be flush mounted in the ceiling tiles
    b. Speakers will be white with fine perforated metal grills
2. The Amplifier for the speakers will be located above the ceiling tiles
    a. Amplifier will be mounted "back-pack" style to a convenient speaker
    b. Amplifier will receive a single Category 6 cable to provide audio signal and power
    c. The amplifier will provide up to 50 Watts of power to each speaker
3. The amplifier, and subsequently the loudspeakers, will be connected to the new DSP system via AVB Network cabling at the MDF located in the Network Closet on the Second Floor

C. Video Displays:

1. Two (2) new video displays will be installed on the side wall of the Council Chambers between the three windows
    a. The new Left Display will replace the existing TV on the wall
    b. The new Right Display will be a completely new location
    c. Both displays will be mounted using new articulating arm brackets to allow for “one-man” service and multiple viewing angles
    d. Each display will receive new wiring: two (2) Category 6 and one (1) Category 6 Shielded from the MDF located in the Network Closet on the Second Floor
    e. The new cables will be terminated on 3-port wall jacks
    f. The Left Display will receive power from the existing recessed power outlet
    g. The Right Display will require a new Tri Path provided recessed power outlet
        i. The new power outlet will require electrical wiring to be installed by a qualified Electrician
    h. Both recessed outlet boxes have space for the new low voltage cables to be terminated
2. The video displays will receive signals from the Extron video switching system (see the Video Switching details in the MDF section of this document)

D. PTZ Camera:

1. The existing and currently installed PTZ camera and wring will be used in the new system
    a. The camera will be hardwired to the OFE (owner furnished) computer located in the Network Closet on the Second Floor
    b. The camera will be used to show an overall view of the room from the back wall during Council Meetings

VI. Inclusions and Exclusions

A. Inclusions

1. All equipment, materials, wire, cable, and hardware required to execute the Audio-Visual System as described in this Scop of Work
2. All installation, project management, programming and administrative labor required to install and execute the Audio-Visual System as described in this Scope of Work
3. Documentation
    a. Floor plan drawings showing device locations in the room(s) described above
    b. Detail drawings for items requiring further graphical definition

c. Schematic drawings showing connectivity between components in the system

d. Other drawings or diagrams as deemed necessary to execute the system as described

e. Closeout package to include manuals, drawings and crucial communications between the City of Live Oak and Tri Path as it pertains to this project

B. Damage

1. While Tri Path will make every effort to perform the necessary work to execute the AV system without damage to the building or finishes within, there will be times when it may be unavoidable or accidental.

   a. If damage will be unavoidable for proper aesthetic execution of the project, it will be described and reviewed by the responsible parties associated with the building

   b. If damage is made accidentally it will immediately be brought to the attention of the responsible parties associated with the building and proper steps will be taken to repair the damages

2. As it pertains to this project, Tri Path expects minor repair work will be required at the existing rack location in the Council Chambers once the rack is removed

C. Exclusions

1. Tri Path is a C7 Low Voltage Contractor in the State of California and is authorized to only do work associated with that license

2. Tri Path will not be responsible for providing or performing the following trade items:

   a. Electrical materials and supplies unless explicitly detailed in this Scope of Work

   b. Electrical labor of any kind as it pertains to receptacles, lighting, or panel work

   c. Conduit work either in the building or underground unless it is explicitly described in this Scope of Work

   d. Carpentry materials or labor

   e. Drywall materials or labor

   f. Masonry materials or labor

   g. Flooring materials or labor of any kind

   h. Painting or other finish materials or work of any kind

Pricing Summary

Presented To:

City of Live Oak

Council Chambers AV Refresh
9955 Live Oak Blvd
Live Oak, CA 95953

Project# TRI-0607

Presented By:

Tri Path Technology Group
3075 Cohasset Rd Suite 1
Chico, CA 95973 US
530 924 5063
www.tripath.us

License # 1016628

The following chart represents the estimated fees associated with the defined Scope of Work.

Systems	Equipment	Labor	Totals
Microphones	$5,130.81	$2,661.75	$7,792.56
Loudspeakers	$2,014.47	$2,707.19	$4,721.66
Video Displays	$6,433.05	$3,920.88	$10,353.93
PTZ Camera (Existing)	$0.00	$0.00	$0.00
BYOD Jacks	$796.75	$633.65	$1,430.40
Processing & Switching	$18,155.09	$5,811.55	$23,966.64
Control & Networking	$3,661.89	$2,253.04	$5,914.93
Racks & Power	$2,555.94	$1,572.50	$4,128.44
		Sales Tax	$2,760.00
		Total Investment	**$61,068.56**

Please sign below to acknowledge acceptance of the Scope of Work and Pricing Summary

Authorized Signature_____

Please Print Name_____ Date_____

Project Number:
TRI-0607

City of Live Oak
Council Chambers AV Refresh

9955 Live Oak Blvd, Live Oak, CA 95953

Primary Contact: City of Live Oak

citymgr@liveoakcity.org

Table of Contents:

T-001	Cover
T-002	Legend & Definitions
T-101	Plan View
T-811	Audio System Schematic
T-821	Video System Schematic
T-851	Network System Schematic
T-861	Power Distribution Schematic

Revision History:

0.01	21-0120	System Design Phase

TRI///PATH
TECHNOLOGY GROUP

3075 COHASSET ROAD /// CHICO, CALIFORNIA 95973
530-924-5063 /// WWW.TRIPATH.US /// LICENSE# 101628

Client Liason: Cory Keith

Systems Designer: Jeff Letlow

Project Manager:

TITLE PAGE

TRI///PATH TECHNOLOGY GROUP
3075 COHASSET ROAD /// CHICO, CA 95973
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LICENSE# 101628

City of Live Oak
Council Chambers AV Refresh
9955 Live Oak Blvd, Live Oak, CA 95953

DRAWN BY:
DESIGNED BY:
PROJECT #: TRI-0607
PRINT DATE: 1/20/2021
REVISION #: 0.1
PAGE SCALE: N.T.S.
SHEET #: T-001

SHEET NUMBERING KEY:

TRI PATH TECHNOLOGY GROUP USES THE UNITED STATES NATIONAL CAD STANDARD DRAWING SET ORGANIZATION "LEVEL 1" STANDARD AS A GUIDELINE FOR INDIVIDUAL SHEET NUMBERING IN A DRAWING PACKAGE.

DEFINITION: **A-NNN**

- ALPHABETICAL DISCIPLINE DESIGNATOR
- "LEVEL 1" STANDARD HYPHEN
- SINGLE NUMERIC DIGIT SHEET TYPE DESIGNATOR
- DOUBLE NUMERIC DIGIT SHEET SEQUNCE NUMBER

SAMPLE: **T-101**

- TELECOMMUNICATIONS (COVERS MOST WORK PERFORMED BY TRI PATH)
- "PLAN" SHEET TYPE
- FIRST SHEET IN PLAN SET, (TYPICALLY FIRST FLOOR OF A BUILDING IS "01")

SHEET TYPES BY NUMBER:

0 GENERAL INFORMATION
1 PLANS
2 ELEVATIONS
3 SECTIONS
4 LARGE VIEW (FROM 1-3)
5 DETAILS
6 SCHEDULES
7* SINGLE LINE FUNCTIONAL
8* SCHEMATIC DETAILS

* 7 & 8 ARE USER DEFINED TYPES PER UNITED STATES NATIONAL CAD STANDARD.

SHEET REVISION KEY:

- A SHEET'S REVISION NUMBER AND ASSOCIATED DATE TRACK THE LATEST VERSION OF THE DRAWING PACKAGE.
- THE "LIVE" VERSION OF THE DRAWING WILL HAVE THE MOST RECENT DATE AND REVISION NUMBER.
- REVISION NUMBERS TRACK THE PROJECT'S PROGRESS ALONG WITH CERTAIN CHANGES DURING THE LIFE OF THE PROJECT.
- IN SOME CASES, CHANGES TO SHEETS WILL BE NOTATED WITH BUBBLES AND DELTA SYMBOLD FOR EASIER TRACKING.
- A REVISION HISTORY FOR THE DRAWING PACKAGE WILL BE NOTED ON THE COVER PAGE.

