



CITY COUNCIL MEETING

Tuesday, March 17, 2026

Regular Meeting - 6:00 PM

City Hall – City Council Chambers

425 Webster Street, Colusa, CA 95932

AGENDA

Mayor – Denise Conrado

Mayor Pro Tem – Dave Markss

Council Member – Daniel Vaca

Council Member – Greg Ponciano

Council Member – Ryan Codorniz

CALL TO ORDER

ROLL CALL

PLEDGE OF ALLEGIANCE

APPROVAL OF AGENDA

PUBLIC COMMENTS *(The public to address any item of City business NOT appearing on this Agenda. Speakers must limit their comments to three (3) minutes each. Please note that per Government Code Section 54954.3(a), the City Council cannot take action or express a consensus of approval or disapproval on any public comments regarding matters which do not appear on the printed agenda)*

CONSENT CALENDAR - *All items listed on the Consent Calendar are considered by the Council to be routine in nature and will be enacted by one motion unless an audience member or Council member requests otherwise, in which case, the item will be removed for separate consideration.*

1. Approve - March 3 Draft Council Minutes
2. Receive and File - Police Department February report
3. Receive and File - Fire Department February report
4. Receive and File - Code Enforcement February report
5. Receive and File - Finance Department January and February reports
6. Receive and File - City Treasurer's November report
7. Receive and File - January Warrants List
8. Receive and File - February Warrants List
9. Receive and File - PRT Quarterly Commission report

10. Adopt - Resolution accepting the 2025 General Plan Annual Progress Report and the Housing Annual Progress Report, authorizing submittal to the Governor's Office of Land Use and Climate Innovation and the California Department of Housing and Community Development

COUNCIL MEMBER /CITY MANAGER REPORTS AND STAFF COMMENTS

COUNCIL CONSIDERATION

11. Consideration of intent to secure Sourcewell Contract and Plan for purchase of an Aerial Ladder Truck.

Recommendation: Council to adopt the Resolution authorizing staff to proceed with planning and ordering activities for the future purchase of a ladder truck through a Sourcewell cooperative contract. With a total estimated cost of \$1.6 million.

12. Consideration of suspending the Parks, Recreation, and Tree Commission and future restructuring

Recommendation: Council to adopt a Resolution suspending the Parks, Recreation & Tree Commission until further restructuring can be completed.

13. Consideration of appointments for Planning, Parks, Recreation and Tree and Heritage Preservation Commissions

Recommendations:

* Council to consider appointing two of the five applicants for the two vacancies on the Planning Commission between Mathew Fontes, Kelsey Watt, Toni Hilger, John Martin, and Amy Schmidt.

* Council to consider appointing the two applicants, Thomas Roach and Jena Ruble, to fill two of the three vacancies on the Parks, Recreation & Tree Commission.

* Council to consider appointing Gladys "Cass" Garcia to the Heritage Preservation Commission.

FUTURE AGENDA ITEMS

ADJOURNMENT



SHELLY KITTLE, CITY CLERK

Notice of Meetings and Agendas

The Regular Colusa City Council meetings are held the first and third Tuesdays of each month at 6:00 pm in the Colusa City Council Chambers located at 425 Webster Street, Colusa California unless otherwise noted above. Copies of open session agenda packets, which are distributed to the City Council, are on file at the front desk of the City at 425 Webster Street, Colusa, California, and are available for public inspection beginning 72 hours in

advance, during normal business hours (7:00 am – 5:00 pm., Monday through Thursday except for City holidays). Additionally, if any reports or documents, which are public records, are distributed to the City Council less than 72 hours before the meeting, those reports and documents will also be available for public inspection at the front desk of the City and on the day of the meeting in the Council Chambers.

Americans with Disabilities Act

In compliance with the Americans with Disabilities Act, persons requiring accommodations for a disability at a public meeting should notify the City Clerk at least 48 hours before the meeting at (530) 458-4941 to allow the City sufficient time to make reasonable arrangements to accommodate participation in this meeting.

“This institution is an equal opportunity employer and provider”



CITY COUNCIL MEETING

Tuesday, March 03, 2026

Regular Meeting - 6:00 PM

City Hall – City Council Chambers

425 Webster Street, Colusa, CA 95932

MINUTES

CALL TO ORDER - Mayor Conrado called the meeting to order at 6:00 pm.

ROLL CALL – Council Members Ponciano, Vaca, Markss, Codorniz and Mayor Conrado were present.

PLEDGE OF ALLEGIANCE

APPROVAL OF AGENDA –There was council consensus on the approval of the agenda.

PUBLIC COMMENTS – Citizen John Stuck asked why the ladder truck was not on the agenda.

PRESENTATIONS

Mayor Conrado read the 10-Year Service Award and thanked Tina Dixon, who was not present.

Presenters: Katy Carpenter and Maria Markham provided a slide presentation on California Rural Legal Assistance Inc. (“CRLA”) General Services Information and Affirmatively Furthering Fair Housing.

CONSENT CALENDAR - *All items listed on the Consent Calendar are considered by the Council to be routine in nature and will be enacted by one motion unless an audience member or Council member requests otherwise, in which case, the item will be removed for separate consideration.*

1. Approve - Draft Council Minutes of January 20
2. Approve - Draft Council Minutes of February 3
3. Receive and File - Finance Dept. Nov. & Dec. reports
4. Receive and File - November Warrants List
5. Receive and File - December Warrants List
6. Adopt - Resolution authorizing the City Manager to complete the Joint Powers Agreement.
7. Adopt - Resolution authorizing the City Manager to sign the purchase agreement with GapVax for a new water and wastewater vacuum truck with hydrojet

ACTION: Council Member Vaca made a motion, seconded by Council Member Codorniz to approve the consent calendar. Motion passed unanimously.

COUNCIL MEMBER /CITY MANAGER REPORTS AND STAFF COMMENTS

Council Members provided updates on meetings and events they attended.

City Manager Cain provided updates on the wells, projects, and meetings.

City Attorney Wakefield – no report.

Finance Director Aziz-Khan provided updates in the Finance Department.

City Treasurer Kelley reported the November Treasurer's Report will be on the next agenda.

Police Chief Fitch provided updates in the Police Department.

Fire Chief Conley provided updates in the Fire Department.

Assistant City Manager Moore provided updates on projects and meetings.

Planner Morley provided updates in the Planning Department.

City Engineer Swartz provided updates on projects.

City Clerk Kittle provided updates in the Clerk's Department.

COUNCIL CONSIDERATION

8. Consideration of Resolution approving the Fiscal Year 2024-2025 Annual audit and Single audit reports.

Finance Director Aziz-Khan provided the report.

ACTION: Motion by Council Member Ponciano, seconded by Council Member Codorniz to adopt **Resolution 26-12** adopting the annual audit and single audit reports for Fiscal Year 2024-2025. Motion passed 5-0 by the following roll-call vote:

AYES: Ponciano, Vaca, Markss, Codorniz and Conrado.

NOES: None.

9. Consideration of the Mid-Year Budget Update and Proposed Budget Adjustments – FY 2025–2026 and approve the updated GANN Limit for FY 2024-25 and FY 2025-26.

City Manager Cain with Ad Hoc Members Conrado and Markss provided the report.

Public Comments: Citizen Janice Bell asks if the SLEFS funds were in a separate account.

Citizen John Stuck inquired about the approved project from the Bay Area company

ACTION: Motion by Council Member Codorniz, seconded by Council Member Ponciano to adopt **Resolution 26-13** adopting the Mid-Year Budget for Fiscal Year 2025-2026 and the GAAN Limits. Motion passed 5-0 by the following roll-call vote:

AYES: Ponciano, Vaca, Markss, Codorniz and Conrado.

NOES: None.

10. Consideration of the City of Colusa and County of Colusa Wastewater Annexation #2 Tax Share Agreement

Council Members Ponciano and Vaca provided the report.

ACTION: Motion by Council Member Vaca, seconded by Council Member Ponciano to adopt **Resolution 26-14** approving the Wastewater Annexation #2 Tax Share Agreement between the City of Colusa and the County of Colusa; and authorize the Mayor to execute the agreement on behalf of the city. Motion passed 5-0 by the following roll-call vote:

AYES: Ponciano, Vaca, Markss, Codorniz and Conrado.

NOES: None.

DISCUSSION ITEMS

None.

FUTURE AGENDA ITEMS

Well Update

Development Impact Fees

Ladder Truck

Mushroom Plant roof update

ADJOURNED TO CLOSED SESSION at 7:06 pm

PUBLIC COMMENTS (*The public may comment on items scheduled to be heard during the Closed Session Meeting*) – **None**.

1. CONFERENCE WITH LABOR NEGOTIATORS (Section 54957.6) Agency-designated representatives: City Manager Jesse Cain and Robert Wakefield, City Attorney. Memorandum of Understandings (MOU's) for:

- Peace Officers Association

2. CONFERENCE WITH LEGAL COUNSEL—ANTICIPATED LITIGATION Significant exposure to litigation Section 54956.9: (1 case)

ADJOURNED at 7:22 pm, Mayor Conrado stated there was no reportable action.

DENISE CONRADO, MAYOR

Shelly Kittle, City Clerk

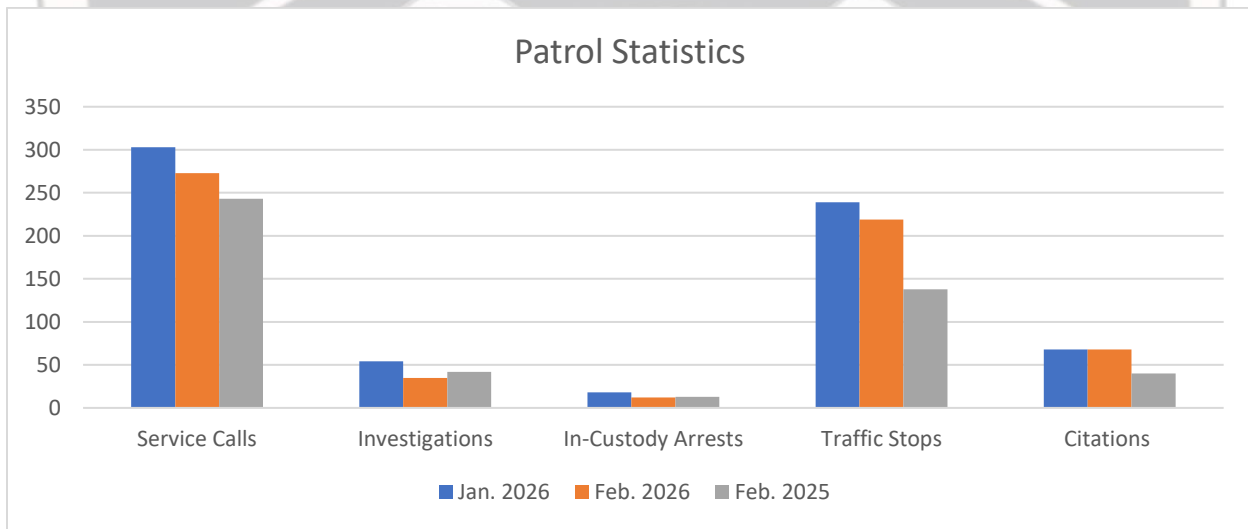
Colusa Police Department

Monthly Report for February 2026

Monthly Activities

- City Council Meetings
- Participated in the School Attendance Review Board (SARB)
- Attended 'Effective Stewardship in Policing' training
- Attended 'Drones as first responders with an emphasis on search and seizure laws' training conducted by FLOCK

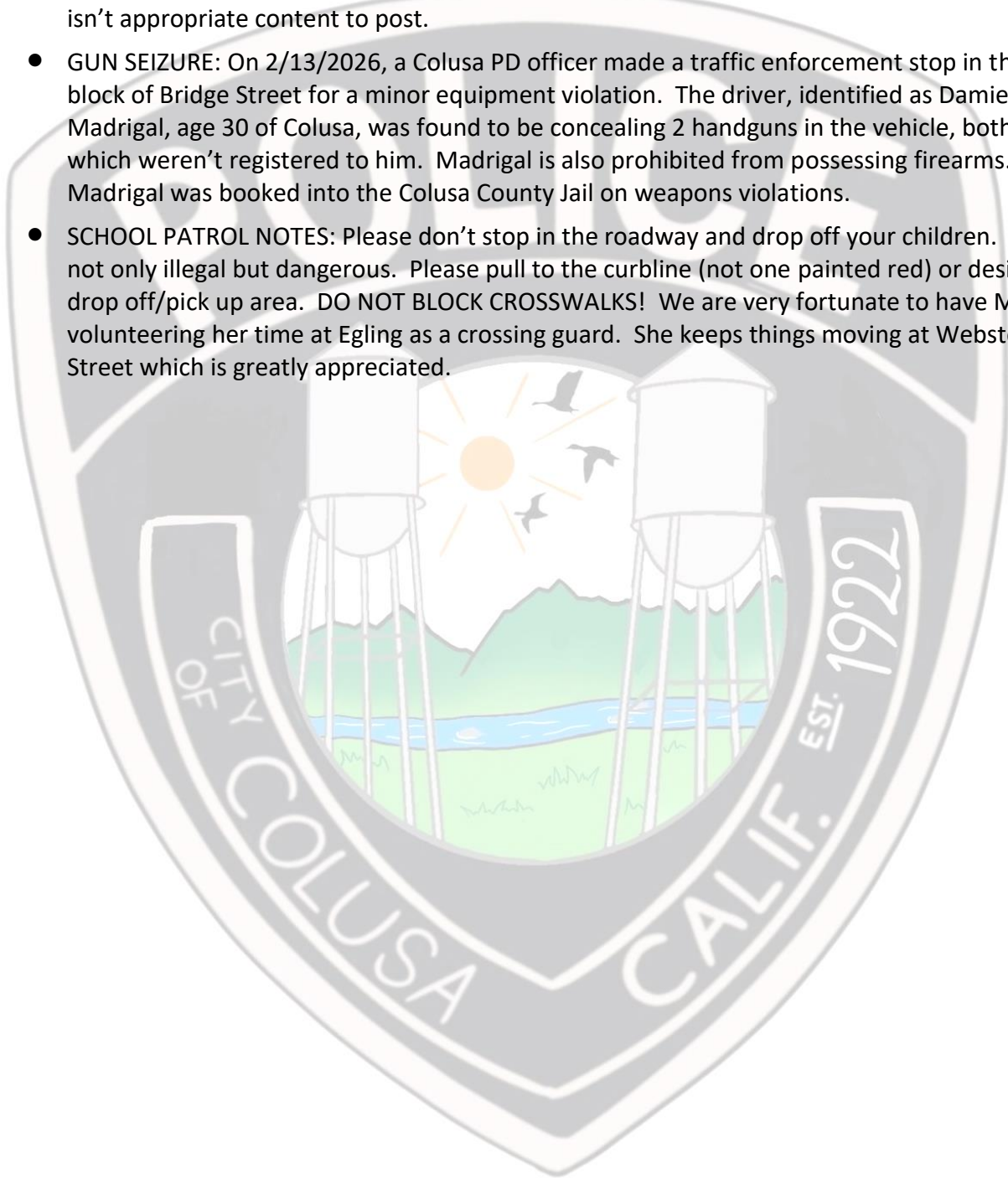
Monthly Statistics



- There were 273 calls for service for patrol officers with 10 agency assists. The call volume in February decreased from January.
- During February, there were 12 in-custody arrests. There were 2 citations issued in lieu of a subject being booked in jail. There were 3 documented domestic violence related incidents resulting in a report, many of which were violations of restraining orders. There were 35 reports initiated. In comparison to January, February was 'slower'.
- During the month of February, officers initiated 219 traffic enforcement stops. There were 69 citations issued. The citations were issued for various moving and mechanical violations. There were 2 reportable traffic collisions, fortunately both without injuries. 'Hit and Run' collisions are not included in these statistics but instead are included in crime statistics. There were 2 DUI arrests.
- The Police Services Manager handled 55 calls for service during the month of February. These calls for service don't include telephone calls handled by the Police Services Manager.

Items of Interest

- **SOCIAL MEDIA AND KIDS:** During the month of February, there was a 'uptick' in the number of reported crimes involving social media platforms, primarily Snapchat and Instagram. Accounts were used to send inappropriate images created with Artificial Intelligence (AI) as means to bully other students. Some parents were proactive in having restrictions on their children's accounts which prevented dissemination of these images. It is recommended that parents monitor their children's social media as well as have discussions with them about what is and isn't appropriate content to post.
- **GUN SEIZURE:** On 2/13/2026, a Colusa PD officer made a traffic enforcement stop in the 1000 block of Bridge Street for a minor equipment violation. The driver, identified as Damien Madrigal, age 30 of Colusa, was found to be concealing 2 handguns in the vehicle, both of which weren't registered to him. Madrigal is also prohibited from possessing firearms. Madrigal was booked into the Colusa County Jail on weapons violations.
- **SCHOOL PATROL NOTES:** Please don't stop in the roadway and drop off your children. This is not only illegal but dangerous. Please pull to the curblane (not one painted red) or designated drop off/pick up area. **DO NOT BLOCK CROSSWALKS!** We are very fortunate to have Mel volunteering her time at Egling as a crossing guard. She keeps things moving at Webster and 8th Street which is greatly appreciated.