DEFINITION: **1.02**

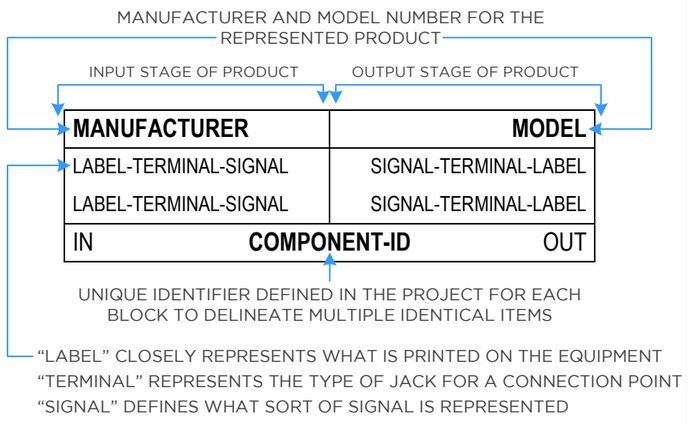
- PROJECT PHASE DESIGNATOR
- REVISION NUMBER (>0)

PHASE DEFINITIONS BY #:

0 SALES, PRLIMINARY DESIGN
1 ROUGH-IN, POST SALES
2 TRIM
3 FINISH
4 INITIAL CLOSEOUT
5 CONTINUING CARE

SCHEMATIC BLOCK DEFINITION:

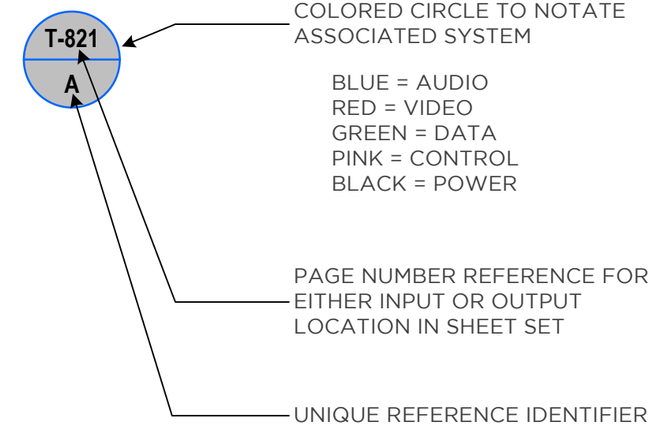
SCHEMATIC BLOCKS ARE SHAPES USED TO REPRESENT PRODUCTS IN A PROJECT IN ORDER TO DEFINE THE CONNECTIONS THAT EXIST BETWEEN THEM. THE LABELS ON THE BLOCKS REPRESCONNECTION POINTS FOUND ON THE CORRESPONDING PRODUCT.



SCHEMATIC WIRE COLOR CODE LEGEND

- POWER, HIGH VOLTAGE
- POWER, LOW VOLTAGE
- AUDIO, LINE LEVEL
- AUDIO, BALANCED LINE
- AUDIO, SPEAKER LEVEL
- AUDIO, DIGITAL
- VIDEO, ANALOG
- VIDEO, DIGITAL
- CONTROL, IR, RS232, ETC.
- DATA, LAN, USB, ETC.
- DATA, UTP, HDbaseT, ETC.
- DATA, FIBER OPTIC
- COAXIAL LINE, CATV, SAT, ETC.

SCHEMATIC PAGE REFERENCE CIRCLE DEFINITION:



LEGEND & DEFINITIONS

TRI PATH TECHNOLOGY GROUP
3075 COHASSET ROAD /// CHICO, CA 95973
530-924-5063 /// WWW.TRIPATH.US
LICENSE# 101628

City of Live Oak
Council Chambers AV Refresh
9955 Live Oak Blvd, Live Oak, CA 95953

DRAWN BY:	
DESIGNED BY:	
PROJECT #:	TRI-0607
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PAGE SCALE:	N.T.S.
SHEET #:	T-002

MDF-PATCH
Wirepath/PATCH-24-BLANK

HDMI-USB
Vaddio/AV Bridge Mini

DSP-MAIN-MDF
Biamp/TESIRAFORTE AVB VT4

MDF-AVB-SWITCH
Biamp/TesiraCONNECT TC-5

VID-SWITCH
Extron/DXP 44 HD 4K PLUS

CONF-COMP
Generic/Computer

MDF-LAN-SWITCH
Ubiquiti/US-16-150W

LOCATED IN EXISTING IT RACK (MDF)
(ONE FLOOR UP)

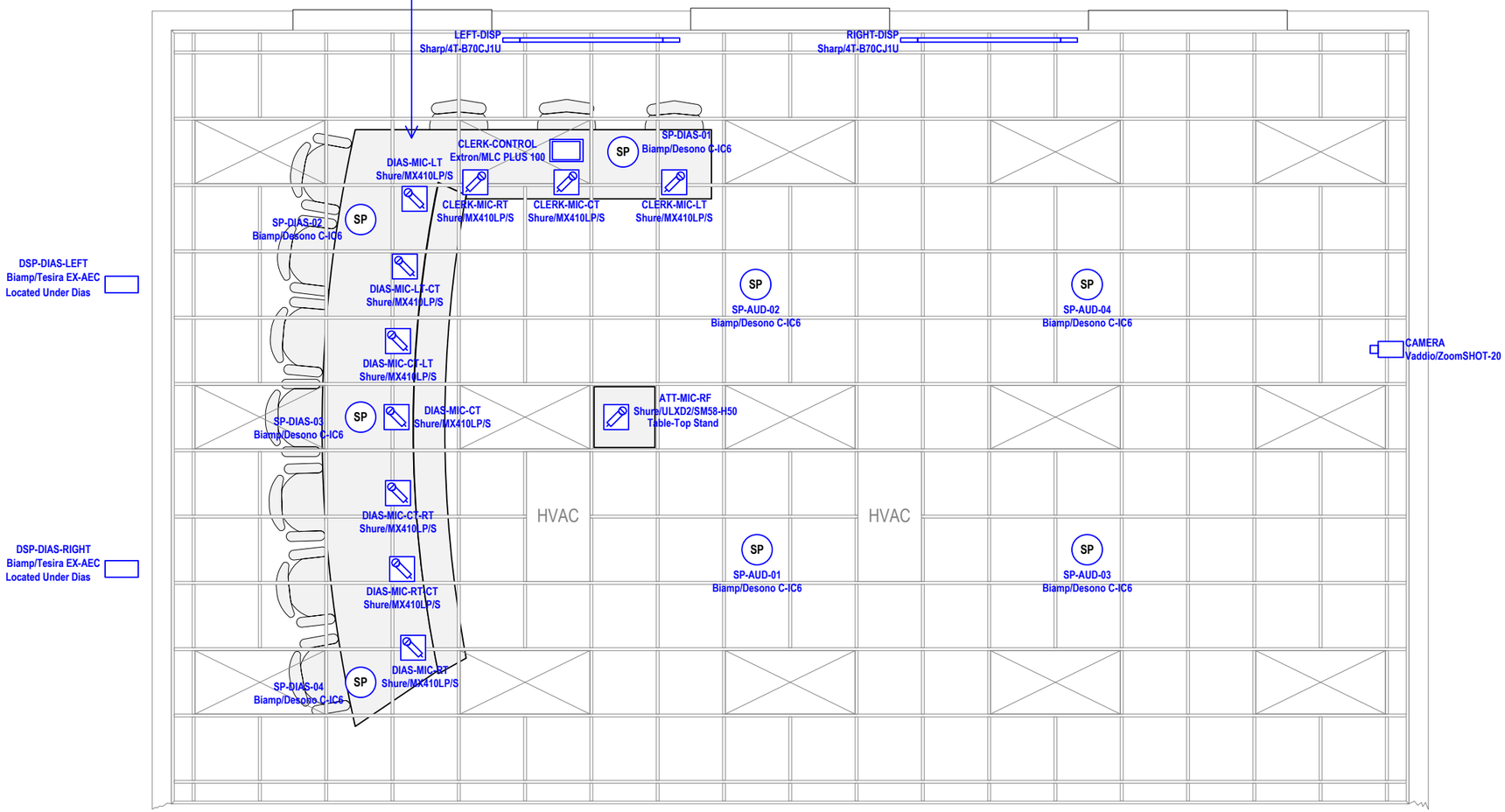
EQP-ACC-001
ATen/CE820

CHAMB-AVB-SWITCH
Biamp/TesiraCONNECT TC-5

DSP-CLERK-IDF
Biamp/Tesira EX-AEC

ATT-MIC-RX
Shure/ULXD4D-H50

LOCATED UNDER DESK IN EXISTING RACK (IDF)



PLAN VIEW

TRI///PATH
TECHNOLOGY GROUP
3075 COHASSET ROAD /// CHICO, CA 95973
530-924-5063 /// WWW.TRIPATH.US
LICENSE# 1016628

City of Live Oak
Council Chambers AV Refresh

9955 Live Oak Blvd, Live Oak, CA 95953

DRAWN BY:	DESIGNED BY:	PROJECT #: TRI-0607
PRINT DATE: 1/20/2021		REVISION #: 0.1
PAGE SCALE: 1/4" = 1'-0"		SHEET #: T-101

Generic	Computer
	HDMI - D-AV - HDMI
	D-PORT - D-AV - DISP PRT 2
	D-PORT - D-AV - DISP PRT 1
	USB-A - DATA - USB
USB - DATA - USB-C	USB-A - DATA - USB
USB - DATA - USB-A	USB-A - DATA - USB
USB - DATA - USB-A	USB-A - DATA - USB
LAN - DATA - RJ45	1/8 TRRS - L-AUD - HEADSET
POWER - 18VDC - 1/8	1/8 TRS - L-AUD - LR OUT
IN **CONF-COMP**	OUT

B-USB2-AB-2M

Extron	DXP 44 HD 4K PLUS
HDMI 4 - D-AV - HDMI	HDMI - D-AV - HDMI 4
HDMI 3 - D-AV - HDMI	HDMI - D-AV - HDMI 3
HDMI 2 - D-AV - HDMI	HDMI - D-AV - HDMI 2
HDMI 1 - D-AV - HDMI	HDMI - D-AV - HDMI 1
- - - - -	RCA - D-AUD - SPDIF 2
- - - - -	RCA - D-AUD - SPDIF 1
- - - - -	PNX-5 - B-AUD - OUT 2 RT
RS232 - CONTROL - DB9	PNX-5 - B-AUD - OUT 2 LT
LAN - DATA - RJ45	PNX-5 - B-AUD - OUT 1 RT
POWER - 120VAC - IEC	PNX-5 - B-AUD - OUT 1 LT
IN **VID-SWITCH**	OUT

Biamp	TesiraCONNECT TC-5
LAN - DATA - RJ45	RJ45 - DATA - LAN/AVB 5
- - - - -	RJ45 - DATA - LAN/AVB 4
- - - - -	RJ45 - DATA - LAN/AVB 3
POWER - 12VDC - 1/8	RJ45 - DATA - LAN/AVB 2
IN **MDF-AVB-SWITCH**	OUT

CBL-C6-UB-BL-6
CAT6-BLK
CAT6-BLK

Shure	ULXD4D-H50
ANT B - RF - F	XLR-M - B-AUD - OUT 2
ANT A - RF - F	XLR-M - B-AUD - OUT 1
DANTE-SEC - DATA - RJ45	- - - - -
DANTE-PRI - DATA - RJ45	- - - - -
POWER - 12VDC - 1/8	- - - - -
IN **ATT-MIC-RX**	OUT

Shure	MX410LP/S
IN **CLERK-MIC-RT**	OUT
Shure	**MX400DP**
SWITCH - CONTROL - WIRE	
LED - CONTROL - WIRE	XLR-M - B-AUD - MIC
IN **CLERK-BASE-RT**	OUT

Shure	MX410LP/S
IN **CLERK-MIC-CT**	OUT
Shure	**MX400DP**
SWITCH - CONTROL - WIRE	
LED - CONTROL - WIRE	XLR-M - B-AUD - MIC
IN **CLERK-BASE-CT**	OUT

Shure	MX410LP/S
IN **CLERK-MIC-LT**	OUT
Shure	**MX400DP**
SWITCH - CONTROL - WIRE	
LED - CONTROL - WIRE	XLR-M - B-AUD - MIC
IN **CLERK-BASE-LT**	OUT

Shure	MX410LP/S
IN **DIAS-MIC-RT**	OUT
Shure	**MX400DP**
SWITCH - CONTROL - WIRE	
LED - CONTROL - WIRE	XLR-M - B-AUD - MIC
IN **DIAS-BASE-RT**	OUT

Shure	MX410LP/S
IN **DIAS-MIC-RT-CT**	OUT
Shure	**MX400DP**
SWITCH - CONTROL - WIRE	
LED - CONTROL - WIRE	XLR-M - B-AUD - MIC
IN **DIAS-BASE-RT-CT**	OUT

Shure	MX410LP/S
IN **DIAS-MIC-CT-RT**	OUT
Shure	**MX400DP**
SWITCH - CONTROL - WIRE	
LED - CONTROL - WIRE	XLR-M - B-AUD - MIC
IN **DIAS-BASE-CT-RT**	OUT

Shure	MX410LP/S
IN **DIAS-MIC-CT**	OUT
Shure	**MX400DP**
SWITCH - CONTROL - WIRE	
LED - CONTROL - WIRE	XLR-M - B-AUD - MIC
IN **DIAS-BASE-CT**	OUT

Shure	MX410LP/S
IN **DIAS-MIC-CT-LT**	OUT
Shure	**MX400DP**
SWITCH - CONTROL - WIRE	
LED - CONTROL - WIRE	XLR-M - B-AUD - MIC
IN **DIAS-BASE-CT-LT**	OUT

Shure	MX410LP/S
IN **DIAS-MIC-LT-CT**	OUT
Shure	**MX400DP**
SWITCH - CONTROL - WIRE	
LED - CONTROL - WIRE	XLR-M - B-AUD - MIC
IN **DIAS-BASE-LT-CT**	OUT

Shure	MX410LP/S
IN **DIAS-MIC-LT**	OUT
Shure	**MX400DP**
SWITCH - CONTROL - WIRE	
LED - CONTROL - WIRE	XLR-M - B-AUD - MIC
IN **DIAS-BASE-LT**	OUT

Biamp	TESIRAFORTE AVB VT4
USB - DATA - USB-B	PNX-3 - B-AUD - OUTPUT 4
INPUT 4 - B-AUD - PNX-3	PNX-3 - B-AUD - OUTPUT 3
INPUT 3 - B-AUD - PNX-3	PNX-3 - B-AUD - OUTPUT 2
INPUT 2 - B-AUD - PNX-3	PNX-3 - B-AUD - OUTPUT 1
INPUT 1 - B-AUD - PNX-3	- - - - -
LOGIC 4 - CONTROL - PNX-5	- - - - -
LOGIC 3 - CONTROL - PNX-5	- - - - -
LOGIC 2 - CONTROL - PNX-5	- - - - -
LOGIC 1 - CONTROL - PNX-5	- - - - -
VOICE - DATA - RJ11	- - - - -
RS-232 - CONTROL - DB9	- - - - -
VOIP - DATA - RJ45	- - - - -
AVB/LAN - DATA - RJ45	- - - - -
POWER - 120VAC - C-14	USB-AF - DATA - USB
IN **DSP-MAIN-MDF**	OUT

EXISTING GRANICUS SYSTEM

Biamp	TesiraCONNECT TC-5
LAN - DATA - RJ45	RJ45 - DATA - LAN/AVB 5
- - - - -	RJ45 - DATA - LAN/AVB 4
- - - - -	RJ45 - DATA - LAN/AVB 3
POWER - 12VDC - 1/8	RJ45 - DATA - LAN/AVB 2
IN **CHAMB-AVB-SWITCH**	OUT

Biamp	Tesira EX-AEC
INP 4 - B-AUD - PNX-3	
INP 3 - B-AUD - PNX-3	
INP 2 - B-AUD - PNX-3	
INP 1 - B-AUD - PNX-3	
LAN/POE - DATA - RJ45	
IN **DSP-CLERK-IDF**	OUT

CBL-C6-UB-BL-10

Biamp	Tesira EX-AEC
INP 4 - B-AUD - PNX-3	
INP 3 - B-AUD - PNX-3	
INP 2 - B-AUD - PNX-3	
INP 1 - B-AUD - PNX-3	
LAN/POE - DATA - RJ45	
IN **DSP-DIAS-RIGHT**	OUT

CBL-C6-UB-BL-10

Biamp	Tesira EX-AEC
INP 4 - B-AUD - PNX-3	
INP 3 - B-AUD - PNX-3	
INP 2 - B-AUD - PNX-3	
INP 1 - B-AUD - PNX-3	
LAN/POE - DATA - RJ45	
IN **DSP-DIAS-LEFT**	OUT

CBL-C6-UB-BL-10

Biamp	TESIRA AMP-450BP
	RJ45 - SP-AUD - OUTPUT 4
	RJ45 - SP-AUD - OUTPUT 3
	RJ45 - SP-AUD - OUTPUT 2
LAN/POE - DATA - RJ45	RJ45 - SP-AUD - OUTPUT 1
IN **EQP-AMP-001**	OUT

CBL-C6-UB-BL-10
CBL-C6-UB-BL-10
Biamp Desono C-IC6 SP-AUD-04
Biamp Desono C-IC6 SP-AUD-03
Biamp Desono C-IC6 SP-AUD-02
CBL-C6-UB-BL-10
CBL-C6-UB-BL-10
Biamp Desono C-IC6 SP-AUD-01
CBL-C6-UB-BL-10
CBL-C6-UB-BL-10
Biamp Desono C-IC6 SP-DIAS-04
Biamp Desono C-IC6 SP-DIAS-03
Biamp Desono C-IC6 SP-DIAS-02
CBL-C6-UB-BL-10
CBL-C6-UB-BL-10
Biamp Desono C-IC6 SP-DIAS-01

AUDIO SYSTEM SCHEMATIC

TRI///PATH TECHNOLOGY GROUP
3075 COHASSET ROAD /// CHICO, CA 95973
530-924-5063 /// WWW.TRIPATH.US
LICENSE# 1016628

City of Live Oak
Council Chambers AV Refresh
9955 Live Oak Blvd, Live Oak, CA 95953