February's Monthly Report: Fire Department Monthly Report to City Council

Item 3.

Date: 03-11-2026

To: City Council Members

From: Logan Conley, Fire Chief

Subject: February Fire Department Report

2. Department Activities & Training:

- Conducted multiple fire safety inspections of businesses and public buildings, ensuring compliance with fire codes.
 - Routine checks and service were performed on all apparatus and equipment to ensure operational readiness.
-

3. Community Engagement & Public Education:

- Scheduled to participate in CHS Career Day on March 11th 2026
 - Fire personnel working with Colusa High School to put together a program to assist with recruitment and engagement opportunities for the Colusa Senior class.
 - Multiple senior citizens utilized the smoke detector installation program.
-

4. Staffing & Apparatus Updates:

- Currently, the department operates with 6 full-time and 19 volunteer firefighters, bringing our roster count to a total of 25 personnel.
- We currently have one Vacant F/F Position that has been filled by Per-Diem F/F's. Staffing the vacant position is an ongoing challenge due to a high turnover rate.
- Our primary Perdiem F/F is attending the 2026 CalFire Academy
- E551 – (2013) Type 1 pumper, first-out for all structural fires and rescue calls.
 - Replaced batteries and repaired driver seat sensors and seat pad.
- E561 – (2007) Type 1 pumper, second out for all structural fires and Rescue calls
 - Was out of service for 1 week due to air brake regulator malfunction; repairs were completed by F/F personnel. Was returned to service on 03-06-2026.
- E552 – (2002) Type 1 or 2 pumper, reserve unit, second-out for structure fire calls.
- E553 – (2009) Type 3 Wildland Urban Interface, first-out for grass/wildland fires.
 - Wheel hubs rebuilt on 01/27/2026.
- E556 – (2019) Type 6 quick attack, first-out for non-structural fire calls.
 - Scheduled to have transmission and transfer case inspected, 4WD slipping into gear intermittently while driving.
- T571 – (2020) BLS transport unit.
- T572 – (2007) BLS transport unit, reserve unit.
- C770 – (2018) Chief staff unit.
 - Tires replaced by a superior tire

5. Budget & Resource Needs:

- Ladder Truck – A new ladder truck is essential for firefighting, rescues, and elevated access during emergencies. In addition to improving response capabilities, this purchase ensures compliance with NFPA standards and helps maintain our ISO rating of 3.
 - Command Vehicle – The Fire Department’s current staff/command vehicle is a 2018 Ford Explorer with nearly 40,000 miles. While this mileage may be considered relatively low compared to civilian use, the vehicle’s engine and idle hours are significantly higher due to the operational demands of emergency services. Extended idling, use of onboard electronics, and high-frequency short trips place greater wear on the drivetrain, cooling, and electrical systems than traditional civilian use.
 - Automated External Defibrillators (AEDs) Our current AEDs, which are 10-15 years old, are units donated to us through county OES surplus. I am looking into grant funding through Colusa County OES to purchase AED units.
-

6. Goals:

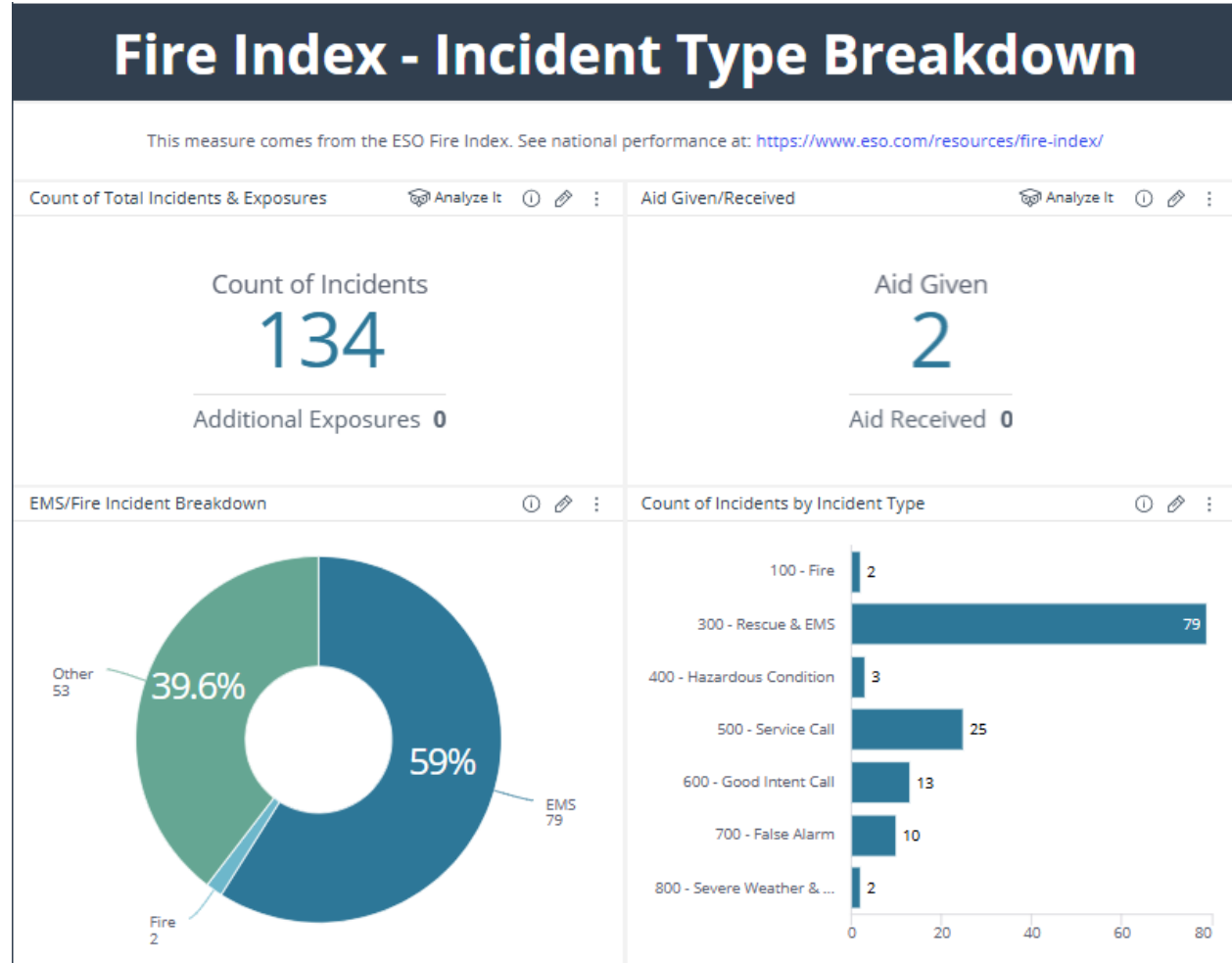
- Continue training efforts with a focus on EMS and Firefighting skills.
 - Prepare for the ISO audit planned for 2026
 - Evaluate and improve emergency response strategies for multi-story multifamily dwellings within the city.
-

NOTE: PLEASE SEE ATTACHMENT FOR FIRE INCIDENT TYPE BREAKDOWN.

Submitted,

Logan Conley
Fire Chief
Colusa Fire Department
Lconley@cityofcolusa.gov

ALARM DATE RANGE 01/01/2026 TO 03/11/2026



Code Enforcement Monthly Report**02/01/2026 to 02/28/2026****Total Alleged Violations: 6****Active: 0****Pending: 3****Compliance / Closed – 3 (Resolved in the field)****Complaints Received: 1 (via landline) / 0 (email portal) / 1 (In Person)****To Be Noted:** Numbers do not reflect proactive field findings

Letters Sent: 4**In the field findings:****Shopping Carts: (4) (Sav Mor / (0) Dollar General****Note: Business(es) advised to pick up carts as needed*****Continuous Parking 11-8(z), Wrong Side Parking 11-8 (e), Expired Vehicles 4000 (a)(1) / Alley Parking 11-8(b)*****Types of Violations:****Vehicle – Parking / Nuisance Junk -Overgrown Weeds – Fire Hazards / Business License / Building / Possible Illegal Dwelling*****Valentine's Day Vendors 02-12 through 02-14*****7 Total****4 Brought to Compliance, 3 Compliant****1 Food Vendor – Out of Compliance – Closed until proper permitting is met****Other Vendors****3 Out of Compliance – Closed until proper permitting is met - Licensing Required****Continuous Follow Ups Conducted Daily – *Compliance in Progress***

Training / Education

Continue Community & Resource Relations / Translating Codes & Ordinance(s) into Spanish while interacting with Hispanic Community / Retail Tobacco Enforcement Training - Department of Justice (DOJ) & Grass Valley PD / Region 1 Roundtable Common Trends in NorCal by Dept. of Cannabis Control (DCC) Compliance & Enforcement Branch & the California Association of Code Enforcement Officers (CACEO)

Notes:

Daily drive-bys / Compliance walkthroughs of Cannabis Locations (odor inspections) - Equipment Inspections / Cannabis Facility Walk Through's / Cannabis Partner relations / Continuous Research of relevant trainings / Attended Staff Meetings & Cohort-3 Cannabis Grant -Project Meetings





City of Colusa
Finance Department
Monthly Staff Report – February 2026

Accounts Payable

- Reviewed the Income and Expense statement for February 2026
- February 2026 Warrant Listing.
- 110 accounts payable checks processed.
- Staff training on AP functions cont'd

Payroll

- February regular Payroll and Strike Team Payroll
- Implement (3) regular salary increases
- Reconciliation of benefits accounts
- Staff training on Payroll function Cont'd.

Accounts Receivable

- Provide continued utility billing customer support.
- 2,178 utility bills mailed.
- (31) Bad checks processed.
- 1,652 payments processed (utilities, bldg. permits, recreation and pool, encroachment, business license, State and County payments, and boat launch fees).
- Boat Launch and State Park Payments
- Mailed backflow Notice letter
- 10 Building Permits – 26 new, 4 revision 50 inspection
- 173 Credit card Payments
- Addressed zoning questions, assisted the city Planner with questions and applications
- Tyler Cash postings
- Tyler Training in production and test env

City Hall - Customer Services

- 575 customers walk-ins.
- 155 utility late notices.
- 17 Water/Sewer shut off for non-payment.
- 6 open utility accounts & adjustments.
- 4 closed utility accounts.
- 379 received phone calls.

- 12Event/marque and banner applications processed.
- State Park Reservation & Revenue
- 9 public works service requests
- 14 Encroach Permit
- 4 Scout Cabin, 3 paid, 1 Non-profit
- 0 Meter Changes
- Certificate of Occupancy
- Use Permit
- 12 Business License transactions
- Fill in for the planning department as needed
- Organized, filed, and assisted customers with the building permits
- Assisted and processed new business licenses and renewal Licenses
- Karate, Thai Chi, Kick Boxing signups, Boat Launch Passes, DMV Pull Records, proofread the Rec Flyer, Basketball registration, Business Cards and addressed other issues
- Clean and maintain the City Hall several times

General Ledger

- Various correspondence with staff.
- Review the Income and Expenses
- Bank reconciliation.
- Staff training on General Ledger

Personnel - HR

- Sick leave and vacation leave accrual monthly report update.
- February 2026 MidAmerica retiree health insurance distribution.
- Workers' Compensation claims cont. d.
- Review NCCSIF monthly Workers' Compensation & Liability Reports.
- Provide retirement information to retirees and Public Works.
- Employee Income Verification (3).

Recreation Department

- Thi-Chi (Adult class), Karate (Adult and Kids), and Jujitsu and others are offered at the City Hall Auditorium
- Assisted with the Flyers for Recreational activities
- Updated program in What's Happening (monthly calendar)
- Assisted with the new recreation programs.
- Registration and payment received and posted for the Recreation program
- Tyler Meetings for the implementation of Park & Rec. Modules

CDBG-HOME

- Loan monitoring and correspondence.
- Extended HOME grant for one more year
- Devonshire apartments monitoring cont'd
- Home Loan compliance and reporting requirements
- Work on the process of closing the Micro-Enterprise loan grant and the quarterly report

Other

- Permit Survey Report
- Street Sweeping invoice and reconciliation
- Review and evaluate the utility Reports
- Input in MOMs
- Attend HDL meeting
- Attended Claim Committee and Executive Committee Meetings
- Coordinated and submitted correspondence on several grants
- Public record requests cont'd
- Schedule appointments for the Building Inspector
- Follow up with the customers on plans and permits
- Correspond on several different grants
- Review the water past due account
- Back Flow Letters and Notices addressed customers' questions
- Helped customers with zoning, city loans, rec programs, and Historic Preservation
- Bulk Water applications
- Quarterly and Monthly Reports for the Finance Dept. and the building dept.
- Ongoing meetings with Tyler Technology
- Self-Paced and online Tyler Trainings
- Prop 64 invoicing, SRF grants invoicing

Odor Complaints

Complaint period: January 2026

- (1) total complaints
- 1 Mushroom Smell
- Cannabis smell
- Other

Donations:

- Chad Ledger \$10 for T-Ball (Rec. Dept)



City of Colusa
Finance Department
Monthly Staff Report – January 2026

Accounts Payable

- Reviewed the Income and Expense statement for January 2026
- January 2026 Warrant Listing.
- 124 accounts payable checks processed.
- Staff training on AP functions cont'd

Payroll

- Prepare November salary allocation transfers.
- January regular Payroll and Strike Team Payroll
- Implement (7) regular salary increases
- Reconciliation of benefits accounts
- Staff training on Payroll function Cont'd.

Accounts Receivable

- Provide continued utility billing customer support.
- 2,178 utility bills mailed.
- (31) Bad checks processed.
- 1,700 payments processed (utilities, bldg. permits, recreation and pool, encroachment, business license, State and County payments, and boat launch fees).
- Boat Launch and State Park Payments
- Mailed backflow Notice letter
- 39 Building Permits – 26 new, 4 revision 50 inspection
- 189 Credit card Payments
- Addressed zoning questions, assisted the city Planner with questions and applications
- Tyler Cash postings
- Tyler Training in production and test env

City Hall - Customer Services

- 544 customers walk-ins.
- 158 utility late notices.
- 25 Water/Sewer shut off for non-payment.
- 4 open utility accounts & adjustments.
- 2 closed utility accounts.

- 369 received phone calls.
- 1 Event/marque and banner applications processed.
- State Park Reservation & Revenue
- 13 public works service requests
- 3 Encroach Permit
- 3 Scout Cabin, 2 paid, 1 Non-profit
- 12 Meter Changes
- Certificate of Occupancy
- Use Permit
- 33 Business License transactions
- Fill in for the planning department as needed
- Organized, filed, and assisted customers with the building permits
- Assisted and processed new business licenses and renewal Licenses
- Karate, Thai Chi, Kick Boxing signups, Boat Launch Passes, DMV Pull Records, proofread the Rec Flyer, Basketball registration, Business Cards and addressed other issues
- Clean and maintain the City Hall several times

General Ledger

- Various correspondence with staff.
- Review the Income and Expenses
- Bank reconciliation.
- Staff training on General Ledger

Personnel - HR

- Sick leave and vacation leave accrual monthly report update.
- January 2026 MidAmerica retiree health insurance distribution.
- Workers' Compensation claims cont. d.
- Review NCCSIF monthly Workers' Compensation & Liability Reports.
- Provide retirement information to retirees and Public Works.
- Employee Income Verification (1).

Recreation Department

- Thi-Chi (Adult class), Karate (Adult and Kids), and Jujitsu and others are offered at the City Hall Auditorium
- Assisted with the Flyers for Recreational activities
- Updated program in What's Happening (monthly calendar)
- Assisted with the new recreation programs.
- Registration and payment received and posted for the Recreation program

- Tyler Meetings for the implementation of Park & Rec. Modules

CDBG-HOME

- Loan monitoring and correspondence.
- Extended HOME grant for one more year
- Devonshire apartments monitoring cont'd
- Home Loan compliance and reporting requirements
- Work on the process of closing the Micro-Enterprise loan grant and the quarterly report

Other

- Permit Survey Report
- Street Sweeping invoice and reconciliation
- Review and evaluate the utility Reports
- Input in MOMs
- Attend HDL meeting
- Attended Claim Committee and Executive Committee Meetings
- Coordinated and submitted correspondence on several grants
- Public record requests cont'd
- Schedule appointments for the Building Inspector
- Follow up with the customers on plans and permits
- Correspond on several different grants
- Review the water past due account
- Back Flow Letters and Notices addressed customers' questions
- Helped customers with zoning, city loans, rec programs, and Historic Preservation
- Bulk Water applications
- Quarterly and Monthly Reports for the Finance Dept. and the building dept.
- Ongoing meetings with Tyler Technology
- Self-Paced and online Tyler Trainings
- Prop 64 invoicing, SRF grants invoicing

Odor Complaints

Complaint period: January 2026

- (0) total complaints
- Mushroom Smell
- Cannabis smell
- Other



CITY OF COLUSA
425 Webster Street
Colusa, CA 95932
(530) 458-4941
Fax: (530) 458-8674

ITEM FOR MARCH 17, 2026

To: Colusa City Council Members

Re: Treasurer's Report for month ending November, 2025

Please find the attached financial reports for your review. Based on the information provided to me by the finance department at the direction of the City Manager, I am only able to verify the cash accounts balances, LAIF balance, and petty cash balance as of November 30, 2025.