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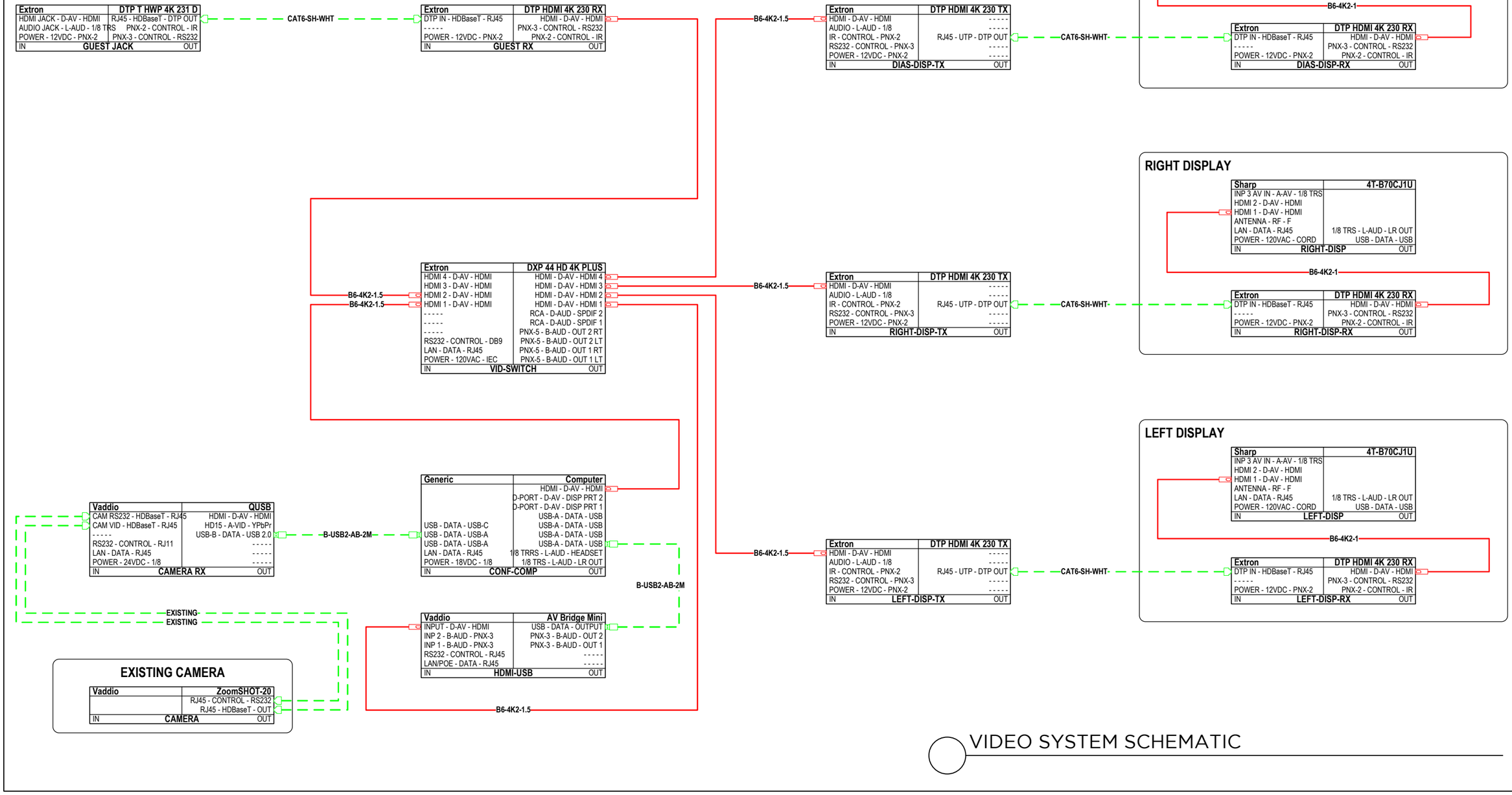

VIDEO SYSTEM SCHEMATIC

TRI///PATH
TECHNOLOGY GROUP
3075 COHASSET ROAD /// CHICO, CA 95973
530-924-5063 /// WWW.TRIPATH.US
LICENSE# 101628

City of Live Oak
Council Chambers AV Refresh
9955 Live Oak Blvd, Live Oak, CA 95953

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LOCATED ON SIDE WALL

Sharp	4T-B70CJ1U
INP 3 AV IN - A-AV - 1/8 TRS	
HDMI 2 - D-AV - HDMI	
HDMI 1 - D-AV - HDMI	
ANTENNA - RF - F	
LAN - DATA - RJ45	1/8 TRS - L-AUD - LR OUT
POWER - 120VAC - CORD	USB - DATA - USB
IN	RIGHT-DISP OUT

Sharp	4T-B70CJ1U
INP 3 AV IN - A-AV - 1/8 TRS	
HDMI 2 - D-AV - HDMI	
HDMI 1 - D-AV - HDMI	
ANTENNA - RF - F	
LAN - DATA - RJ45	1/8 TRS - L-AUD - LR OUT
POWER - 120VAC - CORD	USB - DATA - USB
IN	LEFT-DISP OUT

WattBox	700-IPV-12
FACEPLT - DATA - RJ45	5-15R - 120VAC - CNTRLD 12
FACEPLT - 120VAC - C-14	5-15R - 120VAC - CNTRLD 11
-----	5-15R - 120VAC - CNTRLD 10
-----	5-15R - 120VAC - CNTRLD 9
-----	5-15R - 120VAC - CNTRLD 8
-----	5-15R - 120VAC - CNTRLD 7
-----	5-15R - 120VAC - CNTRLD 6
-----	5-15R - 120VAC - CNTRLD 5
-----	5-15R - 120VAC - CNTRLD 4
LAN - DATA - RJ45	5-15R - 120VAC - CNTRLD 3
-----	5-15R - 120VAC - CNTRLD 2
POWER - 120VAC - C-14	5-15R - 120VAC - CNTRLD 1
IN	EQP-POW-001 OUT

Vaddio	QUSB
CAM RS232 - HDBaseT - RJ45	HDMI - D-AV - HDMI
CAM VID - HDBaseT - RJ45	HD15 - A-VID - YPbPr
-----	USB-B - DATA - USB 2.0
RS232 - CONTROL - RJ11	-----
LAN - DATA - RJ45	-----
POWER - 24VDC - 1/8	-----
IN	CAMERA RX OUT

Vaddio	AV Bridge Mini
INPUT - D-AV - HDMI	USB - DATA - OUTPUT
INP 2 - B-AUD - PNX-3	PNX-3 - B-AUD - OUT 2
INP 1 - B-AUD - PNX-3	PNX-3 - B-AUD - OUT 1
RS232 - CONTROL - RJ45	-----
LAN/POE - DATA - RJ45	-----
IN	HDMI-USB OUT

Generic	Computer
	HDMI - D-AV - HDMI
	D-PORT - D-AV - DISP PRT 2
	D-PORT - D-AV - DISP PRT 1
	USB-A - DATA - USB
USB - DATA - USB-C	USB-A - DATA - USB
USB - DATA - USB-A	USB-A - DATA - USB
USB - DATA - USB-A	USB-A - DATA - USB
LAN - DATA - RJ45	1/8 TRRS - L-AUD - HEADSET
POWER - 18VDC - 1/8	1/8 TRS - L-AUD - LR OUT
IN	CONF-COMP OUT

Extron	DXP 44 HD 4K PLUS
HDMI 4 - D-AV - HDMI	HDMI - D-AV - HDMI 4
HDMI 3 - D-AV - HDMI	HDMI - D-AV - HDMI 3
HDMI 2 - D-AV - HDMI	HDMI - D-AV - HDMI 2
HDMI 1 - D-AV - HDMI	HDMI - D-AV - HDMI 1
-----	RCA - D-AUD - SPDIF 2
-----	RCA - D-AUD - SPDIF 1
-----	PNX-5 - B-AUD - OUT 2 RT
RS232 - CONTROL - DB9	PNX-5 - B-AUD - OUT 2 LT
LAN - DATA - RJ45	PNX-5 - B-AUD - OUT 1 RT
POWER - 120VAC - IEC	PNX-5 - B-AUD - OUT 1 LT
IN	VID-SWITCH OUT

Biamp	TESIRAFORTE AVB VT4
USB - DATA - USB-B	PNX-3 - B-AUD - OUTPUT 4
INPUT 4 - B-AUD - PNX-3	PNX-3 - B-AUD - OUTPUT 3
INPUT 3 - B-AUD - PNX-3	PNX-3 - B-AUD - OUTPUT 2
INPUT 2 - B-AUD - PNX-3	PNX-3 - B-AUD - OUTPUT 1
INPUT 1 - B-AUD - PNX-3	-----
LOGIC 4 - CONTROL - PNX-5	-----
LOGIC 3 - CONTROL - PNX-5	-----
LOGIC 2 - CONTROL - PNX-5	-----
LOGIC 1 - CONTROL - PNX-5	-----
VOICE - DATA - RJ11	-----
RS-232 - CONTROL - DB9	-----
VOIP - DATA - RJ45	-----
AVB/LAN - DATA - RJ45	-----
POWER - 120VAC - C-14	USB-AF - DATA - USB
IN	DSP-MAIN-MDF OUT

Ubiquiti	US-16-150W
	RJ45 - DATA - LAN 16
	RJ45 - DATA - LAN 15
	RJ45 - DATA - LAN 14
	RJ45 - DATA - LAN 13
	RJ45 - DATA - LAN 12
	RJ45 - DATA - LAN 11
	RJ45 - DATA - LAN 10
	RJ45 - DATA - LAN 9
	RJ45 - DATA - LAN 8 — CAT6-BLK
	RJ45 - DATA - LAN 7 — CAT6-BLK
	RJ45 - DATA - LAN 6 — CBL-C6-UB-BL-6
	RJ45 - DATA - LAN 5 — CBL-C6-UB-BL-6
	RJ45 - DATA - LAN 4 — CBL-C6-UB-BL-6
	RJ45 - DATA - LAN 3 — CBL-C6-UB-BL-6
	RJ45 - DATA - LAN 2 — CBL-C6-UB-BL-6
POWER - 120VAC - IEC	RJ45 - DATA - LAN 1 — CBL-C6-UB-BL-6
IN	MDF-LAN-SWITCH OUT

Biamp	TesiraCONNECT TC-5
LAN - DATA - RJ45	RJ45 - DATA - LAN/AVB 5
-----	RJ45 - DATA - LAN/AVB 4
-----	RJ45 - DATA - LAN/AVB 3
POWER - 12VDC - 1/8	RJ45 - DATA - LAN/AVB 2
IN	MDF-AVB-SWITCH OUT

CBL-C6-UB-BL-6

CAT6-BLK

LOCATED IN CEILING AT xx SPEAKER

CAT6-BLK

Biamp	TESIRA AMP-450BP
	RJ45 - SP-AUD - OUTPUT 4
	RJ45 - SP-AUD - OUTPUT 3
	RJ45 - SP-AUD - OUTPUT 2
LAN/POE - DATA - RJ45	RJ45 - SP-AUD - OUTPUT 1
IN	EQP-AMP-001 OUT

ATen	CE820L
HDMI - D-AV - HDMI	RJ45 - HDBaseT - OUTPUT
MIC - L-AUD - 1/8 TRS	-----
LR - L-AUD - 1/8 TRS	-----
USB - DATA - USB-B	-----
LAN - DATA - RJ45	-----
RS232 - CONTROL - DB9	-----
POWER - 12VDC - 1/8	-----
IN	EQP-ACC-003 OUT

LOCATED AT CLERK DESK

ATen	CE820R
INPUT - HDBaseT - RJ45	HDMI - D-AV - HDMI
-----	1/8 TRS - L-AUD - AUDIO
-----	1/8 TRS - L-AUD - AUDIO
-----	USB-B - DATA - USB
-----	RJ45 - DATA - LAN
POWER - 12VDC - 1/8	DB9 - CONTROL - RS232
IN	EQP-ACC-002 OUT

Extron	MLC PLUS 100
	PNX-3 - CONTROL - VOL
	PNX-3 - CONTROL - RLY 2
I/O - CONTROL - PNX-2	PNX-3 - CONTROL - RLY 1
LAN/POE - DATA - RJ45	PNX-3 - CONTROL - COM 2
-----	PNX-3 - CONTROL - COM 1
POWER - 12VDC - PNX-2	PNX-2 - CONTROL - IR
IN	CLERK-CONTROL OUT

LOCATED IN DIAS

Biamp	TesiraCONNECT TC-5
LAN - DATA - RJ45	RJ45 - DATA - LAN/AVB 5 — CBL-C6-UB-BL-10
-----	RJ45 - DATA - LAN/AVB 4 — CBL-C6-UB-BL-10
-----	RJ45 - DATA - LAN/AVB 3 — CBL-C6-UB-BL-10
POWER - 12VDC - 1/8	RJ45 - DATA - LAN/AVB 2 — CBL-C6-UB-BL-10
IN	CHAMB-AVB-SWITCH OUT

Biamp	Tesira EX-AEC
INP 4 - B-AUD - PNX-3	
INP 3 - B-AUD - PNX-3	
INP 2 - B-AUD - PNX-3	
INP 1 - B-AUD - PNX-3	
LAN/POE - DATA - RJ45	
IN	DSP-DIAS-LEFT OUT

Biamp	Tesira EX-AEC
INP 4 - B-AUD - PNX-3	
INP 3 - B-AUD - PNX-3	
INP 2 - B-AUD - PNX-3	
INP 1 - B-AUD - PNX-3	
LAN/POE - DATA - RJ45	
IN	DSP-DIAS-RIGHT OUT

Biamp	Tesira EX-AEC
INP 4 - B-AUD - PNX-3	
INP 3 - B-AUD - PNX-3	
INP 2 - B-AUD - PNX-3	
INP 1 - B-AUD - PNX-3	
LAN/POE - DATA - RJ45	
IN	DSP-CLERK-IDF OUT

NETWORK SYSTEM SCHEMATIC

TRI///PATH TECHNOLOGY GROUP
3075 COHASSET ROAD /// CHICO, CA 95973
530-924-5063 /// WWW.TRIPATH.US
LICENSE# 1016628

City of Live Oak
Council Chambers AV Refresh
9955 Live Oak Blvd, Live Oak, CA 95953

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Extron	PS 124
	PNX-2 - 12VDC - POWER 8
	PNX-2 - 12VDC - POWER 7
	PNX-2 - 12VDC - POWER 6
	PNX-2 - 12VDC - POWER 5
	PNX-2 - 12VDC - POWER 4
	PNX-2 - 12VDC - POWER 3
	PNX-2 - 12VDC - POWER 2
POWER - 120VAC - C-14	PNX-2 - 12VDC - POWER 1
IN **EQP-PP-001**	OUT

Vaddio	QUSB
CAM RS232 - HDBaseT - RJ45	HDMI - D-AV - HDMI
CAM VID - HDBaseT - RJ45	HD15 - A-VID - YPbPr
- - - - -	USB-B - DATA - USB 2.0
RS232 - CONTROL - RJ11	- - - - -
LAN - DATA - RJ45	- - - - -
POWER - 24VDC - 1/8	- - - - -
IN **CAMERA RX**	OUT

ATen	CE820L
HDMI - D-AV - HDMI	RJ45 - HDBaseT - OUTPUT
MIC - L-AUD - 1/8 TRS	- - - - -
LR - L-AUD - 1/8 TRS	- - - - -
USB - DATA - USB-B	- - - - -
LAN - DATA - RJ45	- - - - -
RS232 - CONTROL - DB9	- - - - -
POWER - 12VDC - 1/8	- - - - -
IN **EQP-ACC-003**	OUT

Vaddio	AV Bridge Mini
INPUT - D-AV - HDMI	USB - DATA - OUTPUT
INP 2 - B-AUD - PNX-3	PNX-3 - B-AUD - OUT 2
INP 1 - B-AUD - PNX-3	PNX-3 - B-AUD - OUT 1
RS232 - CONTROL - RJ45	- - - - -
LAN/POE - DATA - RJ45	- - - - -
IN **HDMI-USB**	OUT

Generic	Computer
	HDMI - D-AV - HDMI
	D-PORT - D-AV - DISP PRT 2
	D-PORT - D-AV - DISP PRT 1
	USB-A - DATA - USB
USB - DATA - USB-C	USB-A - DATA - USB
USB - DATA - USB-A	USB-A - DATA - USB
USB - DATA - USB-A	USB-A - DATA - USB
LAN - DATA - RJ45	1/8 TRRS - L-AUD - HEADSET
POWER - 18VDC - 1/8	1/8 TRS - L-AUD - LR OUT
IN **CONF-COMP**	OUT

Extron	DXP 44 HD 4K PLUS
HDMI 4 - D-AV - HDMI	HDMI - D-AV - HDMI 4
HDMI 3 - D-AV - HDMI	HDMI - D-AV - HDMI 3
HDMI 2 - D-AV - HDMI	HDMI - D-AV - HDMI 2
HDMI 1 - D-AV - HDMI	HDMI - D-AV - HDMI 1
- - - - -	RCA - D-AUD - SPDIF 2
- - - - -	RCA - D-AUD - SPDIF 1
- - - - -	PNX-5 - B-AUD - OUT 2 RT
RS232 - CONTROL - DB9	PNX-5 - B-AUD - OUT 2 LT
LAN - DATA - RJ45	PNX-5 - B-AUD - OUT 1 RT
POWER - 120VAC - IEC	PNX-5 - B-AUD - OUT 1 LT
IN **VID-SWITCH**	OUT

Biamp	TesiraCONNECT TC-5
LAN - DATA - RJ45	RJ45 - DATA - LAN/AVB 5
- - - - -	RJ45 - DATA - LAN/AVB 4
- - - - -	RJ45 - DATA - LAN/AVB 3
POWER - 12VDC - 1/8	RJ45 - DATA - LAN/AVB 2
IN **MDF-AVB-SWITCH**	OUT