I have included a summary below:

Cash Accounts as of November 30, 2025:

Wells Fargo Checking Acct Public Funds (0028)	\$ 0.00
Wells Fargo Checking Acct Public Funds (7143)	\$ 30.35
Wells Fargo Sweep Account (0028)	\$ 1,691,359.29
Funds Pending Sweep	\$ (2,273.91)
Outstanding payables as presented	\$ (19,794.20)

City Investments:

Local Agency Investment Fund – CA State Controller – Interest Rate ____%	
Previous Balance	10,389,589.50
Interest earned for Quarter ending September, 2025	<u>113,484.78</u>
Balance as of November 30, 2025	10,503,074.28
Petty Cash as of November 30, 2025	500.00
Balance as presented as of November 30, 2025	<u>\$12,172,895.81</u>

Respectfully submitted,

Devin Kelley, City Treasurer

**CITY OF COLUSA, CALIFORNIA
BANK RECONCILIATION
FOR THE MONTH OF NOVEMBER 2025**

Bank Records:

Wells Fargo Bank Balance - November 30, 2025	\$ -
Wells Fargo (#7143)	\$ 30.35
WF Sweep Account Balance - November 30, 2025	1,691,359.29
Funds Pending Redemption- Sweep	(2,273.91)

ADD / SUBTRACT:

Outstanding Accounts Payable	(15,143.33)
Outstanding Payroll Payable	(4,650.87)

Reconciling Items:

-

Reconciled Checking Balance - Wells Fargo Bank - November 30, 2025	1,669,321.53
LAIF Balance - November 30, 2025	10,503,074.28
Petty Cash Balance - November 30, 2025	500.00

Total Reconciled Bank Balances - November 30, 2025**\$ 12,172,895.81****City Records (Post Journal Entries):**

10200 - Wells Fargo Bank Operating / USDA Loan Escrow	\$ 1,671,154.70
10300- Wells Fargo	\$ 30.35
10995 - LAIF	10,503,074.28
10100 - Petty Cash	500.00
Accounts Payable through Tyler	

Total Checking and LAIF	\$ 12,174,759.33
-------------------------	------------------

ADD / SUBTRACT:

Credit Card Deposits in MOMS - Not In Bank	(12,982.35)
Voided Check in Tyler not in MOM	9,666.00
Credit Card pmt in Bank- Not Posted in MOM	1,452.83

Total Reconciled Book Balance - November 30, 2025**\$ 12,172,895.81**



City of Colusa, CA

Payment Register

Item 7.

APPKT00046 - 1-6-2026

01 - Vendor Set 01

Bank: Wells Fargo AP - Wells Fargo AP

Vendor Number	Vendor Name					Total Vendor Amount
AFL01	AFLAC					1,341.64
Payment Type	Payment Number			Payment Date	Payment Amount	
Check	65531			01/06/2026	1,341.64	
Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount	
441534	SUPPLEMENTAL INSURANCE PREMIUMS	01/06/2026	01/06/2026	0.00	1,341.64	

Vendor Number	Vendor Name					Total Vendor Amount
AIR00	AIRGAS USA, LLC					287.75
Payment Type	Payment Number			Payment Date	Payment Amount	
Check	65532			01/06/2026	287.75	
Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount	
5521207282	OXYGEN / FIRE	01/06/2026	01/06/2026	0.00	287.75	

Vendor Number	Vendor Name					Total Vendor Amount
ALL05	ALLIANT NETWORKING SERVICES, INC.					2,529.00
Payment Type	Payment Number			Payment Date	Payment Amount	
Check	65533			01/06/2026	2,529.00	
Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount	
16370	MAINTENANCE AGREEMENT JAN 2026	01/06/2026	01/06/2026	0.00	2,529.00	

Vendor Number	Vendor Name					Total Vendor Amount
ALS00	ALSO GEYER IRRIGATION, INC					4.34
Payment Type	Payment Number			Payment Date	Payment Amount	
Check	65534			01/06/2026	4.34	
Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount	
3391989	6 CAMLOCK GASKET FOR STORM DRAIN / STREETS	01/06/2026	01/06/2026	0.00	4.34	

Vendor Number	Vendor Name					Total Vendor Amount
ARN01	ARNOLD'S					252.18
Payment Type	Payment Number			Payment Date	Payment Amount	
Check	65535			01/06/2026	252.18	
Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount	
204474	BATTERY, BIG POST / POLICE	01/06/2026	01/06/2026	0.00	252.18	

Vendor Number	Vendor Name					Total Vendor Amount
ATT04	AT&T MOBILITY					377.25
Payment Type	Payment Number			Payment Date	Payment Amount	
Check	65536			01/06/2026	377.25	
Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount	
1/6/2026	WIRELESS SERVICES / FIRE	01/06/2026	01/06/2026	0.00	377.25	

Vendor Number	Vendor Name					Total Vendor Amount
AUT00	AUTOZONE STORES LLC					13.42
Payment Type	Payment Number			Payment Date	Payment Amount	
Check	65537			01/06/2026	13.42	
Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount	
03710315882	EQUIPMENT MAINT. / STREETS	12/23/2025	12/23/2025	0.00	13.42	

Payment Register

APPKT0004 Item 7. 6

Vendor Number	Vendor Name					Total Vendor Amount
CEC00	CALIFORNIA ENGINEERING COMPANY, INC.					4,646.99
Payment Type	Payment Number	Payment Date	Payment Amount			
Check	65538	01/06/2026	4,646.99			
Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount	
12953	COLUSA TOWN CENTER DEV. PROJ.	01/06/2026	01/06/2026	0.00	3,268.73	
12994	WWTP LAND ANNEXATION	01/06/2026	01/06/2026	0.00	164.92	
13028	KITTLES ALLEYWAY DRAINAGE	01/06/2026	01/06/2026	0.00	1,213.34	
Vendor Number	Vendor Name					Total Vendor Amount
CIN00	CINTAS					227.33
Payment Type	Payment Number	Payment Date	Payment Amount			
Check	65539	01/06/2026	227.33			
Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount	
4253229334	LINEN MAINTENANCE: W/S	01/05/2026	01/05/2026	0.00	227.33	
Vendor Number	Vendor Name					Total Vendor Amount
CIV00	CIVICPLUS, LLC					843.15
Payment Type	Payment Number	Payment Date	Payment Amount			
Check	65540	01/06/2026	843.15			
Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount	
349392	FULL SERVICE SUPPLEMENTATION SUBSCRIPTION	01/06/2026	01/06/2026	0.00	843.15	
Vendor Number	Vendor Name					Total Vendor Amount
COL86	COLUSA COUNTY AIR POLLUTION CONTROL DIST					20.48
Payment Type	Payment Number	Payment Date	Payment Amount			
Check	65541	01/06/2026	20.48			
Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount	
20766	BURN PERMIT ADMIN FEE	01/06/2026	01/06/2026	0.00	20.48	
Vendor Number	Vendor Name					Total Vendor Amount
COL15	COLUSA COUNTY AUDITOR					25.00
Payment Type	Payment Number	Payment Date	Payment Amount			
Check	65542	01/06/2026	25.00			
Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount	
1/5/2025	PARKING VIOLATIO DEC 2025	01/06/2026	01/06/2026	0.00	25.00	
Vendor Number	Vendor Name					Total Vendor Amount
CPOA1	COLUSA POLICE ASSOCIATION					708.50
Payment Type	Payment Number	Payment Date	Payment Amount			
Check	65543	01/06/2026	708.50			
Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount	
1/6/2025	POLICE DUES	01/06/2026	01/06/2026	0.00	708.50	
Vendor Number	Vendor Name					Total Vendor Amount
COL32	COLUSA PROFESSIONAL					450.00
Payment Type	Payment Number	Payment Date	Payment Amount			
Check	65544	01/06/2026	450.00			
Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount	
1/6/2025	P/R LIAB - FIRE ASSOCIATION	01/06/2026	01/06/2026	0.00	450.00	
Vendor Number	Vendor Name					Total Vendor Amount
COM08	COMCAST					125.02
Payment Type	Payment Number	Payment Date	Payment Amount			
Check	65545	01/06/2026	125.02			
Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount	
1/6/2025	INTERNET SERVICES / FIRE	01/06/2026	01/06/2026	0.00	125.02	

Payment Register

APPKT0004 Item 7. 6

Vendor Number	Vendor Name						Total Vendor Amount
COM06	COMPUTER LOGISTICS						1,109.69
Payment Type	Payment Number						Payment Date Payment Amount
Check	65546						01/06/2026 1,109.69
Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount		
86695	CLOUD SOFTWARE SERVICES BILLING DEC 2025	01/06/2026	01/06/2026	0.00	288.56		
86761	MONTHLY BILLING FOR JANUARY 2026 / POLICE	01/06/2026	01/06/2026	0.00	532.57		
86770	CLOUD SOFTWARE SERVICES BILLING JANAURY 2026	01/06/2026	01/06/2026	0.00	288.56		
Vendor Number	Vendor Name						Total Vendor Amount
COR01	CORBIN WILLITS SYSTEMS IN						1,036.14
Payment Type	Payment Number						Payment Date Payment Amount
Check	65547						01/06/2026 1,036.14
Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount		
000C51251	ENHANCEMENT & SERVICES FEES	01/06/2026	01/06/2026	0.00	1,036.14		
Vendor Number	Vendor Name						Total Vendor Amount
JAC00	DAVID JACKSON						90.80
Payment Type	Payment Number						Payment Date Payment Amount
Check	65548						01/06/2026 90.80
Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount		
1/6/2025	TRAINING & TRAVEL REIMBURSEMENT / POLICE	01/06/2026	01/06/2026	0.00	90.80		
Vendor Number	Vendor Name						Total Vendor Amount
DEP01	DEPARTMENT OF JUSTICE						52.00
Payment Type	Payment Number						Payment Date Payment Amount
Check	65549						01/06/2026 52.00
Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount		
PO 64364	CCW RENEWAL PERMITS / POLICE	01/06/2026	01/06/2026	0.00	52.00		
Vendor Number	Vendor Name						Total Vendor Amount
COLA5	DERODA INC.						1,803.05
Payment Type	Payment Number						Payment Date Payment Amount
Check	65550						01/06/2026 1,803.05
Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount		
142847	TRICO FORCE BLADE / POLICE	01/06/2026	01/06/2026	0.00	45.20		
142852	6 MONTH WATTERY BATTERY / SEWER	12/23/2025	12/23/2025	0.00	249.50		
142858	WARRANTY BATTERY / POLICE	01/06/2026	01/06/2026	0.00	25.59		
142980	BATTERY PROTECT / STREETS	01/05/2026	01/05/2026	0.00	47.60		
143009	EQUIPMENT MAINT. / SEWER	01/05/2026	01/05/2026	0.00	35.87		
143148	BATTERY DIRECTIONAL & LIGHTING / STREETS	01/05/2026	01/05/2026	0.00	395.69		
143274	BATTERY/CABLE ADAPTERS / SEWER	12/23/2025	12/23/2025	0.00	221.05		
143280	1 YR WTY BATTERY: W/S	12/23/2025	12/23/2025	0.00	782.55		
Vendor Number	Vendor Name						Total Vendor Amount
FID01	FIDELITY SECURITY LIFE INSURANCE CO.						608.07
Payment Type	Payment Number						Payment Date Payment Amount
Check	65551						01/06/2026 608.07
Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount		
167125090	VISION INSURANCE PREMIUMS COVERAGE	01/06/2026	01/06/2026	0.00	608.07		
Vendor Number	Vendor Name						Total Vendor Amount
FRA02	FRANCHISE TAX BOARD						600.00
Payment Type	Payment Number						Payment Date Payment Amount
Check	65552						01/06/2026 600.00
Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount		
01/05/2025	PAYROLL GARNISHMENT	01/06/2026	01/06/2026	0.00	100.00		
1/6/2025	PAYROLL GARNISHMENT	01/06/2026	01/06/2026	0.00	500.00		

Payment Register

APPKT0004 Item 7. 6

Vendor Number MES00	Vendor Name GEORGE L. MESSICK CO.					Total Vendor Amount 107.09
Payment Type Check	Payment Number 65553			Payment Date 01/06/2026	Payment Amount 107.09	
Payable Number 651142/1	Description BASIC PLUMBING TORCH KIT / WATER	Payable Date 01/05/2026	Due Date 01/05/2026	Discount Amount 0.00	Payable Amount 58.00	
654566/1	CLEANING SUPPLIES, SCREWDRIVER / CITY HALL	01/05/2026	01/05/2026	0.00	49.09	
Vendor Number HDL00	Vendor Name Hinderliter,de Llamas & Associates					Total Vendor Amount 1,474.47
Payment Type Check	Payment Number 65554			Payment Date 01/06/2026	Payment Amount 1,474.47	
Payable Number SIN057017	Description CONTRACT SERVICES- SALES TAX (OCT-DEC 2025)	Payable Date 01/06/2026	Due Date 01/06/2026	Discount Amount 0.00	Payable Amount 1,474.47	
Vendor Number INT13	Vendor Name INTERNATIONAL MAILING EQUIPMENT, INC.					Total Vendor Amount 76.02
Payment Type Check	Payment Number 65555			Payment Date 01/06/2026	Payment Amount 76.02	
Payable Number IN13623	Description SEALING SOLUTION GALLON (2)	Payable Date 01/06/2026	Due Date 01/06/2026	Discount Amount 0.00	Payable Amount 76.02	
Vendor Number QUI03	Vendor Name JORGE QUINTANA					Total Vendor Amount 200.00
Payment Type Check	Payment Number 65556			Payment Date 01/06/2026	Payment Amount 200.00	
Payable Number 1/6/2025	Description REIMBURSEMENT OF SCOUT CAIN DEPOSIT 12/20/2025	Payable Date 01/06/2026	Due Date 01/06/2026	Discount Amount 0.00	Payable Amount 200.00	
Vendor Number MUN01	Vendor Name JOSE MUNOZ					Total Vendor Amount 200.00
Payment Type Check	Payment Number 65557			Payment Date 01/06/2026	Payment Amount 200.00	
Payable Number 1/6/2026	Description SCOUT CABIN DEPOSIT REIMBURSEMENT 12/13/2025	Payable Date 01/06/2026	Due Date 01/06/2026	Discount Amount 0.00	Payable Amount 200.00	
Vendor Number CER00	Vendor Name LAURA CERVANTES					Total Vendor Amount 200.00
Payment Type Check	Payment Number 65558			Payment Date 01/06/2026	Payment Amount 200.00	
Payable Number 1/6/2026	Description REIMBURSEMENT OF SCOUT CABIN DEPOSIT 12/19/2025	Payable Date 01/06/2026	Due Date 01/06/2026	Discount Amount 0.00	Payable Amount 200.00	
Vendor Number LJF00	Vendor Name LJ FARMS					Total Vendor Amount 630.00
Payment Type Check	Payment Number 65559			Payment Date 01/06/2026	Payment Amount 630.00	
Payable Number 2256	Description GARBAGE TRUCK FROM OROVILLE TO COLUSA	Payable Date 01/06/2026	Due Date 01/06/2026	Discount Amount 0.00	Payable Amount 630.00	
Vendor Number MET00	Vendor Name MetLife Investors					Total Vendor Amount 1,750.00
Payment Type Check	Payment Number 65560			Payment Date 01/06/2026	Payment Amount 1,750.00	
Payable Number 1/6/2025	Description EMPLOYEE DEFERRED COMP PAYROLL DEDUCTIONS	Payable Date 01/06/2026	Due Date 01/06/2026	Discount Amount 0.00	Payable Amount 1,750.00	