WattBox	700-IPV-12
FACEPLT - DATA - RJ45	5-15R - 120VAC - CNTRLD 12
FACEPLT - 120VAC - C-14	5-15R - 120VAC - CNTRLD 11
- - - - -	5-15R - 120VAC - CNTRLD 10
- - - - -	5-15R - 120VAC - CNTRLD 9
- - - - -	5-15R - 120VAC - CNTRLD 8
- - - - -	5-15R - 120VAC - CNTRLD 7
- - - - -	5-15R - 120VAC - CNTRLD 6
- - - - -	5-15R - 120VAC - CNTRLD 5
- - - - -	5-15R - 120VAC - CNTRLD 4
LAN - DATA - RJ45	5-15R - 120VAC - CNTRLD 3
- - - - -	5-15R - 120VAC - CNTRLD 2
POWER - 120VAC - C-14	5-15R - 120VAC - CNTRLD 1
IN **EQP-POW-001**	OUT

Extron	DTP HDMI 4K 230 TX
HDMI - D-AV - HDMI	- - - - -
AUDIO - L-AUD - 1/8	- - - - -
IR - CONTROL - PNX-2	RJ45 - UTP - DTP OUT
RS232 - CONTROL - PNX-3	- - - - -
POWER - 12VDC - PNX-2	- - - - -
IN **DIAS-DISP-TX**	OUT

Extron	DTP HDMI 4K 230 TX
HDMI - D-AV - HDMI	- - - - -
AUDIO - L-AUD - 1/8	- - - - -
IR - CONTROL - PNX-2	RJ45 - UTP - DTP OUT
RS232 - CONTROL - PNX-3	- - - - -
POWER - 12VDC - PNX-2	- - - - -
IN **RIGHT-DISP-TX**	OUT

Extron	DTP HDMI 4K 230 TX
HDMI - D-AV - HDMI	- - - - -
AUDIO - L-AUD - 1/8	- - - - -
IR - CONTROL - PNX-2	RJ45 - UTP - DTP OUT
RS232 - CONTROL - PNX-3	- - - - -
POWER - 12VDC - PNX-2	- - - - -
IN **LEFT-DISP-TX**	OUT

Extron	DTP HDMI 4K 230 RX
DTP IN - HDBaseT - RJ45	HDMI - D-AV - HDMI
- - - - -	PNX-3 - CONTROL - RS232
POWER - 12VDC - PNX-2	PNX-2 - CONTROL - IR
IN **GUEST RX**	OUT

Biamp	~~TESIRAFORTE AVB VT4~~
USB - DATA - USB-B	PNX-3 - B-AUD - OUTPUT 4
INPUT 4 - B-AUD - PNX-3	PNX-3 - B-AUD - OUTPUT 3
INPUT 3 - B-AUD - PNX-3	PNX-3 - B-AUD - OUTPUT 2
INPUT 2 - B-AUD - PNX-3	PNX-3 - B-AUD - OUTPUT 1
INPUT 1 - B-AUD - PNX-3	- - - - -
LOGIC 4 - CONTROL - PNX-5	- - - - -
LOGIC 3 - CONTROL - PNX-5	- - - - -
LOGIC 2 - CONTROL - PNX-5	- - - - -
LOGIC 1 - CONTROL - PNX-5	- - - - -
VOICE - DATA - RJ11	- - - - -
RS-232 - CONTROL - DB9	- - - - -
VOIP - DATA - RJ45	- - - - -
AVB/LAN - DATA - RJ45	- - - - -
POWER - 120VAC - C-14	USB-AF - DATA - USB
IN **DSP-MAIN-MDF**	OUT

Ubiquiti	US-16-150W
	RJ45 - DATA - LAN 16
	RJ45 - DATA - LAN 15
	RJ45 - DATA - LAN 14
	RJ45 - DATA - LAN 13
	RJ45 - DATA - LAN 12
	RJ45 - DATA - LAN 11
	RJ45 - DATA - LAN 10
	RJ45 - DATA - LAN 9
	RJ45 - DATA - LAN 8
	RJ45 - DATA - LAN 7
	RJ45 - DATA - LAN 6
	RJ45 - DATA - LAN 5
	RJ45 - DATA - LAN 4
	RJ45 - DATA - LAN 3
	RJ45 - DATA - LAN 2
POWER - 120VAC - IEC	RJ45 - DATA - LAN 1
IN **MDF-LAN-SWITCH**	OUT

MDF

IDF

MDF

IDF

Extron	MLC PLUS 100
	PNX-3 - CONTROL - VOL
	PNX-3 - CONTROL - RLY 2
I/O - CONTROL - PNX-2	PNX-3 - CONTROL - RLY 1
LAN/POE - DATA - RJ45	PNX-3 - CONTROL - COM 2
- - - - -	PNX-3 - CONTROL - COM 1
POWER - 12VDC - PNX-2	PNX-2 - CONTROL - IR
IN **CLERK-CONTROL**	OUT

Shure	SBC10-100
POWER - 15VDC - DC	
IN **EQP-MIC-004**	OUT

WattBox	200-9HTR
	5-15R - 120VAC - POWER
	5-15R - 120VAC - POWER
	5-15R - 120VAC - POWER
	5-15R - 120VAC - POWER
	5-15R - 120VAC - POWER
	5-15R - 120VAC - POWER
	5-15R - 120VAC - POWER
POWER - 120VAC - CORD	5-15R - 120VAC - POWER
IN **EQP-POW-002**	OUT

ATen	CE820R
INPUT - HDBaseT - RJ45	HDMI - D-AV - HDMI
- - - - -	1/8 TRS - L-AUD - AUDIO
- - - - -	1/8 TRS - L-AUD - AUDIO
- - - - -	USB-B - DATA - USB
- - - - -	RJ45 - DATA - LAN
POWER - 12VDC - 1/8	DB9 - CONTROL - RS232
IN **EQP-ACC-002**	OUT

Shure	ULXD4D-H50
ANT B - RF - F	XLR-M - B-AUD - OUT 2
ANT A - RF - F	XLR-M - B-AUD - OUT 1
DANTE-SEC - DATA - RJ45	- - - - -
DANTE-PRI - DATA - RJ45	- - - - -
POWER - 12VDC - 1/8	- - - - -
IN **ATT-MIC-RX**	OUT

Biamp	TesiraCONNECT TC-5
LAN - DATA - RJ45	RJ45 - DATA - LAN/AVB 5
- - - - -	RJ45 - DATA - LAN/AVB 4
- - - - -	RJ45 - DATA - LAN/AVB 3
POWER - 12VDC - 1/8	RJ45 - DATA - LAN/AVB 2
IN **CHAMB-AVB-SWITCH**	OUT

POWER DISTRIBUTION SCHEMATIC

TRI///PATH
TECHNOLOGY GROUP
3075 COHASSET ROAD /// CHICO, CA 95973
530-924-5063 /// WWW.TRIPATH.US
LICENSE# 1016628

City of Live Oak
Council Chambers AV Refresh
9955 Live Oak Blvd, Live Oak, CA 95953

DRAWN BY:
DESIGNED BY:
PROJECT #: TRI-0607
PRINT DATE: 1/20/2021
REVISION #: 0.1
PAGE SCALE: N.T.S.
SHEET #: T-861

City of Live Oak
Report to City Council

Meeting Date:	March 17, 2021
Title:	Appointment of Planning Commissioner by Sutter County to City of Live Oak Planning Commission
Contact Information:	(Kevin Valente, AICP, Planning Director)
Location:	Citywide.
Background:	The City of Live Oak Planning Commission is comprised of seven members. Six members are appointed by the Live Oak Mayor and City Council and one member is selected by the Sutter County Planning Commission with approval of the Sutter County Board of Supervisors and the Live Oak City Council.
Analysis:	The Sutter County Planning Commission selected District 1 Commissioner Christine Ivory to sit on the Live Oak Planning Commission as the Sutter County representative. Commissioner Christine Ivory was selected by the Sutter County Planning Commission at their February 17, 2021 meeting. The appointment was confirmed by the Sutter County Board of Supervisors at their February 23, 2021 meeting. Please see attached letter from Doug Libby, Sutter County Principal Planner. As per the By-Laws of the Sutter County Planning Commission, Commissioner Christine Ivory's appointment must be confirmed by the Live Oak City Council.
Fiscal Impacts:	None.
Recommendation:	Confirm the appointment of the Sutter County Planning Commissioner Christine Ivory to the Live Oak Planning Commission.

Attachments:

Sutter County Planning Commissioner Appointment Letter

SUTTER COUNTY

SUTTER COUNTY
DEVELOPMENT SERVICES DEPARTMENT

Building Inspection
Code Enforcement
Engineering/Water Resources
Environmental Health
Planning
Road Maintenance

February 25, 2021

Received by Mail
MAR 0 4 2021
City of Live Oak

City of Live Oak
Attn: Aaron Palmer, City Manager
9955 Live Oak Boulevard
Live Oak, CA 95953

Re: **Appointment of County Planning Commissioner to Live Oak Planning Commission**

Dear Mr. Palmer,

The Sutter County Planning Commission selected a representative to sit on the Live Oak Planning Commission. Commissioner Christine Ivory, from Supervisorial District 1, was selected by the Commission at its February 17, 2021, meeting and this appointment was confirmed by the Board of Supervisors at their February 23, 2021, meeting.

Per the Sutter County Planning Commission By-Laws, Ms. Ivory's appointment to the Live Oak Planning Commission must be confirmed by the Live Oak City Council. Commissioner Ivory's contact information is provided below.

Christine Ivory
3381 Clark Road
Live Oak CA 95953
tineivory@yahoo.com
530-755-7088

Please call me if you wish to discuss this matter further.

Sincerely,

Doug Libby

Digitally signed by Doug Libby
Date: 2021.02.25 14:16:52 -08'00'

Doug Libby, AICP
Principal Planner

DL:KM
\\i\county\DS\Public\Planning\General Correspondence Letters\Doug Libby\Planning Commissioner appointment letters\2021 Planning Commissioner appointment - Live Oak.docx

LIVE OAK
CALIFORNIA

City of Live Oak
Report to City Council

Meeting Date: March 17, 2021

Title: Resolution Authorizing the Submission of the Annual Transportation Development Act Claim for Fiscal Year (FY) 2020-21 to the Sacramento Area Council of Governments (SACOG)

Contact Information: (Joe Aguilar, Finance Director)

Background: The City submits an Annual Transportation Development Act Claim to SACOG for local transportation funds based on SACOG findings of apportionment. Please note that the attached submission covers the current fiscal year. The claim request for FY 2020-21 includes $371,141 for streets/roads projects and $11,479 for SACOG administration.

The City received recent communication from SACOG requesting the City to detail the components of spending of these street funds. The following is the composition of the projects to be funded:

* $371,141 Highway 99 Project utility relocation and street demolition.

Staff recommends the City Council adopt the resolution and authorize the submission of the claim to SACOG.

Fiscal Impacts: The City will use $382,620 in FY 2020-21 Funds from SACOG for Street Projects.

Recommendation: Adopt resolution.

Attachments:

Resolution
SACOG TDA Claim

Resolution No.

RESOLUTION OF THE CITY COUNCIL OF THE CITY OF LIVE OAK AUTHORIZING SUBMISSION OF THE ANNUAL TRANSPORTATION DEVELOPMENT ACT CLAIM FOR FISCAL YEAR 2020-21 TO THE SACRAMENTO AREA COUNCIL OF GOVERNMENTS

BE IT RESOLVED by the City Council of the City of Live Oak that the City Manager and Finance Director are hereby authorized to execute the ANNUAL TRANSPORTATION DEVELOPMENT ACT CLAIM and STATEMENT OF CONFORMANCE for Fiscal Year 2020-21 and that the same be submitted to the Sacramento Area Council of Governments on behalf of the City of Live Oak.

PASSED AND ADOPTED by the City Council of the City of Live Oak this 17th day of March, 2021, by the following vote:

AYES:
NOES:
ABSENT:
NOT VOTING:

APPROVED:

_____
Luis Hernandez, Mayor

ATTEST:

_____
Clarissa Menchaca, City Clerk



TRANSPORTATION

DEVELOPMENT ACT

CLAIM PACKET

Sacramento Area Council of Governments
1415 L Street. Suite 300
Sacramento, CA 95814

TRANSPORTATION DEVELOPMENT ACT
CLAIM CHECKLIST

Please check the following, items as being either included with the attached TDA claim package or are on file at SACOG.

Item	Claimant	Attached	On file
• TDA-1 Annual Transportation Development Claim	All claimants	~~XX~~	N/A
• TDA-2 Project and Expenditure Plan (for the fiscal year of this claim and the prior fiscal year)	All claimants		N/A
• TDA-3 Status of Previously Approved Projects	All claimants		N/A
• TDA-4 Statement of Conformance	All claimants		N/A
• TDA-5 TDA Claim Certification	All claimants		N/A
• Resolution by governing body that authorized the claim	All claimants		N/A
If Claimant is a Transit Agency or Jurisdiction is Contracting for Transit Service			
• CHP Safety Compliance Report (Completed within the past 13 months)	Claimants for transit service		
• Adopted or proposed budget for the fiscal year of the claim	Claimants for transit service		
• Signed copy of transit service contract	Claimants for transit service		
• Area wide transfer agreement, resolution	Claimants that allow inter-system transfers		
• Information establishing eligibility under efficiency Criteria – STA Operator Qualifying Criteria calculation based on section 99314.6	Claimants for revenue-based STA funds		
• Certification that claim is consistent with Capital Improvement Program	Claimants for bike/ped facilities		
• Compliance with PUC Sec. 99155 & 99155.5	Claimants for transit service		
• Copy of Ten Year Capital & Operations Program	Claimants for transit service		

TDA-1

TRANSPORTATION DEVELOPMENT ACT CLAIM

TO: Sacramento Area Council of Governments
1415 L Street, Suite 300
Sacramento, CA 95814

FROM: Claimant _____

City of Live Oak
9955 Live Oak Blvd
Live Oak, CA 95953
Contact: Joe Aguilar, Finance Director
Phone: 530-695-2112 Email: jaguilar@liveoakcity.org

_____

The above claimant hereby requests, in accordance with authority granted under the Transportation Development Act and applicable rules and regulations adopted by the Sacramento Area Council of Governments (SACOG), that its request for funding be approved as follows:

LTF _____

LTF $382,620 (FY 2020-21)

_____(FY____/____)

STA _____(FY____/_____)

_____ (FY____/____)

STA-SGR_____(FY____/____)

_____(FY____/____)

(Specify STA and/or STA-SGR)

Submitted By

Joe Aguilar, Finance Director, March 17, 2021 _____

Title _____

Date _____

TDA-2

ANNUAL PROJECT AND EXPENDITURE PLAN

	Claimant: City of Live Oak	**Fiscal Year: 2020-21**

Project Title and TDA Article Number		**SOURCES OF FUNDING**								
	TDA LTF	TDA STA	TDA STA-SGR	Transit Fares	Measure A	Road Fund	Developer Fees/Const. Tax	Federal/ State	Other	**TOTAL**
Highway 99 demolition/utilities	$371,141									371,141
SACOG Planning	$11,479									11,479
TOTAL REQUEST	$382,620	$	$	$	$	$	$	$	$	$382,620

TDA-3
STATUS OF PREVIOUSLY APPROVED PROJECTS

Instructions: Describe the status of all prior fiscal year TDA claim projects and any projects from previous years, which are still active.

- Include both operating and capital projects
- Approved amounts should he as specified in TDA claims approved by SACOG
- Expenditures should be to date
- Project status should be either "Complete" or "Active"

Fiscal Year	Project Title	Amount Approved	Expenditures	Project Status
15-16	City Overlays	423,000	423,000	complete
16-17	City Overlays	413,990	148,566	complete
17-18	City overlays and Construction projects	301,411	22,353	active
18-19	Hwy 99 relocate utilities And street reconstruction	408,656	185,997	active
19-20	Hwy 99 widening and Pennington Rd West	420,827	0	active
TOTAL		$1,967,884	$779,916	

TDA-4
STATEMENT OF CONFORMANCE

Form TDA-4 must be completed and signed by the Administrative Office of the submitting claimant.

The City of Live Oak hereby certifies that the Transportation Development Act claim for fiscal year(s) 2020-21 in the amount of $ 382,620 (LTF), $ _____ (STA) and $_____(STA-SGR) for a total of $ 382,620 conforms to the requirements of the Transportation Development Act and applicable rules and regulations. (See Attachment A for listing of conformance requirements)

Certified by Chief Financial Officer Joe Aguilar
Title Finance Director
Date March 17, 2021

TDA-5

TDA Claim Certification Form

I, Joe Aguilar, Chief Finance Officer for the City of Live Oak, do hereby attest, as required under the California Code of Regulations, Title 21, Division 3, Chapter 2, Section 6632, to the reasonableness and accuracy of the following:

(a) The attached budget or proposed budget for FY 2020-2021.

(b) The attached certification by the Department of the California Highway Patrol verifying that City of Live Oak is in compliance with Section 1808.1 of the Vehicle Code, as required in Public Utilities Code Section 99251.

(c) The estimated amount of $382,620 maximum eligibility for moneys from the local transportation fund and the state assistance fund, as defined in Section 6634, is $382,620.

Joe Aguilar

(Signature) Chief Financial Officer

City of Live Oak

(Agency Name)

March 17, 2021

(Date)

ATTACHMENT A
CONFORMANCE - TDA CLAIMANTS
Standard Assurances

1) 180-Day Certified Fiscal Audit *(Applies to all claims; SACOG administers fiscal audits for all operators in the region, with the exception of the Sacramento Regional Transit District)* -Assurance that the claimant has submitted a satisfactory independent fiscal audit, with required certification, to SACOG and to the State Controller not more than 180 days after the end of the prior fiscal year (Sections 99245 and 6664).