Payment Register

APPKT0004 Item 7. 6

Vendor Number NCC02	Vendor Name NCCSIF TREASURER					Total Vendor Amount 42,364.00
Payment Type Check	Payment Number 65561	Payable Number 3071	Description WORKERS COMPENSATION ADMIN.	Payable Date 01/06/2026	Due Date 01/06/2026	Payment Date 01/06/2026
						Payment Amount 42,364.00
					Discount Amount 0.00	Payable Amount 42,364.00
Vendor Number PGE01	Vendor Name PACIFIC GAS AND ELECTRIC					Total Vendor Amount 63,495.40
Payment Type Check	Payment Number 65562	Payable Number 1/6/2025	Description UTILITIES	Payable Date 01/06/2026	Due Date 01/06/2026	Payment Date 01/06/2026
						Payment Amount 63,495.40
					Discount Amount 0.00	Payable Amount 63,495.40
Vendor Number PAC03	Vendor Name PACIFIC STORAGE COMPANY					Total Vendor Amount 57.12
Payment Type Check	Payment Number 65563	Payable Number 5291494	Description SERVICE 64 GAL TOTE / POLICE	Payable Date 01/06/2026	Due Date 01/06/2026	Payment Date 01/06/2026
						Payment Amount 57.12
					Discount Amount 0.00	Payable Amount 57.12
Vendor Number PET01	Vendor Name PETTY CASH					Total Vendor Amount 224.05
Payment Type Check	Payment Number 65564	Payable Number 01/05/2026	Description PETTY CASH RECEIPTS	Payable Date 01/05/2026	Due Date 01/05/2026	Payment Date 01/06/2026
						Payment Amount 224.05
					Discount Amount 0.00	Payable Amount 224.05
Vendor Number PRE03	Vendor Name PREMIER ACCESS INSURANCE COMPANY					Total Vendor Amount 6,304.31
Payment Type Check	Payment Number 65565	Payable Number 3285014	Description DENTAL INSURANCE PREMIUMS	Payable Date 01/06/2026	Due Date 01/06/2026	Payment Date 01/06/2026
						Payment Amount 6,304.31
					Discount Amount 0.00	Payable Amount 6,304.31
Vendor Number QUI01	Vendor Name QUILL CORPORATION					Total Vendor Amount 96.26
Payment Type Check	Payment Number 65566	Payable Number 46907195	Description REWARDS + ANNUAL MEMBERSHIP / POLICE	Payable Date 01/06/2026	Due Date 01/06/2026	Payment Date 01/06/2026
						Payment Amount 96.26
					Discount Amount 0.00	Payable Amount 76.11
					Discount Amount 0.00	Payable Amount 20.15
Vendor Number MAR03	Vendor Name SARA MARTIN					Total Vendor Amount 1,575.00
Payment Type Check	Payment Number 65567	Payable Number 1/6/2025	Description FBINA ACADEMY REIMBURSEMENT	Payable Date 01/06/2026	Due Date 01/06/2026	Payment Date 01/06/2026
						Payment Amount 1,575.00
					Discount Amount 0.00	Payable Amount 1,575.00
Vendor Number SIE01	Vendor Name SIERRA CENTRAL CREDIT UNION					Total Vendor Amount 250.00
Payment Type Check	Payment Number 65568	Payable Number 1/6/2025	Description P/R LIAB - CREDIT UNION	Payable Date 01/06/2026	Due Date 01/06/2026	Payment Date 01/06/2026
						Payment Amount 250.00
					Discount Amount 0.00	Payable Amount 250.00

Payment Register

APPKT0004 Item 7. 6

Vendor Number STA17	Vendor Name STATE DISBURSEMENT UNIT					Total Vendor Amount 61.00	
Payment Type Check	Payment Number 65569					Payment Date 01/06/2026	Payment Amount 61.00
Payable Number 1/6/2025	Description COURT ORDERED CHILD SUPPORT WITHHOLDING	Payable Date 01/06/2026	Due Date 01/06/2026	Discount Amount 0.00	Payable Amount 61.00		
Vendor Number SUP01	Vendor Name SUPERIOR TIRE SERVICE					Total Vendor Amount 519.61	
Payment Type Check	Payment Number 65570					Payment Date 01/06/2026	Payment Amount 519.61
Payable Number 318464	Description EQUIPMENT MAINT. / STREETS	Payable Date 12/23/2025	Due Date 12/23/2025	Discount Amount 0.00	Payable Amount 293.64		
Payable Number 318497	Description 1 NEW TIRE FOR DJ'S TRUCK / STREETS	Payable Date 12/23/2025	Due Date 12/23/2025	Discount Amount 0.00	Payable Amount 225.97		
Vendor Number SWR02	Vendor Name SWRCB-WASTEWATER OPERATOR CERTIFICATION					Total Vendor Amount 135.00	
Payment Type Check	Payment Number 65571					Payment Date 01/06/2026	Payment Amount 135.00
Payable Number 01/05/2025	Description TREATMENT CERTIFICATION GRADE T2 / SEWER	Payable Date 01/05/2026	Due Date 01/05/2026	Discount Amount 0.00	Payable Amount 135.00		
Vendor Number HAR04	Vendor Name THE HARTFORD					Total Vendor Amount 534.65	
Payment Type Check	Payment Number 65572					Payment Date 01/06/2026	Payment Amount 534.65
Payable Number 239690927272	Description LIFE INSURANCE PREMIUM	Payable Date 01/06/2026	Due Date 01/06/2026	Discount Amount 0.00	Payable Amount 534.65		
Vendor Number TIM00	Vendor Name TIM GANGL WEB DEVELOPMENT					Total Vendor Amount 1,100.01	
Payment Type Check	Payment Number 65573					Payment Date 01/06/2026	Payment Amount 1,100.01
Payable Number 015-COLUSA	Description UPDATED WEBSITE & EDITS	Payable Date 01/06/2026	Due Date 01/06/2026	Discount Amount 0.00	Payable Amount 1,100.01		
Vendor Number TYL00	Vendor Name TYLER TECHNOLOGIES, INC					Total Vendor Amount 7,358.75	
Payment Type Check	Payment Number 65574					Payment Date 01/06/2026	Payment Amount 7,358.75
Payable Number 025-537471	Description ERP PRO FINANCIALS (ARPA)	Payable Date 01/06/2026	Due Date 01/06/2026	Discount Amount 0.00	Payable Amount 7,358.75		
Vendor Number USP01	Vendor Name U. S. POST OFFICE					Total Vendor Amount 370.00	
Payment Type Check	Payment Number 65575					Payment Date 01/06/2026	Payment Amount 370.00
Payable Number 1/6/2026	Description FIRST-CLASS PRESORT	Payable Date 01/06/2026	Due Date 01/06/2026	Discount Amount 0.00	Payable Amount 370.00		
Vendor Number USA01	Vendor Name USA BLUEBOOK					Total Vendor Amount 4,712.77	
Payment Type Check	Payment Number 65576					Payment Date 01/06/2026	Payment Amount 4,712.77
Payable Number INV00898345	Description BUILDING MAINT. / SEWER	Payable Date 12/23/2025	Due Date 12/23/2025	Discount Amount 0.00	Payable Amount 333.31		
Payable Number INV00898403	Description BUILDING MAINT. / SEWER	Payable Date 12/23/2025	Due Date 12/23/2025	Discount Amount 0.00	Payable Amount 29.31		
Payable Number INV00907015	Description PHASE SIMPLEX PUMP PANEL / SEWER	Payable Date 01/05/2026	Due Date 01/05/2026	Discount Amount 0.00	Payable Amount 3,738.88		
Payable Number INV00908125	Description INVERTED PAINTS / SEWER	Payable Date 01/05/2026	Due Date 01/05/2026	Discount Amount 0.00	Payable Amount 611.27		

Payment Register

APPKT0004 Item 7. 6

Vendor Number	Vendor Name	Total Vendor Amount			
VER00	VERIZON WIRELESS	1,359.33			
Payment Type	Payment Number	Payment Date	Payment Amount		
Check	65577	01/06/2026	1,359.33		
Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
6131221141	CITY CELL PHONES	01/06/2026	01/06/2026	0.00	1,359.33
Vendor Number	Vendor Name	Total Vendor Amount			
WAV00	WAVE TECHNOLOGIES	1,088.64			
Payment Type	Payment Number	Payment Date	Payment Amount		
Check	65578	01/06/2026	1,088.64		
Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
DG-7296	CITY PHONE SERVICES	01/06/2026	01/06/2026	0.00	1,088.64
Vendor Number	Vendor Name	Total Vendor Amount			
XER00	XEROX CORPORATIONS	828.69			
Payment Type	Payment Number	Payment Date	Payment Amount		
Check	65579	01/06/2026	828.69		
Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
41404524	COPIER LEASE PAYMENT	01/06/2026	01/06/2026	0.00	828.69

Payment Register

Payment Summary

Bank Code	Type	Payable Count	Payment Count	Discount	Payment
Wells Fargo AP	Check	67	49	0.00	154,223.97
Packet Totals:		67	49	0.00	154,223.97

Cash Fund Summary

Fund	Name	Amount
998	POOLED CASH	-154,223.97
Packet Totals:		-154,223.97



City of Colusa, CA

Payment Register

Item 7.

APPKT00058 - PYPKT00017 - 1-31-2026 Reg. payroll
01 - Vendor Set 01

Bank: Wells Fargo AP - Wells Fargo AP

Vendor Number	Vendor Name	Total Vendor Amount			
CAL49	California State Controllers Office	10,807.09			
Payment Type	Payment Number	Payment Date	Payment Amount		
Bank Draft	DFT0000010	01/27/2026	10,807.09		
Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
INV0000022	State Income Tax Withholding	01/27/2026	01/27/2026	0.00	10,807.09

Vendor Number	Vendor Name	Total Vendor Amount			
DEP20	DEPARTMENT OF THE TREASURY	70,114.40			
Payment Type	Payment Number	Payment Date	Payment Amount		
Bank Draft	DFT0000008	01/27/2026	38,448.72		
Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
INV0000020	Social Security	01/27/2026	01/27/2026	0.00	38,448.72
Bank Draft	DFT0000009	01/27/2026	22,673.58		
Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
INV0000021	Federal WH	01/27/2026	01/27/2026	0.00	22,673.58
Bank Draft	DFT0000011	01/27/2026	8,992.10		
Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
INV0000023	Medicare WH	01/27/2026	01/27/2026	0.00	8,992.10

Vendor Number	Vendor Name	Total Vendor Amount			
PER01	PERS (HEALTH)	76,383.54			
Payment Type	Payment Number	Payment Date	Payment Amount		
Bank Draft	DFT0000006	01/27/2026	76,383.54		
Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
INV0000007	Health Insurance	01/27/2026	01/27/2026	0.00	76,383.54

Vendor Number	Vendor Name	Total Vendor Amount			
PER02	PERS (RETIREMENT)	60,533.75			
Payment Type	Payment Number	Payment Date	Payment Amount		
Bank Draft	DFT0000007	01/27/2026	60,533.75		
Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
INV0000016	PERS RETIREMENT	01/27/2026	01/27/2026	0.00	60,533.75

Payment Summary

Bank Code	Type	Payable Count	Payment Count	Discount	Payment
Wells Fargo AP	Manual Bank Draft	6	6	0.00	217,838.78
Packet Totals:		6	6	0.00	217,838.78

Cash Fund Summary

Fund	Name	Amount
998	POOLED CASH	-217,838.78
Packet Totals:		-217,838.78



City of Colusa, CA

Payment Register

Item 7.

APPKT00060 - 1-31-2026 ap-py

01 - Vendor Set 01

Bank: Wells Fargo AP - Wells Fargo AP

Vendor Number	Vendor Name					Total Vendor Amount
AFL01	AFLAC					1,341.64
Payment Type	Payment Number			Payment Date	Payment Amount	
Check	65706			02/03/2026	1,341.64	
Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount	
INV0000014	AFLAC PRETAX	01/27/2026	01/27/2026	0.00	1,144.56	
INV0000015	AFLAC -EMP. PAID	01/27/2026	01/27/2026	0.00	197.08	

Vendor Number	Vendor Name					Total Vendor Amount
CPOA1	COLUSA POLICE ASSOCIATION					708.50
Payment Type	Payment Number			Payment Date	Payment Amount	
Check	65707			02/03/2026	708.50	
Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount	
INV0000011	CPOA DUES	01/27/2026	01/27/2026	0.00	708.50	

Vendor Number	Vendor Name					Total Vendor Amount
COL32	COLUSA PROFESSIONAL					450.00
Payment Type	Payment Number			Payment Date	Payment Amount	
Check	65708			02/03/2026	450.00	
Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount	
INV0000012	FIREFIGHTER DUES	01/27/2026	01/27/2026	0.00	450.00	

Vendor Number	Vendor Name					Total Vendor Amount
FID01	FIDELITY SECURITY LIFE INSURANCE CO.					690.39
Payment Type	Payment Number			Payment Date	Payment Amount	
Check	65709			02/03/2026	690.39	
Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount	
INV0000010	Vision Insurance	01/27/2026	01/27/2026	0.00	690.39	

Vendor Number	Vendor Name					Total Vendor Amount
FRA02	FRANCHISE TAX BOARD					600.00
Payment Type	Payment Number			Payment Date	Payment Amount	
Check	65710			02/03/2026	600.00	
Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount	
INV0000018	EARNING WITHHOLDINGS	01/27/2026	01/27/2026	0.00	500.00	
INV0000019	EARNING WITHHOLDINGS	01/27/2026	01/27/2026	0.00	100.00	

Vendor Number	Vendor Name					Total Vendor Amount
MET00	MetLife Investors					1,750.00
Payment Type	Payment Number			Payment Date	Payment Amount	
Check	65711			02/03/2026	1,750.00	
Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount	
INV0000013	Def. Comp	01/27/2026	01/27/2026	0.00	1,750.00	

Vendor Number	Vendor Name					Total Vendor Amount
PRE03	PREMIER ACCESS INSURANCE COMPANY					8,572.51
Payment Type	Payment Number			Payment Date	Payment Amount	
Check	65712			02/03/2026	8,572.51	
Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount	
INV0000008	Dental Insurance	01/27/2026	01/27/2026	0.00	8,572.51	

Payment Register

APPKT00060 - 1-3-Item 7.y

Vendor Number	Vendor Name						Total Vendor Amount	
SIE01	SIERRA CENTRAL CREDIT UNION						250.00	
Payment Type	Payment Number						Payment Date	Payment Amount
Check	65713						02/03/2026	250.00
Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount			
2/3/2026	P/R LIAB - CREDIT UNION	02/03/2026	02/03/2026	0.00	250.00			
Vendor Number	Vendor Name						Total Vendor Amount	
STA17	STATE DISBURSEMENT UNIT						61.00	
Payment Type	Payment Number						Payment Date	Payment Amount
Check	65714						02/03/2026	61.00
Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount			
INV0000017	Child Support	01/27/2026	01/27/2026	0.00	61.00			
Vendor Number	Vendor Name						Total Vendor Amount	
HAR04	THE HARTFORD						635.80	
Payment Type	Payment Number						Payment Date	Payment Amount
Check	65715						02/03/2026	635.80
Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount			
INV0000009	Life Insurance	01/27/2026	01/27/2026	0.00	635.80			

Payment Register

Payment Summary

Bank Code	Type	Payable Count	Payment Count	Discount	Payment
Wells Fargo AP	Check	12	10	0.00	15,059.84
Packet Totals:		12	10	0.00	15,059.84

Cash Fund Summary

Fund	Name	Amount
998	POOLED CASH	-15,059.84
Packet Totals:		-15,059.84



City of Colusa, CA

Payment Register

Item 7.