2) 90-Day Annual State Controller Report (*Applies to all transit claims)* – Assurance that claimant has submitted this report to the State Controller in conformance with the uniform system of accounts and record not more than 90 days after the end of the prior fiscal year (110 days for electronically submissions) (Section 99243). Claimant should also supply a copy of the State Controller report (SCR) to SACOG no more than 120 days after the end of the prior fiscal year.

3) Use of Federal Funds (*Applies to all Article 4 claims)* –

- Claimant filing a claim for TDA funds for capital intensive projects pursuant to Section 99268.7 certifies that is has made every effort to obtain federal funding for any project which is funded pursuant to Section 99268.7.

- Claimant qualifying for funds pursuant to Section 99268.1 and tiling a claim for TDA funds in excess of the amount allowed by Section 99268 certifies that such funds are required in order to obtain maximum federal operating funds in the year such funds are claimed pursuant to Section 6633.1.

4) Elderly/Disabled (*Applies to all transit claims*) – That the transit operator is question is in compliance with Section 99155 pertaining to reduced transit fares for elderly and disabled persons and Section 99155.5 pertaining to dial-a-ride and paratransit services.

5) Farebox Recovery Ratio Requirements (*Applies to all transit claims*) – Claimant filing a claim for LTF or STA funds certifies that it will maintain for the project that ratio of fare revenues and local support to operating cost required under Sections 99268 (including all subparts), 99270.1, 99270.2, 99270.6, and under the "Farebox Requirements for Urbanized and Non-Urbanized Service' adopted by the SACOG Board of Directors on March 18, 1982, whichever is appropriate.

Exceptions:

6) 50% Expenditure Limitation (*Applies only to claims for LTF*) – Claimant certifies that it was in compliance with Section 99268 certifying that it (the claim) will not exceed 50% of the amount required to meet operating, maintenance, capital and debt service costs of the transit system after deduction of approved federal grants and STA funds estimated to be received for the system. (A claimant can received up to 100% of capital costs for grade-separated mass transit projects under Section 99268 and 99281, for capital intensive transit-related projects under Section 99268.7. and for extension of services under Section 6619.1 and 6633.8)

7) Extension of Services (*Applies only to LTF claims*) - Claimant who received an allocation of LTF funds for extension of service pursuant to Section 99268.8 certifies that it will file a report of these services pursuant to Section 6633.8(b) within 90 days after close of the fiscal year in which that allocation was granted.

8) Retirement System (*Applies only to LTF claims*) - Claimant certifies that (1) the current cost of its retirement system is fully funded with respect to the officers and employees of its public transportation system; or (2) the operator

is implementing a plan approved by SACOG which will fully find the retirement system for such officers and employees within 40 years; or (3) the operator has a private pension plan which sets aside and invests, on a current bases, funds sufficient to provide for the payment of future pension benefits and which is fully compliant with the requirements stated in Section 99272 and 99273.

9) Maximum Use of Local Transportation Funds *(Applies only to Sacramento Regional Transit District STA claim)* - That the operator is receiving the maximum allowable amount from the Local Transportation Fund.

10) Part-Time Employees *(Applies only to claims for STA)* - Claimant certifies that it is not precluded by any contract entered into on or after June 28, 1979 from employing part-time drivers or contracting with common carriers of persons operating under a franchise or license. Claimant further certifies that no person who was a full-time employee on June 28, 1979 shall have his/her employment terminated or his/her regular hours of employment, excluding overtime, reduced as a result of it employing part-time drivers or contracting with such common carriers.

11) Conformance with the Metropolitan (Regional) Transportation Plan *(Applies only to claims for STA)* - Claimant certifies that all of the purposes for claim expenditures are in conformance with the current Short Range Transit Plan, which is an appendix to the Metropolitan (Regional) Transportation Plan.

12) Full Use of Federal Funds *(Applies only to STA claims)* - Claimant certifies that it is making full use of federal funds available under the Urban Mass Transportation Act of 1964, as amended.

13) Implementation of Productivity Improvements *(Applies only to STA claims)* - Claimant certifies that the operator has made a reasonable effort to implement the productivity improvements recommended pursuant to Section 99244.

LIVE OAK
CALIFORNIA

City of Live Oak
Report to City Council

Meeting Date:	March 17, 2021
Title:	Contract with NorCal Pump & Well Drilling, Inc. to Scrub and Disinfect Well 7
Contact Information:	(Alison Schmidt, Management Analyst)
Location:	Well 7, 11391 Larkin Road

Background: In November of 2020, water sampling and testing was performed to bring the new Well 7 online. Initial sampling and testing revealed elevated total coliform levels. A brief timeline of events follows to show the current status of the project and the need for the current contract with NorCal Pump & Well Drilling, Inc. to scrub and disinfect the well to bring it on-line and into service.

* November 2020, initial water sampling and testing revealed elevated total coliform levels, additional disinfection necessary.
* December 11, 2020, Second testing completed. Total coliform still elevated, but lower than initial testing.
* December 16, 2020, after discussions with project manager, contractors and State Division of Drinking Water(DDW) it is determined that a video survey of the well is necessary to determine source of total coliform.
* January 15, 2021, company selected and video survey is completed.
* January 21, 2021, full report of video survey completed and delivered to project manager. Coliform is due to an elevated algae/bacteria growth inside the well casing, the result of project delays leaving the well unused for an extended period of time.
* February 22, 2021, additional meetings and discussions over the past month. Quotes for various additional work provided by the design engineer to project manager, reviewed in coordination with DDW and determined not necessary or required. Project manager and DDW agree that the best course of action is to scrub and disinfect the well and retest.
* March 3, 2021, project manager working with NorCal Pump & Well Drilling, Inc. who installed the well, to provide quote for the scrub and disinfect project.
* March 10, 2021, project manager received full quote from NorCal to perform all of the work necessary to scrub and disinfect the well as per the recommendations from DDW.

NorCal is local, knows the well, and is able to perform the necessary work quickly as soon as we approve their contract and release them to work. Once the work is completed and re-testing is passed, T&S Construction can return to the site to complete start-up and bring the well on-line and close out this project.

Time is of the essence on this contract. We are coming into the spring irrigation season, and we may face delays from NorCal if we are not able to get them on to the site within the next couple of weeks. Our project manager has been working in close coordination with DDW to evaluate all of the potential options to remedy the elevated total coliform levels and they are all in agreement that this is the best course of action.

Fiscal Impacts: $40,000 new contract to be paid for from $449,000 of Water Connection fees appropriated in the 2020/2021 budget for Water Capital Projects, including Well 7. Currently approximately $30,000 of that appropriation has been spent allowing for this additional contract with no budget amendments required.

Recommendation: Approve contract with NorCal Pump & Well Drilling, Inc. to scrub and disinfect Well 7.

Attachments:

NorCal Pump and Well

Nor-Cal Pump Well Drilling, Inc
Main Office
1325 Barry Road
Yuba City, CA 95993
530-674-5861 Office
***.norcalpump.com

Estimate: 21-036
Date: 3/9/2021

JEFF NELSON
INTERWEST GROUP
O: 916.245.8076
C: 415.652.3659
JNELSON@INTERWESTGRP.COM

LIVE OAK WELL 7

Qty	Description	Unit Price	Unit Total
	WELL REHABILATION		
1	MOBILIZATION	LUMPSUM	$ 5,764.00
1	REMOVE 40 HP PUMP & MOTOR	LUMPSUM	$ 3,950.00
1	WELL VIDEO & PROVIDE REPORT	LUMPSUM	$ 1,150.00
8 HR	BRUSHING & BAILING	$ 295.00	$ 2,360.00
1	MIXING & INJECTING CHEMICALS & AGITATING	LUMPSUM	$ 3,821.00
1	CHEMICAL & ADDITIVES	LUMPSUM	$ 1,250.00
1	SET UP TANK, DISCHARGE PIPING UP TO 50'	LUMPSUM	$ 1,475.00
1	TANK & DISCHARGE RENTAL	LUMPSUM	$ 2,983.00
24 HR	AIRLIFTING & SWABBING	$ 395.00	$ 9,480.00
1	RE-INSTALL PUMP & MOTOR	LUMPSUM	$ 3,950.00
1	DISINFECTION & BACTERIA TESTING	LUMPSUM	$ 1,500.00
1	START UP & FLUSH OUT SYSTEM	LUMPSUM	$ 1,000.00
	TOTAL		**$ 38,683.00**

THIS IS AN ESTIMATE - ACTUAL WELL DEPTH & SANITARY ANNULAR SEAL COST MAY VARY. Unless otherwise listed, applicable taxes ARE NOT included. Customers are responsible for providing water for drilling, and discharge & disposal of water.

Date:_____

Signature:_____

Printed Name/Title:_____