APPKT00051 - 01-20-26

Bank: Wells Fargo AP - Wells Fargo AP

Vendor Number	Vendor Name	Total Vendor Amount
	Void	0.00
Payment Type	Payment Number	Payment Date
**Void Check	65612	01/20/2026
		0.00

Vendor Number	Vendor Name					Total Vendor Amount
COR02	ABIGAIL KAY CORONADO					324.00
Payment Type	Payment Number				Payment Date	Payment Amount
Check	65580				01/20/2026	324.00
Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount	
1/15/2026	REF, OPEN GYM STAFF FOR BASKETBALL / REC	01/15/2026	01/15/2026	0.00	324.00	

Vendor Number	Vendor Name					Total Vendor Amount
ALP00	ALPINE PORTABLE TOILET SERVICES					940.27
Payment Type	Payment Number			Payment Date	Payment Amount	
Check	65581			01/20/2026	940.27	
Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount	
40712	PORTABLE TOILET RENTAL 8/26/2025 / ADMIN SVCS	01/20/2026	01/20/2026	0.00	329.99	
43391	12/5/2025 OLD TIME IN COLUSA / ECON. DEV.	01/15/2026	01/15/2026	0.00	610.28	

Vendor Number	Vendor Name					Total Vendor Amount
CHE09	AMARJIT CHEEMA					720,178.60
Payment Type	Payment Number				Payment Date	Payment Amount
Check	65582				01/20/2026	720,178.60
Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount	
26-3631	COLUSA TOWN CENTER OFFSITE IMPROVEMENTS	01/20/2026	01/20/2026	0.00	720,178.60	

Vendor Number	Vendor Name					Total Vendor Amount
ARN01	ARNOLD'S					69.42
Payment Type	Payment Number				Payment Date	Payment Amount
Check	65583				01/20/2026	69.42
Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount	
204743	BK52 PULLEY / PARKS	01/13/2026	01/13/2026	0.00	69.42	

Vendor Number	Vendor Name					Total Vendor Amount
ASC00	ASCAP					458.00
Payment Type	Payment Number				Payment Date	Payment Amount
Check	65584				01/20/2026	458.00
Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount	
1/12/2026	LICENSE FEE RENEWAL / REC	01/12/2026	01/12/2026	0.00	458.00	

Vendor Number	Vendor Name					Total Vendor Amount
ATT03	AT&T					6.78
Payment Type	Payment Number				Payment Date	Payment Amount
Check	65585				01/20/2026	6.78
Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount	
0000024593685	CAL NET DOJ / POLICE	01/13/2026	01/13/2026	0.00	6.78	

Vendor Number	Vendor Name					Total Vendor Amount
AUB00	AUBURN CONSTRUCTORS, LLC					216,470.79
Payment Type	Payment Number				Payment Date	Payment Amount
Check	65586				01/20/2026	216,470.79
Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount	
1/20/2026	APPLICATION 15 RECYCLED WATER SYSTEM UPGRADES	01/20/2026	01/20/2026	0.00	124,598.34	

Payment Register

APPKT0005 Item 7. 6[1/20/26](#)

APPLICATION 14 RECYCLED WATER SYSTEM UPGRADES

01/20/2026

01/20/2026

0.00

91,872.45

Vendor Number	Vendor Name	Total Vendor Amount
AXO00	AXON ENTERPRISE, INC	42,090.27

Payment Type	Payment Number	Payment Date	Payment Amount
Check	65587	01/20/2026	42,090.27

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
INUS280806	2021 TASER 7 CERTIFICATION BUNDLE & CORE	01/15/2026	01/15/2026	0.00	16,977.39
INUS319418	BUNDLE 7 CERT. & TASER 7 HOLSTER / POLICE	01/15/2026	01/15/2026	0.00	283.71
INUS373092	PRO LICENSE BUNDLE	01/15/2026	01/15/2026	0.00	424.36
INUS377627	2021 CORE + / POLICE	01/15/2026	01/15/2026	0.00	16,979.87
INUS378170	PRO LICENSE BUNDLE & TASER CERT. CAMERA BUNDLE	01/15/2026	01/15/2026	0.00	7,424.94

Vendor Number	Vendor Name	Total Vendor Amount
BFS00	BFS PRINTING	134.37

Payment Type	Payment Number	Payment Date	Payment Amount
Check	65588	01/20/2026	134.37

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
12021	BUSINESS CARDS FOR NEWBRIAN	01/13/2026	01/13/2026	0.00	134.37

Vendor Number	Vendor Name	Total Vendor Amount
COR12	BODEN CORONADO	69.00

Payment Type	Payment Number	Payment Date	Payment Amount
Check	65589	01/20/2026	69.00

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
1/14/2026	REF FOR BASKETBALL / REC	01/14/2026	01/14/2026	0.00	69.00

Vendor Number	Vendor Name	Total Vendor Amount
MIT00	BRANDON PAUL MITCHELL	200.00

Payment Type	Payment Number	Payment Date	Payment Amount
Check	65590	01/20/2026	200.00

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
1/13/2026	BOOT REIMBURSEMENT: W/S	01/13/2026	01/13/2026	0.00	200.00

Vendor Number	Vendor Name	Total Vendor Amount
CAL39	CALIFORNIA BLDG STANDARDS COMMISSION	60.30

Payment Type	Payment Number	Payment Date	Payment Amount
Check	65591	01/20/2026	60.30

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
1/13/2026	BUILDING STANDARDS ADM. OCT-DEC 2025	01/13/2026	01/13/2026	0.00	60.30

Vendor Number	Vendor Name	Total Vendor Amount
CAL50	CALIFORNIA DEPT. OF TAX AND FEE ADMIN.	4,410.00

Payment Type	Payment Number	Payment Date	Payment Amount
Check	65592	01/20/2026	4,410.00

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
1/14/2025	SALES AND USE TAX 2026	01/14/2026	01/14/2026	0.00	4,410.00

Vendor Number	Vendor Name	Total Vendor Amount
CAL09	CALIFORNIA MUNICIPAL CLERKS ASSOCIATION	75.00

Payment Type	Payment Number	Payment Date	Payment Amount
Check	65593	01/20/2026	75.00

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
200004860	EDUCATION WORKSHOP (5/23/2025) S. KITTLE	01/15/2026	01/15/2026	0.00	75.00

Vendor Number	Vendor Name	Total Vendor Amount
CIN00	CINTAS	1,458.51

Payment Type	Payment Number	Payment Date	Payment Amount
Check	65594	01/20/2026	1,458.51

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
4253229534	LINEN MAINTENANCE	01/12/2026	01/12/2026	0.00	188.71
4254157154	LINEN MAINTENANCE	01/12/2026	01/12/2026	0.00	162.93

Payment Register

APPKT0005

Item 7.

6

4254157626	LINEN MAINTENANCE	01/12/2026	01/12/2026	0.00	148.48
4254753948	LINEN MAINTENANCE	01/12/2026	01/12/2026	0.00	162.93
4254754332	LINEN MAINTENANCE	01/12/2026	01/12/2026	0.00	148.48
4255447646	LINEN MAINTENANCE: W/S	01/12/2026	01/12/2026	0.00	162.93
4255447974	LINEN MAINTENANCE	01/12/2026	01/12/2026	0.00	172.64
4256206129	LINEN MAINTENANCE: W/S	01/14/2026	01/14/2026	0.00	162.93
4256206333	LINEN MAINTENANCE	01/14/2026	01/14/2026	0.00	148.48

Vendor Number	Vendor Name	Total Vendor Amount
CIT08	CITY OF YUBA CITY	2,818.00

Payment Type	Payment Number	Payment Date	Payment Amount
Check	65595	01/20/2026	2,818.00

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
34816	TESTING / SEWER	01/12/2026	01/12/2026	0.00	66.00
34817	TESTING / SEWER	01/12/2026	01/12/2026	0.00	66.00
34829	TESTING / SEWER	01/12/2026	01/12/2026	0.00	434.00
34837	TESTING / SEWER	01/12/2026	01/12/2026	0.00	66.00
34839	TESTING / SEWER	01/12/2026	01/12/2026	0.00	66.00
34846	TESTING / SEWER	01/12/2026	01/12/2026	0.00	66.00
34885	TESTING / WATER	01/12/2026	01/12/2026	0.00	52.00
34886	TESTING / SEWER	01/12/2026	01/12/2026	0.00	211.00
34895	TESTING / SEWER	01/12/2026	01/12/2026	0.00	66.00
34898	TESTING / SEWER	01/12/2026	01/12/2026	0.00	66.00
34901	TESTING / WATER	01/12/2026	01/12/2026	0.00	104.00
34902	TESTING / SEWER	01/12/2026	01/12/2026	0.00	434.00
34915	TESTING / SEWER	01/12/2026	01/12/2026	0.00	315.00
34916	TESTING / WATER	01/12/2026	01/12/2026	0.00	104.00
34917	TESTING / SEWER	01/12/2026	01/12/2026	0.00	66.00
34932	TESTING / SEWER	01/12/2026	01/12/2026	0.00	66.00
34937	TESTING / SEWER	01/12/2026	01/12/2026	0.00	66.00
34940	TESTING / WATER	01/12/2026	01/12/2026	0.00	104.00
34945	TESTING / SEWER	01/12/2026	01/12/2026	0.00	211.00
34947	TESTING / SEWER	01/12/2026	01/12/2026	0.00	189.00

Vendor Number	Vendor Name	Total Vendor Amount
CLO03	CLOSE LUMBER INC.	278.05

Payment Type	Payment Number	Payment Date	Payment Amount
Check	65596	01/20/2026	278.05

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
2512-161526	EQUIPMENT MAINTENANCE / PARKS	01/15/2026	01/15/2026	0.00	278.05

Vendor Number	Vendor Name	Total Vendor Amount
BEC00	CODY BECKLEY'S BOATWORKS	351.00

Payment Type	Payment Number	Payment Date	Payment Amount
Check	65597	01/20/2026	351.00

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
INV0579	SERVICE OUTBOARD 4 STROKE / FIRE	01/12/2026	01/12/2026	0.00	351.00

Vendor Number	Vendor Name	Total Vendor Amount
COL16	COLUSA INDIAN HEALTH CLINIC	171.00

Payment Type	Payment Number	Payment Date	Payment Amount
Check	65598	01/20/2026	171.00

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
1/12/2026	ANNUAL PHYSICAL + INSTANT DRUG SCREEN	01/12/2026	01/12/2026	0.00	171.00

Vendor Number	Vendor Name	Total Vendor Amount
DAT03	DATCO SERVICE CORPORATION	525.60

Payment Type	Payment Number	Payment Date	Payment Amount
Check	65599	01/20/2026	525.60

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
196652	JAN,FEB,MAR SERVICE FEE QRT 1	01/12/2026	01/12/2026	0.00	525.60

Payment Register

APPKT0005 Item 7. 6

Vendor Number	Vendor Name					Total Vendor Amount
DAV09	DAVIES CHEVRON					72.00
Payment Type	Payment Number	Payment Date	Payment Amount			
Check	65600	01/20/2026	72.00			
Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount	
1/13/2026	CARWASH X6 / POLICE	01/13/2026	01/13/2026	0.00	72.00	
Vendor Number	Vendor Name					Total Vendor Amount
DAV02	DAVIES OIL COMPANY, INC.					9,564.33
Payment Type	Payment Number	Payment Date	Payment Amount			
Check	65601	01/20/2026	9,564.33			
Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount	
419842	FUEL / SEWER	01/13/2026	01/13/2026	0.00	1,328.88	
419966	FUEL / STREETS	01/13/2026	01/13/2026	0.00	1,060.19	
78477	FUEL	01/13/2026	01/13/2026	0.00	7,175.26	
Vendor Number	Vendor Name					Total Vendor Amount
JOH13	DEERE CREDIT INC.					2,044.83
Payment Type	Payment Number	Payment Date	Payment Amount			
Check	65602	01/20/2026	2,044.83			
Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount	
3116287	MOWER LEASE PAYMENT	01/14/2026	01/14/2026	0.00	2,044.83	
Vendor Number	Vendor Name					Total Vendor Amount
DEP03	DEPT. OF CONSERVATION					204.92
Payment Type	Payment Number	Payment Date	Payment Amount			
Check	65603	01/20/2026	204.92			
Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount	
1/13/2026	STRONG & SEISMIC HAZARD MAPPING FEE	01/13/2026	01/13/2026	0.00	204.92	
Vendor Number	Vendor Name					Total Vendor Amount
COLA5	DERODA INC.					689.00
Payment Type	Payment Number	Payment Date	Payment Amount			
Check	65604	01/20/2026	689.00			
Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount	
142554	SEAL LEAD ACID BATTERY / FIRE	01/13/2026	01/13/2026	0.00	258.77	
142979	CORE DEPOSIT	01/12/2026	01/12/2026	0.00	-59.81	
143281	HEAT SHRINK TUBING,RING TERMINAL, BATTERY CABLES	01/12/2026	01/12/2026	0.00	24.95	
143361	V-BELT / PARKS	01/15/2026	01/15/2026	0.00	28.22	
143545	LUCAS OIL STABILIZER / STREETS	01/13/2026	01/13/2026	0.00	73.67	
143711	FUSE KIT / STREETS	01/12/2026	01/12/2026	0.00	28.83	
143748	WIPER / WATER	01/12/2026	01/12/2026	0.00	36.50	
143795	BATTERY CABLE LUG,CABLE TERMINAL	01/12/2026	01/12/2026	0.00	33.38	
144088	HYD OIL FLUID / STREETS	01/13/2026	01/13/2026	0.00	61.45	
144146	RING & HITCH / WATER	01/13/2026	01/13/2026	0.00	75.99	
144150	HITCHPIN / WATER	01/13/2026	01/13/2026	0.00	-4.89	
144208	OIL FILTER / WATER	01/14/2026	01/14/2026	0.00	34.17	
144223	ENGINE AIR FILTER & SHOP TOWELS	01/14/2026	01/14/2026	0.00	202.41	
144227	AIR FILTERS RETURN / WATER	01/14/2026	01/14/2026	0.00	-104.64	
Vendor Number	Vendor Name					Total Vendor Amount
DIV00	DIVISION OF THE STATE ARCHITECH					18.80
Payment Type	Payment Number	Payment Date	Payment Amount			
Check	65605	01/20/2026	18.80			
Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount	
1/13/2026	1/13/2026	01/13/2026	01/13/2026	0.00	18.80	

Payment Register

APPKT0005 Item 7. 6

Vendor Number DOS02	Vendor Name DOS RIOS INC.					Total Vendor Amount 58,032.02	
Payment Type Check	Payment Number 65606					Payment Date 01/20/2026	Payment Amount 58,032.02
Payable Number D18-8708	Description NEW LANDSCAPE AT COLUSA STATE PARK SRA	Payable Date 01/12/2026	Due Date 01/12/2026	Discount Amount 0.00	Payable Amount 58,032.02		
Vendor Number KRU00	Vendor Name ELIZABETH KRUG					Total Vendor Amount 120.00	
Payment Type Check	Payment Number 65607					Payment Date 01/20/2026	Payment Amount 120.00
Payable Number 1/20/2026	Description REFERRE FOR BASKETBALL / REC	Payable Date 01/20/2026	Due Date 01/20/2026	Discount Amount 0.00	Payable Amount 120.00		
Vendor Number BUR07	Vendor Name EVAN BURRIOUS					Total Vendor Amount 68.00	
Payment Type Check	Payment Number 65608					Payment Date 01/20/2026	Payment Amount 68.00
Payable Number 1/14/2026	Description OPEN GYM BASKETBALL / REC	Payable Date 01/14/2026	Due Date 01/14/2026	Discount Amount 0.00	Payable Amount 68.00		
Vendor Number FOR03	Vendor Name For2Fi, Inc.					Total Vendor Amount 51.34	
Payment Type Check	Payment Number 65609					Payment Date 01/20/2026	Payment Amount 51.34
Payable Number 77245	Description COMMUNICATIONS: W/S	Payable Date 01/12/2026	Due Date 01/12/2026	Discount Amount 0.00	Payable Amount 51.34		
Vendor Number FUL00	Vendor Name FULCHER PAINT & SUPPLY					Total Vendor Amount 160.93	
Payment Type Check	Payment Number 65610					Payment Date 01/20/2026	Payment Amount 160.93
Payable Number 00025702	Description SUPPLIES / PARKS	Payable Date 01/13/2026	Due Date 01/13/2026	Discount Amount 0.00	Payable Amount 58.25		
Payable Number 00025703	Description SUPPLIES / PARKS	Payable Date 01/13/2026	Due Date 01/13/2026	Discount Amount 0.00	Payable Amount 102.68		
Vendor Number MES00	Vendor Name GEORGE L. MESSICK CO.					Total Vendor Amount 2,017.83	
Payment Type Check	Payment Number 65611					Payment Date 01/20/2026	Payment Amount 2,017.83
Payable Number 1739/1	Description DERMA-TUFF / STREETS	Payable Date 01/14/2026	Due Date 01/14/2026	Discount Amount 0.00	Payable Amount 25.00		
Payable Number 2979/1	Description REMOTE CONTROL / FIRE	Payable Date 01/13/2026	Due Date 01/13/2026	Discount Amount 0.00	Payable Amount 46.75		
Payable Number 651328/1	Description FASTENERS / STREETS	Payable Date 01/14/2026	Due Date 01/14/2026	Discount Amount 0.00	Payable Amount 14.57		
Payable Number 651334/1	Description SUPPLIES / PARKS	Payable Date 01/14/2026	Due Date 01/14/2026	Discount Amount 0.00	Payable Amount 43.47		
Payable Number 651353/1	Description LED BULBS / PARKS	Payable Date 01/20/2026	Due Date 01/20/2026	Discount Amount 0.00	Payable Amount 19.56		
Payable Number 651428/1	Description EQUIPMENT MAINTENANCE / PARKS	Payable Date 01/14/2026	Due Date 01/14/2026	Discount Amount 0.00	Payable Amount 22.36		
Payable Number 651447/1	Description BIT SET / STREETS	Payable Date 01/14/2026	Due Date 01/14/2026	Discount Amount 0.00	Payable Amount 19.56		
Payable Number 651467/1	Description SUPPLIES / STREETS	Payable Date 01/14/2026	Due Date 01/14/2026	Discount Amount 0.00	Payable Amount 25.97		
Payable Number 651473/1	Description PAINT & MUR ACID GAL / SEWER	Payable Date 01/14/2026	Due Date 01/14/2026	Discount Amount 0.00	Payable Amount 31.52		
Payable Number 651476/1	Description SUPPLIES / SEWER	Payable Date 01/14/2026	Due Date 01/14/2026	Discount Amount 0.00	Payable Amount 43.02		
Payable Number 651493/1	Description LOCK / STREETS	Payable Date 01/14/2026	Due Date 01/14/2026	Discount Amount 0.00	Payable Amount 47.83		
Payable Number 651502/1	Description GARDEN VALVE BRASS	Payable Date 01/14/2026	Due Date 01/14/2026	Discount Amount 0.00	Payable Amount 23.91		
Payable Number 651513/1	Description METAL CUTOFF & VALVE BOX / WATER	Payable Date 01/14/2026	Due Date 01/14/2026	Discount Amount 0.00	Payable Amount 48.92		
Payable Number 651521/1	Description HAMMER DRILLING / WATER	Payable Date 01/14/2026	Due Date 01/14/2026	Discount Amount 0.00	Payable Amount 61.95		
Payable Number 651530/1	Description BUILDING MAINTENANCE / STREETS	Payable Date 01/14/2026	Due Date 01/14/2026	Discount Amount 0.00	Payable Amount 43.45		
Payable Number 651561/1	Description FASTENERS / FIRE	Payable Date 01/13/2026	Due Date 01/13/2026	Discount Amount 0.00	Payable Amount 8.85		
Payable Number 651588/1	Description EQUIPMENT MAINTENANCE / STREETS	Payable Date 01/14/2026	Due Date 01/14/2026	Discount Amount 0.00	Payable Amount 4.34		
Payable Number 651751/1	Description SUPPLIES / PARKS	Payable Date 01/14/2026	Due Date 01/14/2026	Discount Amount 0.00	Payable Amount 98.03		
Payable Number 651821/1	Description BUG FOGGER / WATER	Payable Date 01/14/2026	Due Date 01/14/2026	Discount Amount 0.00	Payable Amount 19.56		
Payable Number 651829/1	Description PULL UTILITY / FIRE	Payable Date 01/13/2026	Due Date 01/13/2026	Discount Amount 0.00	Payable Amount 6.51		
Payable Number 651875/1	Description PIPE CAP AND THREAD SEAL FOR LAM TRUCK / STREETS	Payable Date 01/14/2026	Due Date 01/14/2026	Discount Amount 0.00	Payable Amount 18.24		

Payment Register

APPKT0005 Item 7. 6

651906/1	TOWELS, SPRAY BOTTLE / STREETS	01/14/2026	01/14/2026	0.00	25.63
651921/1	FASTENERS / FIRE	01/13/2026	01/13/2026	0.00	3.02
651953/1	BUILDING MAINTENANCE / STREETS	01/14/2026	01/14/2026	0.00	39.12
651957/1	HINGES / STREETS	01/14/2026	01/14/2026	0.00	21.29
651968/1	EX CORD & CONNECTOR / FIRE	01/13/2026	01/13/2026	0.00	132.64
651977/1	MENDING BRACE / FIRE	01/13/2026	01/13/2026	0.00	6.51
651979/1	CONNECTOR / FIRE	01/13/2026	01/13/2026	0.00	8.70
652017/1	FASTENERS / STREETS	01/14/2026	01/14/2026	0.00	6.55
652027/1	AP PURECHLOR / WATER	01/14/2026	01/14/2026	0.00	73.93
652120/1	ALL PURPOSE CLEANER / FIRE	01/13/2026	01/13/2026	0.00	19.12
652203/1	CONDUIT, SAW, & WIRE	01/14/2026	01/14/2026	0.00	120.80
652216/1	ELECTRIC SCREW DRIVER & WIRE / WATER	01/14/2026	01/14/2026	0.00	64.54
652268/1	BOLT CUTTER / WATER	01/14/2026	01/14/2026	0.00	42.40
652380/1	CLEANER AND WIPES / WATER	01/14/2026	01/14/2026	0.00	27.82
652483/1	FASTENERS & STRAP/ FIRE	01/13/2026	01/13/2026	0.00	12.25
652693/1	COBWEB BRUSHES / CITY HALL	01/14/2026	01/14/2026	0.00	34.78
652771/1	TANK SPRAYER & CLAMPS / STREETS	01/14/2026	01/14/2026	0.00	58.67
652849/1	BUILDING MAINTENANCE	01/14/2026	01/14/2026	0.00	104.36
652852/1	EQUIPMENT MAINTENANCE	01/14/2026	01/14/2026	0.00	111.07
652867/1	ELECTRIC TAPE / SEWER	01/14/2026	01/14/2026	0.00	16.30
653070/1	H-VELOCITY / STREETS	01/14/2026	01/14/2026	0.00	79.38
653086/1	NAILSET & ELEC TAPE / STREETS	01/14/2026	01/14/2026	0.00	9.77
653094/1	GLOVES / SEWER	01/14/2026	01/14/2026	0.00	32.17
653178/1	BUILDING MAINT. / FIRE	01/13/2026	01/13/2026	0.00	32.58
653223/1	HOSE NOZLE / STREETS	01/14/2026	01/14/2026	0.00	13.04
653972/1	RAGSPAPER,SPRAY BOTTLE / PARKS	01/14/2026	01/14/2026	0.00	44.76
654103/1	DERMA TUFF / PARKS	01/14/2026	01/14/2026	0.00	50.00
654243/1	SUPPLIES / STREETS	01/14/2026	01/14/2026	0.00	21.73
654706/1	SCOOP GRAIN, GLOVES, RAKE / STREETS	01/14/2026	01/14/2026	0.00	77.18
655044/1	POWER BANK BLACK / POLICE	01/13/2026	01/13/2026	0.00	39.14
655581/1	DUR. BATTERIES / POLICE	01/13/2026	01/13/2026	0.00	15.21

Vendor Number	Vendor Name					Total Vendor Amount
GRI01	GRIFF'S FEED & SEED					291.41
Payment Type	Payment Number			Payment Date	Payment Amount	
Check	65613			01/20/2026	291.41	
Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount	
3336	RHINO BOOTS FOR ALAN	01/14/2026	01/14/2026	0.00	195.73	
4419	WRANGLER PANTS FOR ALAN / STREETS	01/14/2026	01/14/2026	0.00	95.68	

Vendor Number	Vendor Name					Total Vendor Amount
HDL00	Hinderliter,de Llamas & Associates					631.61
Payment Type	Payment Number			Payment Date	Payment Amount	
Check	65614			01/20/2026	631.61	
Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount	
SIN057455	CONTRACT SERVICES- TRANSACTION TAX (OCT-DEC 2025)	01/12/2026	01/12/2026	0.00	631.61	

Vendor Number	Vendor Name					Total Vendor Amount
ELE01	JACOB MORLEY					9,043.75
Payment Type	Payment Number			Payment Date	Payment Amount	
Check	65615			01/20/2026	9,043.75	
Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount	
DEC-25	PLANNING SERVICES DEC 2025	01/12/2026	01/12/2026	0.00	4,467.50	
DECEMBER 2025	2420-CTC ANNEXATION	01/12/2026	01/12/2026	0.00	4,576.25	

Vendor Number	Vendor Name					Total Vendor Amount
GAR00	JANELL A. GARCIA					225.00
Payment Type	Payment Number			Payment Date	Payment Amount	
Check	65616			01/20/2026	225.00	
Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount	
1/20/2026	OPEN GYM STAFF, REF FOR BASKETBALL / REC	01/20/2026	01/20/2026	0.00	225.00	

Payment Register

APPKT0005 Item 7. 6

Vendor Number JON03	Vendor Name JONES MAYER					Total Vendor Amount 6,835.85
Payment Type Check	Payment Number 65617					Payment Date 01/20/2026
Payable Number 138293	Description ATTORNEY SERVICES	Payable Date 01/20/2026	Due Date 01/20/2026	Discount Amount 0.00	Payable Amount 6,835.85	
Vendor Number FIT00	Vendor Name JOSH FITCH					Total Vendor Amount 976.98
Payment Type Check	Payment Number 65618					Payment Date 01/20/2026
Payable Number 1/13/2026	Description REIMBURSEMENT OF TRAVEL TO FBINA GRADUATION	Payable Date 01/13/2026	Due Date 01/13/2026	Discount Amount 0.00	Payable Amount 976.98	
Vendor Number JVS01	Vendor Name JV'S CUSTOM CONCRETE					Total Vendor Amount 22,775.00
Payment Type Check	Payment Number 65619					Payment Date 01/20/2026
Payable Number 02	Description 1950 SQ FT, 6" CONCRETE, 1/2 REBAR 2" ON CENTER	Payable Date 01/12/2026	Due Date 01/12/2026	Discount Amount 0.00	Payable Amount 22,775.00	
Vendor Number K&L01	Vendor Name K & L SUPPLY, INC.					Total Vendor Amount 5,583.85
Payment Type Check	Payment Number 65620					Payment Date 01/20/2026
Payable Number 47422	Description GAL CITRA SOLVE / SEWER	Payable Date 01/12/2026	Due Date 01/12/2026	Discount Amount 0.00	Payable Amount 5,583.85	
Vendor Number HUM01	Vendor Name LANDON MATHEW STEVEN HUMPHREY					Total Vendor Amount 107.00
Payment Type Check	Payment Number 65621					Payment Date 01/20/2026
Payable Number 1/14/2026	Description REFERRE FOR BASKETBALL / REC	Payable Date 01/14/2026	Due Date 01/14/2026	Discount Amount 0.00	Payable Amount 107.00	
Vendor Number CRA01	Vendor Name LAUREN CRAFT					Total Vendor Amount 150.00
Payment Type Check	Payment Number 65622					Payment Date 01/20/2026
Payable Number 1/15/2026	Description REFUND HOME OCCUPATION PERMIT-EXEMPT	Payable Date 01/15/2026	Due Date 01/15/2026	Discount Amount 0.00	Payable Amount 150.00	
Vendor Number LEA01	Vendor Name LEAGUE OF CALIF. CITIES					Total Vendor Amount 5,135.00
Payment Type Check	Payment Number 65623					Payment Date 01/20/2026
Payable Number INV-45546-F6N7F2	Description MEMBERSHIP DUES FOR CALENDAR YR 2026/FINANCE	Payable Date 01/13/2026	Due Date 01/13/2026	Discount Amount 0.00	Payable Amount 5,135.00	
Vendor Number LES01	Vendor Name LES SCHWAB TIRE CENTER					Total Vendor Amount 66.65
Payment Type Check	Payment Number 65624					Payment Date 01/20/2026
Payable Number 62100418190	Description LOW PROFILE IMPLEMENT TUBE, FLAT TIRE / PARKS	Payable Date 01/12/2026	Due Date 01/12/2026	Discount Amount 0.00	Payable Amount 66.65	

Payment Register

APPKT0005 Item 7. 6

Vendor Number PRI05	Vendor Name LUCAS PRICE						Total Vendor Amount 143.00
Payment Type Check	Payment Number 65625	Payable Number 1/14/2026	Description REFERRE FOR BASKETBALL / REC	Payable Date 01/14/2026	Due Date 01/14/2026	Payment Date 01/20/2026 Discount Amount 0.00	Payment Amount 143.00 Payable Amount 143.00
Vendor Number DEN01	Vendor Name MARCOS JAVIER DENIZ JR						Total Vendor Amount 342.00
Payment Type Check	Payment Number 65626	Payable Number 1/14/2026	Description REF, OPEN GYM STAFF FOR BASKETBALL / REC	Payable Date 01/14/2026	Due Date 01/14/2026	Payment Date 01/20/2026 Discount Amount 0.00	Payment Amount 342.00 Payable Amount 342.00
Vendor Number MERO1	Vendor Name MERIDIAN SUPPLY						Total Vendor Amount 76.73
Payment Type Check	Payment Number 65627	Payable Number 186288- 186549 186735	Description BATTERY CORE CHARGE HEAVY / WATER INTERSTATE BATTERIES CHAIN LOOP	Payable Date 01/12/2026 01/12/2026 01/12/2026	Due Date 01/12/2026 01/12/2026 01/12/2026	Payment Date 01/20/2026 Discount Amount 0.00 0.00 0.00	Payment Amount 76.73 Payable Amount -257.40 241.27 92.86
Vendor Number MES04	Vendor Name MES SERVICE COMPANY LLC						Total Vendor Amount 2,363.75
Payment Type Check	Payment Number 65628	Payable Number IN2397270	Description SCBA-NFPA FLOW TEST / FIRE	Payable Date 01/15/2026	Due Date 01/15/2026	Payment Date 01/20/2026 Discount Amount 0.00	Payment Amount 2,363.75 Payable Amount 2,363.75
Vendor Number MES03	Vendor Name MESSENGER PUBLISHING GROUP						Total Vendor Amount 395.00
Payment Type Check	Payment Number 65629	Payable Number 26830 32459 32557	Description SINGLE COPY BULK SALE WEEKLY 2026 NOTICE OF PUBLIC HEARING PLANNING COMMISSION CDBG PUBLIC HEARING	Payable Date 01/12/2026 01/13/2026 01/20/2026	Due Date 01/12/2026 01/13/2026 01/20/2026	Payment Date 01/20/2026 Discount Amount 0.00 0.00 0.00	Payment Amount 395.00 Payable Amount 175.00 150.00 70.00
Vendor Number VIG00	Vendor Name NICOLE VIGNEY						Total Vendor Amount 1,099.20
Payment Type Check	Payment Number 65630	Payable Number 1/13/2026 1/14/2026	Description REGISTRATION KICKBOXING OCT-DEC 2025 RECREATION BASKETBALL, SUPERVISOR	Payable Date 01/13/2026 01/14/2026	Due Date 01/13/2026 01/14/2026	Payment Date 01/20/2026 Discount Amount 0.00 0.00	Payment Amount 1,099.20 Payable Amount 375.20 724.00
Vendor Number PAC03	Vendor Name PACIFIC STORAGE COMPANY						Total Vendor Amount 62.72
Payment Type Check	Payment Number 65631	Payable Number 5295390	Description SERVICE 64 GAL TOTE / POLICE	Payable Date 01/13/2026	Due Date 01/13/2026	Payment Date 01/20/2026 Discount Amount 0.00	Payment Amount 62.72 Payable Amount 62.72
Vendor Number PAX01	Vendor Name PAXTON FAMILY INSPECTION SERVICES						Total Vendor Amount 11,738.10
Payment Type Check	Payment Number 65632	Payable Number 25030	Description BUILDING OFFICIAL, PLAN EXAM, MILEAGE	Payable Date 01/12/2026	Due Date 01/12/2026	Payment Date 01/20/2026 Discount Amount 0.00	Payment Amount 11,738.10 Payable Amount 11,738.10

Payment Register

APPKT0005 Item 7. 6

Vendor Number		Vendor Name			Total Vendor Amount	
HUM00		PEYTON HUMPHREY			394.00	
Payment Type		Payment Number			Payment Date	Payment Amount
Check		65633			01/20/2026	394.00
Payable Number		Description	Payable Date	Due Date	Discount Amount	Payable Amount
1/14/2026		REF, OPEN GYM STAFF FOR BASKETBALL / REC	01/14/2026	01/14/2026	0.00	394.00
Vendor Number		Vendor Name			Total Vendor Amount	
BLU01		PRIMO BRANDS			346.22	
Payment Type		Payment Number			Payment Date	Payment Amount
Check		65634			01/20/2026	346.22
Payable Number		Description	Payable Date	Due Date	Discount Amount	Payable Amount
01/14/2026		SPRING WATER,DELIVERY AND RENT FEE / FIRE	01/14/2026	01/14/2026	0.00	181.78
1-14-26		LATE FEE	01/14/2026	01/14/2026	0.00	164.44
Vendor Number		Vendor Name			Total Vendor Amount	
QUI01		QUILL CORPORATION			86.54	
Payment Type		Payment Number			Payment Date	Payment Amount
Check		65635			01/20/2026	86.54
Payable Number		Description	Payable Date	Due Date	Discount Amount	Payable Amount
47290410		INK / CITY CLERK	01/14/2026	01/14/2026	0.00	86.54
Vendor Number		Vendor Name			Total Vendor Amount	
RIV06		RIVERVIEW INTERNATIONAL TRUCKS, LLC.			12,558.45	
Payment Type		Payment Number			Payment Date	Payment Amount
Check		65636			01/20/2026	12,558.45
Payable Number		Description	Payable Date	Due Date	Discount Amount	Payable Amount
330550		E-552 REPAIRS / FIRE	01/13/2026	01/13/2026	0.00	12,558.45
Vendor Number		Vendor Name			Total Vendor Amount	
BRA02		RODGER EARL BRAYFINDLEY			1,806.00	
Payment Type		Payment Number			Payment Date	Payment Amount
Check		65637			01/20/2026	1,806.00
Payable Number		Description	Payable Date	Due Date	Discount Amount	Payable Amount
1/13/2026		REGISTRATIONS TAI-CHI,KICKBOXING OCT-DEC 2025	01/13/2026	01/13/2026	0.00	1,806.00
Vendor Number		Vendor Name			Total Vendor Amount	
KAL01		SETH KALISUCH			251.00	
Payment Type		Payment Number			Payment Date	Payment Amount
Check		65638			01/20/2026	251.00
Payable Number		Description	Payable Date	Due Date	Discount Amount	Payable Amount
1/14/2026		REF FOR BASKETBALL / REC	01/14/2026	01/14/2026	0.00	251.00
Vendor Number		Vendor Name			Total Vendor Amount	
SIL02		SILICON RANCH CORPORATION			808.60	
Payment Type		Payment Number			Payment Date	Payment Amount
Check		65639			01/20/2026	808.60
Payable Number		Description	Payable Date	Due Date	Discount Amount	Payable Amount
INV00017905		SERVICES 12/1/2025-12/31/2025 / SEWER	01/13/2026	01/13/2026	0.00	808.60
Vendor Number		Vendor Name			Total Vendor Amount	
SOR00		SORENSEN PEST CONTROL, INC.			45.00	
Payment Type		Payment Number			Payment Date	Payment Amount
Check		65640			01/20/2026	45.00
Payable Number		Description	Payable Date	Due Date	Discount Amount	Payable Amount
1372106		PEST-MONTHLY SERVICE / FIRE	01/12/2026	01/12/2026	0.00	45.00

Payment Register

APPKT0005 Item 7. 6

Vendor Number BYB01	Vendor Name STEPHANIE BYBEE					Total Vendor Amount 500.00
Payment Type Check	Payment Number 65641					Payment Date 01/20/2026
Payable Number 1/12/2026	Description COLUSA STATE PARK CAMP HOST JAN 2026	Payable Date 01/12/2026	Due Date 01/12/2026	Discount Amount 0.00	Payable Amount 500.00	
Vendor Number TAP01	Vendor Name STERLING TAPIA					Total Vendor Amount 136.00
Payment Type Check	Payment Number 65642					Payment Date 01/20/2026
Payable Number 1/15/2026	Description OPEN GYM STAFF FOR BASKETBALL / REC	Payable Date 01/15/2026	Due Date 01/15/2026	Discount Amount 0.00	Payable Amount 136.00	
Vendor Number ADV06	Vendor Name SUPERIOR CALIFORNIA OFFICE EQUIPMENT					Total Vendor Amount 9.62
Payment Type Check	Payment Number 65643					Payment Date 01/20/2026
Payable Number INV176260	Description COPIER METER READS / POLICE	Payable Date 01/13/2026	Due Date 01/13/2026	Discount Amount 0.00	Payable Amount 9.62	
Vendor Number SUP01	Vendor Name SUPERIOR TIRE SERVICE					Total Vendor Amount 505.90
Payment Type Check	Payment Number 65644					Payment Date 01/20/2026
Payable Number 318718	Description POWERKING NAVITRAC DISMOUNT/MOUNT	Payable Date 01/12/2026	Due Date 01/12/2026	Discount Amount 0.00	Payable Amount 505.90	
Vendor Number TRA00	Vendor Name TRANSUNION RISK AND ALTERNATIVE					Total Vendor Amount 100.00
Payment Type Check	Payment Number 65645					Payment Date 01/20/2026
Payable Number 1368807-202512-1	Description MINIMUM USAGE ADJUSTMENT / POLICE	Payable Date 01/13/2026	Due Date 01/13/2026	Discount Amount 0.00	Payable Amount 100.00	
Vendor Number TRIO2	Vendor Name TRI COUNTIES BANK					Total Vendor Amount 15,806.84
Payment Type Check	Payment Number 65646					Payment Date 01/20/2026
Payable Number 1/20/2026	Description OFFICE EXPENSES	Payable Date 01/20/2026	Due Date 01/20/2026	Discount Amount 0.00	Payable Amount 15,806.84	
Vendor Number TWI03	Vendor Name TWIN CITY TROPHIES					Total Vendor Amount 1,345.01
Payment Type Check	Payment Number 65647					Payment Date 01/20/2026
Payable Number 21308	Description AWARDS / FIRE	Payable Date 01/15/2026	Due Date 01/15/2026	Discount Amount 0.00	Payable Amount 1,345.01	
Vendor Number TYL00	Vendor Name TYLER TECHNOLOGIES, INC					Total Vendor Amount 4,640.00
Payment Type Check	Payment Number 65648					Payment Date 01/20/2026
Payable Number 025-540311	Description ERP PRO FINANCIALS (ARPA)	Payable Date 01/13/2026	Due Date 01/13/2026	Discount Amount 0.00	Payable Amount 4,640.00	

Payment Register

APPKT0005 Item 7. 6

Vendor Number	Vendor Name					Total Vendor Amount
USP01	U. S. POST OFFICE					1,403.28
Payment Type	Payment Number	Payment Date	Payment Amount			
Check	65649	01/20/2026	1,403.28			
Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount	
1/12/2025	BULK MAILING FOR UTILITY BILLING	01/12/2026	01/12/2026	0.00	1,403.28	
Vendor Number	Vendor Name					Total Vendor Amount
USA01	USA BLUEBOOK					1,385.64
Payment Type	Payment Number	Payment Date	Payment Amount			
Check	65650	01/20/2026	1,385.64			
Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount	
INV00915358	ENDLESS POLU ROUNDSLING / SEWER	01/12/2026	01/12/2026	0.00	29.31	
INV00916734	TRACEABLE CONDUCTIVITY, HACH BUFFER / SEWER	01/12/2026	01/12/2026	0.00	137.09	
INV0092496	BUILDING MAINTENANCE / SEWER	01/13/2026	01/13/2026	0.00	1,219.24	
Vendor Number	Vendor Name					Total Vendor Amount
WAV00	WAVE TECHNOLOGIES					1,090.81
Payment Type	Payment Number	Payment Date	Payment Amount			
Check	65651	01/20/2026	1,090.81			
Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount	
DG-7556	CITY PHONE SERVICES	01/20/2026	01/20/2026	0.00	1,090.81	
Vendor Number	Vendor Name					Total Vendor Amount
DEL01	WILBUR-ELLIS COMPANY LLC					902.19
Payment Type	Payment Number	Payment Date	Payment Amount			
Check	65652	01/20/2026	902.19			
Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount	
17600367	ROUNDUP POWERMAX	01/12/2026	01/12/2026	0.00	902.19	
Vendor Number	Vendor Name					Total Vendor Amount
ZUM02	ZUMWALT MUTUAL WATER CO.					1,200.00
Payment Type	Payment Number	Payment Date	Payment Amount			
Check	65653	01/20/2026	1,200.00			
Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount	
1668	SPECIAL ASSESSMENT INSTALLMENT#3 / STREETS	01/12/2026	01/12/2026	0.00	1,200.00	

Payment Summary

Bank Code	Type	Payable Count	Payment Count	Discount	Payment
Wells Fargo AP	Check	183	73	0.00	1,177,496.66
Wells Fargo AP	Voided **Void Check	0	1	0.00	0.00
Packet Totals:		183	74	0.00	1,177,496.66

Cash Fund Summary

Fund	Name	Amount
998	POOLED CASH	-1,177,496.66
Packet Totals:		-1,177,496.66



City of Colusa, CA

Bank: Wells Fargo AP - Wells Fargo AP

Vendor Number		Vendor Name	Total Vendor Amount	
FRO03		FRONTIER - SPB	98,680.00	
Payment Type	Payment Number		Payment Date	Payment Amount
Check	65654		01/28/2026	98,680.00
Payable Number	Description	Payable Date	Due Date	Discount Amount
1/28/2026	ARCO TOWN CENTER (PROJECT 5394265/P-468890)	01/28/2026	01/28/2026	0.00
				Payable Amount
				98,680.00

Payment Register

Payment Summary

Bank Code	Type	Payable Count	Payment Count	Discount	Payment
Wells Fargo AP	Check	1	1	0.00	98,680.00
Packet Totals:		1	1	0.00	98,680.00

Cash Fund Summary

Fund	Name	Amount
998	POOLED CASH	-98,680.00
Packet Totals:		-98,680.00



City of Colusa, CA

Bank: Wells Fargo AP - Wells Fargo AP

Vendor Number	Vendor Name					Total Vendor Amount
ASH01	SADIE ASH					6,975.00
Payment Type	Payment Number	Payment Date	Payment Amount			
Check	65716	02/09/2026	6,975.00			
Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount	
2/9/2026	PROP 64 GRANT, EHCR GRANT & COHORT, MISC. TASKS	02/09/2026	02/09/2026	0.00	6,975.00	

Payment Register

Payment Summary

Bank Code	Type	Payable Count	Payment Count	Discount	Payment
Wells Fargo AP	Check	1	1	0.00	6,975.00
Packet Totals:		1	1	0.00	6,975.00

Cash Fund Summary

Fund	Name	Amount
998	POOLED CASH	-6,975.00
Packet Totals:		-6,975.00



City of Colusa, CA

Bank: Wells Fargo AP - Wells Fargo AP

Vendor Number		Vendor Name	Total Vendor Amount	
CRO00		CROSS ELECTRIC COMPANY	23,018.19	
Payment Type	Payment Number		Payment Date	Payment Amount
Check	65717		02/11/2026	23,018.19
Payable Number		Description	Payable Date	Due Date
2026-2607		LIFT STATION (STORM DRAIN) STREETS	02/11/2026	02/11/2026
			Discount Amount	Payable Amount
			0.00	23,018.19

Payment Register

Payment Summary

Bank Code	Type	Payable Count	Payment Count	Discount	Payment
Wells Fargo AP	Check	1	1	0.00	23,018.19
Packet Totals:		1	1	0.00	23,018.19

Cash Fund Summary

Fund	Name	Amount
998	POOLED CASH	-23,018.19
Packet Totals:		-23,018.19



City of Colusa, CA

Payment Register

Item 8.

APPKT00072 - PYPKT00042 - Feb 2026 Reg Payroll

01 - Vendor Set 01

Bank: Wells Fargo AP - Wells Fargo AP

Vendor Number	Vendor Name	Total Vendor Amount			
CAL49	California State Controllers Office	10,832.35			
Payment Type	Payment Number	Payment Date	Payment Amount		
Bank Draft	DFT0000016	02/26/2026	10,832.35		
Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
INV0000040	State Income Tax Withholding	02/26/2026	02/26/2026	0.00	10,832.35

Vendor Number	Vendor Name	Total Vendor Amount			
DEP20	DEPARTMENT OF THE TREASURY	71,449.37			
Payment Type	Payment Number	Payment Date	Payment Amount		
Bank Draft	DFT0000014	02/26/2026	38,350.40		
Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
INV0000038	Social Security	02/26/2026	02/26/2026	0.00	38,350.40
Bank Draft	DFT0000015	02/26/2026	24,129.81		
Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
INV0000039	Federal WH	02/26/2026	02/26/2026	0.00	24,129.81
Bank Draft	DFT0000017	02/26/2026	8,969.16		
Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
INV0000041	Medicare WH	02/26/2026	02/26/2026	0.00	8,969.16

Vendor Number	Vendor Name	Total Vendor Amount			
PER01	PERS (HEALTH)	76,305.17			
Payment Type	Payment Number	Payment Date	Payment Amount		
Bank Draft	DFT0000012	02/26/2026	76,305.17		
Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
INV0000025	Health Insurance	02/26/2026	02/26/2026	0.00	76,305.17

Vendor Number	Vendor Name	Total Vendor Amount			
PER02	PERS (RETIREMENT)	60,988.14			
Payment Type	Payment Number	Payment Date	Payment Amount		
Bank Draft	DFT0000013	02/26/2026	60,988.14		
Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
INV0000034	PERS RETIREMENT	02/26/2026	02/26/2026	0.00	60,988.14

Payment Summary

Bank Code	Type	Payable Count	Payment Count	Discount	Payment
Wells Fargo AP	Manual Bank Draft	6	6	0.00	219,575.03
Packet Totals:		6	6	0.00	219,575.03

Cash Fund Summary

Fund	Name	Amount
998	POOLED CASH	-219,575.03
Packet Totals:		-219,575.03



City of Colusa, CA

Payment Register

Item 8.

APPKT00059 - 02-03-2026 AP

01 - Vendor Set 01

Bank: Wells Fargo AP - Wells Fargo AP

Vendor Number	Vendor Name			Total Vendor Amount
GAL05	ABIGAIL GALVEZ			200.00
Payment Type	Payment Number	Payment Date	Payment Amount	
Check	65655	02/03/2026	200.00	
Payable Number	Description	Payable Date	Due Date	Discount Amount Payable Amount
1/26/2026	SCOUT CABIN DEPOSIT REIMBURSEMENT 1/17/26	01/26/2026	01/26/2026	0.00 200.00

Vendor Number	Vendor Name			Total Vendor Amount
AIR00	AIRGAS USA, LLC			620.50
Payment Type	Payment Number	Payment Date	Payment Amount	
Check	65656	02/03/2026	620.50	
Payable Number	Description	Payable Date	Due Date	Discount Amount Payable Amount
5519148542	OXYGEN / FIRE	01/22/2026	01/22/2026	0.00 296.30
5521894684	OXYGEN / FIRE	01/22/2026	01/22/2026	0.00 324.20

Vendor Number	Vendor Name			Total Vendor Amount
APP02	APPEAL DEMOCRAT, INC.			254.70
Payment Type	Payment Number	Payment Date	Payment Amount	
Check	65657	02/03/2026	254.70	
Payable Number	Description	Payable Date	Due Date	Discount Amount Payable Amount
2/2/2026	52 WEEKS SUBSCRIPTION TERM / FINANCE	02/03/2026	02/03/2026	0.00 54.70
2/3/2026	52 WEEKS SUBSCRIPTION TERM / FINANCE	02/03/2026	02/03/2026	0.00 200.00

Vendor Number	Vendor Name			Total Vendor Amount
ATT04	AT&T MOBILITY			382.39
Payment Type	Payment Number	Payment Date	Payment Amount	
Check	65658	02/03/2026	382.39	
Payable Number	Description	Payable Date	Due Date	Discount Amount Payable Amount
287301576390X01102026	WIRELESS SERVICES / FIRE	01/22/2026	01/22/2026	0.00 382.39

Vendor Number	Vendor Name			Total Vendor Amount
CHE10	BETTER BODY FITNESS			131.27
Payment Type	Payment Number	Payment Date	Payment Amount	
Check	65659	02/03/2026	131.27	
Payable Number	Description	Payable Date	Due Date	Discount Amount Payable Amount
2/3/2026	REIMBURSEMENT OF FINAL CLOSURE UTILITY BILL	02/03/2026	02/03/2026	0.00 131.27

Vendor Number	Vendor Name			Total Vendor Amount
BUT01	BUTTE SAND & GRAVEL			1,174.54
Payment Type	Payment Number	Payment Date	Payment Amount	
Check	65660	02/03/2026	1,174.54	
Payable Number	Description	Payable Date	Due Date	Discount Amount Payable Amount
151963	SAND / STREETS	02/02/2026	02/02/2026	0.00 589.03
152262	STORM DRAIN / STREETS	02/03/2026	02/03/2026	0.00 585.51

Vendor Number	Vendor Name			Total Vendor Amount
CEC00	CALIFORNIA ENGINEERING COMPANY, INC.			62,531.71
Payment Type	Payment Number	Payment Date	Payment Amount	
Check	65661	02/03/2026	62,531.71	
Payable Number	Description	Payable Date	Due Date	Discount Amount Payable Amount
13058	WATER MASTER PLAN	01/26/2026	01/26/2026	0.00 2,020.27
13060	WWTP LAND ANNEXATION	01/26/2026	01/26/2026	0.00 3,374.72
13067	NEW POLICE DEPARTMENT DEV.	01/26/2026	01/26/2026	0.00 1,893.64
13069	WELL NO. 6 DESIGN/TEST CIP	01/26/2026	01/26/2026	0.00 250.33

Payment Register

APPKT00059 - 02 Item 8. P

13070	CITY ENGINEERING SERVICES	01/26/2026	01/26/2026	0.00	736.25
13071	WESCOTT RD. CONSTRUCTION	01/26/2026	01/26/2026	0.00	28,966.50
13072	COLUSA TOWN DENTER DEV. PROJECT	01/26/2026	01/26/2026	0.00	2,550.33
13073	WELL NO. 9_6A_5_4	01/26/2026	01/26/2026	0.00	1,400.00
13074	MEMORIAL PARK RESTROOM / CITY ENGINEER	02/03/2026	02/03/2026	0.00	18,412.34
13075	KITTLES ALLEYWAY DRAINAGE	02/03/2026	02/03/2026	0.00	2,927.33

Vendor Number	Vendor Name					Total Vendor Amount
VUL01	CALMAT CO.					4,714.76
Payment Type	Payment Number	Payment Date	Payment Amount			
Check	65662	02/03/2026	4,714.76			
Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount	
5505434	POWER PATCH TON / STREETS	02/03/2026	02/03/2026	0.00	4,714.76	

Vendor Number	Vendor Name					Total Vendor Amount
CIN00	CINTAS					459.89
Payment Type	Payment Number	Payment Date	Payment Amount			
Check	65663	02/03/2026	459.89			
Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount	
2/2/2026	ADJUSTMENT FOR INVOICE 4256946003	02/02/2026	02/02/2026	0.00	-1.00	
4256946003	LINEN MAINTENANCE - W/S	02/02/2026	02/02/2026	0.00	162.93	
4256946283	LINEN MAINTENANCE	02/02/2026	02/02/2026	0.00	148.48	
4257706965	LINEN MAINTENANCE	02/02/2026	02/02/2026	0.00	148.48	
adj-1	adjusment 1 dollar	02/03/2026	02/03/2026	0.00	1.00	

Vendor Number	Vendor Name					Total Vendor Amount
CIN01	CINTAS CORPORATION NO. 2					265.19
Payment Type	Payment Number	Payment Date	Payment Amount			
Check	65664	02/03/2026	265.19			
Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount	
5314607004	MEDICAL SUPPLIES	02/02/2026	02/02/2026	0.00	265.19	

Vendor Number	Vendor Name					Total Vendor Amount
COL22	COLUSA COUNTY					84.00
Payment Type	Payment Number	Payment Date	Payment Amount			
Check	65665	02/03/2026	84.00			
Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount	
2/2/2026	POOL SNACK BAR 2026 PERMIT FEE (GF-548)	02/02/2026	02/02/2026	0.00	84.00	

Vendor Number	Vendor Name					Total Vendor Amount
COL08	COLUSA COUNTY SHERIFF OFFICE OF					105.00
Payment Type	Payment Number	Payment Date	Payment Amount			
Check	65666	02/03/2026	105.00			
Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount	
4	TOXICOLOGY/BLOWS - POLICE	02/02/2026	02/02/2026	0.00	105.00	

Vendor Number	Vendor Name					Total Vendor Amount
COM08	COMCAST					70.01
Payment Type	Payment Number	Payment Date	Payment Amount			
Check	65667	02/03/2026	70.01			
Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount	
1/22/2026	INTERNET SERVICES / FIRE	01/22/2026	01/22/2026	0.00	70.01	

Vendor Number	Vendor Name					Total Vendor Amount
COM06	COMPUTER LOGISTICS					1,109.69
Payment Type	Payment Number	Payment Date	Payment Amount			
Check	65668	02/03/2026	1,109.69			
Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount	
86803	MONTHLY BILLING FOR APRIL / FIRE	01/21/2026	01/21/2026	0.00	288.56	
86844	MONTHLY BILLING FOR FEBRUARY 2026 / POLICE	01/22/2026	01/22/2026	0.00	532.57	
86852	MONTHLY BILLING FOR FEB 2026 / FIRE	02/03/2026	02/03/2026	0.00	288.56	

Payment Register

APPKT00059 - 02 Item 8. P

Vendor Number	Vendor Name					Total Vendor Amount
COR01	CORBIN WILLITS SYSTEMS IN					1,036.14
Payment Type	Payment Number	Payment Date	Payment Amount			
Check	65669	02/03/2026	1,036.14			
Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount	
000C601151	MONTHLY SERVICES FOR FEB 2026	02/02/2026	02/02/2026	0.00	1,036.14	
Vendor Number	Vendor Name					Total Vendor Amount
DAV02	DAVIES OIL COMPANY, INC.					6,288.74
Payment Type	Payment Number	Payment Date	Payment Amount			
Check	65670	02/03/2026	6,288.74			
Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount	
10369	FUEL / STREETS	02/02/2026	02/02/2026	0.00	1,315.89	
78672	FUEL	02/02/2026	02/02/2026	0.00	4,972.85	
Vendor Number	Vendor Name					Total Vendor Amount
COLA5	DERODA INC.					850.04
Payment Type	Payment Number	Payment Date	Payment Amount			
Check	65671	02/03/2026	850.04			
Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount	
143479	BELTS & OIL FILTER / POLICE	01/22/2026	01/22/2026	0.00	185.52	
143500	SPARK PLUG WIRE / POLICE	01/22/2026	01/22/2026	0.00	95.10	
143560	EQUIPMENT MAINTENANCE / POLICE	01/22/2026	01/22/2026	0.00	9.42	
143869	INVERTER WIRING FOR T-571 / FIRE	01/21/2026	01/21/2026	0.00	58.99	
144258	NAPA GOL OIL FILTER / FIRE	01/22/2026	01/22/2026	0.00	19.77	
144341	V-BELT / PARKS	02/02/2026	02/02/2026	0.00	9.41	
144665	EQUIPMENT MAINTENANCE	02/02/2026	02/02/2026	0.00	264.47	
144854	PAINT GREASE AND WAX / STREETS	02/02/2026	02/02/2026	0.00	14.94	
144855	EQUIPMENT MAINTENANCE / STREETS	02/02/2026	02/02/2026	0.00	192.42	
Vendor Number	Vendor Name					Total Vendor Amount
FOR03	For2Fi, Inc.					51.34
Payment Type	Payment Number	Payment Date	Payment Amount			
Check	65672	02/03/2026	51.34			
Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount	
78674	COMMUNICATIONS: W/S	02/02/2026	02/02/2026	0.00	51.34	
Vendor Number	Vendor Name					Total Vendor Amount
MES00	GEORGE L. MESSICK CO.					845.26
Payment Type	Payment Number	Payment Date	Payment Amount			
Check	65673	02/03/2026	845.26			
Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount	
653457/1	SUPPLIES / CITY HALL	02/02/2026	02/02/2026	0.00	9.75	
653461/1	GLOVES / STREETS	01/27/2026	01/27/2026	0.00	16.30	
653472/1	GLOVES / PARKS	01/27/2026	01/27/2026	0.00	9.34	
653544/1	GREAT STUFF / STREETS	01/27/2026	01/27/2026	0.00	13.04	
653559/1	FLAG MARK AND TAPE MEASURE / SEWER	02/02/2026	02/02/2026	0.00	35.87	
653671/1	BUILDING MAINTENANCE / STREETS	02/02/2026	02/02/2026	0.00	67.38	
653675/1	MOUNTING TAPE / STREETS	01/27/2026	01/27/2026	0.00	17.39	
654225/1	TUBE POLY / SEWER	02/02/2026	02/02/2026	0.00	15.12	
654238/1	EQUIPMENT MAINTENANCE / PARKS	02/02/2026	02/02/2026	0.00	64.30	
654452/1	EQUIPMENT MAINTENANCE / STREETS	01/27/2026	01/27/2026	0.00	26.08	
654506/1	PAINTER PAIL & MIXER / PARKS	02/02/2026	02/02/2026	0.00	32.16	
654558/1	EQUIPMENT MAINTENANCE / PARKS	02/02/2026	02/02/2026	0.00	121.77	
654594/1	TOP PAINT / PARKS	02/02/2026	02/02/2026	0.00	36.96	
654596/1	WD40 / STREETS	01/27/2026	01/27/2026	0.00	10.86	
654628/1	EQUIPMENT MAINTENANCE / STREETS	01/27/2026	01/27/2026	0.00	13.46	
654636/1	EQUIPMENT MAINTENANCE / STREETS	01/27/2026	01/27/2026	0.00	9.78	
654659/1	EQUIPMENT MAINTENANCE / STREETS	01/27/2026	01/27/2026	0.00	93.74	
654697/1	BATTERIES / STREETS	01/27/2026	01/27/2026	0.00	45.74	
654753/1	STRING-DRIVE SCREW / STREETS	01/27/2026	01/27/2026	0.00	14.13	
654941/1	EQUIPMENT MAINT. / STREETS	01/27/2026	01/27/2026	0.00	30.43	

Payment Register

APPKT00059 - 02 Item 8. P

654957/1	SUPPLIES / SEWER	02/02/2026	02/02/2026	0.00	56.53
655007/1	SUPPLIES / WATER	02/02/2026	02/02/2026	0.00	21.73
655078/1	FASTENERS / PARKS	02/02/2026	02/02/2026	0.00	8.70
656094/1	E-551 REPAIRS / FIRE	01/21/2026	01/21/2026	0.00	19.52
656432/1	EQUIPMENT MAINTENANCE E-553 / FIRE	01/21/2026	01/21/2026	0.00	55.18

Vendor Number	Vendor Name					Total Vendor Amount
GLA00	GLADWELL GOVERNMENTAL SERVICES, INC					950.00
Payment Type	Payment Number					Payment Date Payment Amount
Check	65674					02/03/2026 950.00
Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount	
6127	RECORDS RETENTION LEGAL REVIEW FY 25-26	02/03/2026	02/03/2026	0.00	950.00	

Vendor Number	Vendor Name					Total Vendor Amount
HDL01	HdL Coren & Cone					1,864.69
Payment Type	Payment Number					Payment Date Payment Amount
Check	65675					02/03/2026 1,864.69
Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount	
SIN058789	CONTRCT SERVICES PROPERTY TAX JAN-MAR 2026	02/03/2026	02/03/2026	0.00	1,864.69	

Vendor Number	Vendor Name					Total Vendor Amount
HOB03	HOBLIT CHEVROLET BUICK GMC					59,936.50
Payment Type	Payment Number					Payment Date Payment Amount
Check	65676					02/03/2026 59,936.50
Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount	
2/3/2026	stick#318, 2026 Chevy Tahoe, vin#231485	02/03/2026	02/03/2026	0.00	59,936.50	

Vendor Number	Vendor Name					Total Vendor Amount
INT16	INTERSTATE SALES/ T-MAN TRAFFIC SUPPLY					2,302.71
Payment Type	Payment Number					Payment Date Payment Amount
Check	65677					02/03/2026 2,302.71
Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount	
19438	ENNIS WHITE,YELLOW,BLUE, AND GREEN / STREETS	02/03/2026	02/03/2026	0.00	2,302.71	

Vendor Number	Vendor Name					Total Vendor Amount
INT15	INTOXIMETERS, INC.					187.69
Payment Type	Payment Number					Payment Date Payment Amount
Check	65678					02/03/2026 187.69
Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount	
804813	MOUTHPIECE / FIRE	01/22/2026	01/22/2026	0.00	187.69	

Vendor Number	Vendor Name					Total Vendor Amount
ELE01	JACOB MORLEY					10,448.75
Payment Type	Payment Number					Payment Date Payment Amount
Check	65679					02/03/2026 10,448.75
Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount	
2/2/2026	JANUARY 2026 PLANNING SERVICES	02/02/2026	02/02/2026	0.00	6,488.75	
2/2/26	2024 CTC ANNEXATION	02/02/2026	02/02/2026	0.00	3,960.00	

Vendor Number	Vendor Name					Total Vendor Amount
BUR03	JOHN BURGER HEATING AND AIR CONDITIONING					1,047.48
Payment Type	Payment Number					Payment Date Payment Amount
Check	65680					02/03/2026 1,047.48
Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount	
84857	BUILDING MAINT. / SEWER	02/02/2026	02/02/2026	0.00	1,047.48	

Vendor Number	Vendor Name					Total Vendor Amount
JOR00	JORGENSEN COMPANY					1,994.97
Payment Type	Payment Number					Payment Date Payment Amount
Check	65681					02/03/2026 1,994.97
Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount	
6232096	BUILDING MAINTENANCE (SERVICE 16 EXT+)	02/02/2026	02/02/2026	0.00	536.19	

Payment Register

APPKT00059 - 02 Item 8. P

6232099	BUILDING MAINTENANCE (EXT.	02/02/2026	02/02/2026	0.00	600.09
6232682	BUILDING MAINT. 27 EXT	02/03/2026	02/03/2026	0.00	858.69

Vendor Number	Vendor Name					Total Vendor Amount
LAM03	LAMB UNLIMITED INC.					389,424.42
Payment Type	Payment Number					Payment Date Payment Amount
Check	65682					02/03/2026 389,424.42
Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount	
2/3/2026	WESCOTT RD. REHABILITATION APPLICATION 3	02/03/2026	02/03/2026	0.00	389,424.42	

Vendor Number	Vendor Name					Total Vendor Amount
LAW02	LAWRENCE M. HIGHMAN M.D.					567.00
Payment Type	Payment Number					Payment Date Payment Amount
Check	65683					02/03/2026 567.00
Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount	
1/26/206	PHYSICAL EXAM / FIRE	01/26/2026	01/26/2026	0.00	189.00	
1/26/26	PHYSICAL EXAM / FIRE	01/26/2026	01/26/2026	0.00	189.00	
1-26-2026	PHYSICAL EXAM / FIRE	01/26/2026	01/26/2026	0.00	189.00	

Vendor Number	Vendor Name					Total Vendor Amount
LES01	LES SCHWAB TIRE CENTER					233.63
Payment Type	Payment Number					Payment Date Payment Amount
Check	65684					02/03/2026 233.63
Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount	
62100417562	BATTERY / FIRE	01/21/2026	01/21/2026	0.00	233.63	

Vendor Number	Vendor Name					Total Vendor Amount
LIF00	LIFE-ASSIST INC.					568.12
Payment Type	Payment Number					Payment Date Payment Amount
Check	65685					02/03/2026 568.12
Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount	
2046846	MEDICAL SUPPLIES / FIRE	01/22/2026	01/22/2026	0.00	568.12	

Vendor Number	Vendor Name					Total Vendor Amount
MER01	MERIDIAN SUPPLY					242.74
Payment Type	Payment Number					Payment Date Payment Amount
Check	65686					02/03/2026 242.74
Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount	
187050	YELLOW, WHITE PAINT, POWERLOCK / STREETS	02/02/2026	02/02/2026	0.00	132.54	
187178	OIL FILTER WRENCH AND PLIERS / STREETS	02/02/2026	02/02/2026	0.00	110.20	

Vendor Number	Vendor Name					Total Vendor Amount
MES03	MESSENGER PUBLISHING GROUP					930.00
Payment Type	Payment Number					Payment Date Payment Amount
Check	65687					02/03/2026 930.00
Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount	
32312	NOTICE OF PUBLIC HEARING PLANNING COMMISSION	02/02/2026	02/02/2026	0.00	240.00	
32313	NOTICE OF PUBLIC HEARING PLANNING COMMISSION	02/02/2026	02/02/2026	0.00	310.00	
32645	COLUSA TOWN CENTER PROJ.	02/03/2026	02/03/2026	0.00	380.00	

Vendor Number	Vendor Name					Total Vendor Amount
MIME00	MME, MUNICIPAL MAINT., EQUIPMENT					5,171.71
Payment Type	Payment Number					Payment Date Payment Amount
Check	65688					02/03/2026 5,171.71
Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount	
045874	EQUIPMENT MAINTENANCE / STREETS	02/03/2026	02/03/2026	0.00	5,171.71	

Payment Register

APPKT00059 - 02 Item 8. P

Vendor Number NOR54	Vendor Name NORTHERN CALIFORNIA WATER ASSOCIATION					Total Vendor Amount 543.60
Payment Type Check	Payment Number 65689	Payment Date 02/03/2026	Payment Amount 543.60			
Payable Number 11015	Description 2026 MEMBERSHIP DUES 1ST INSTALLMENT	Payable Date 02/02/2026	Due Date 02/02/2026	Discount Amount 0.00	Payable Amount 543.60	
Vendor Number PGE01	Vendor Name PACIFIC GAS AND ELECTRIC					Total Vendor Amount 69,669.47
Payment Type Check	Payment Number 65690	Payment Date 02/03/2026	Payment Amount 69,669.47			
Payable Number 2/3/2026	Description UTILITIES	Payable Date 02/03/2026	Due Date 02/03/2026	Discount Amount 0.00	Payable Amount 69,669.47	
Vendor Number PAX01	Vendor Name PAXTON FAMILY INSPECTION SERVICES					Total Vendor Amount 12,113.16
Payment Type Check	Payment Number 65691	Payment Date 02/03/2026	Payment Amount 12,113.16			
Payable Number 261002	Description BUILDING INSPECTIONS,PLAN CHECKS, & MILEAGE	Payable Date 02/02/2026	Due Date 02/02/2026	Discount Amount 0.00	Payable Amount 12,113.16	
Vendor Number QUI01	Vendor Name QUILL CORPORATION					Total Vendor Amount 566.16
Payment Type Check	Payment Number 65692	Payment Date 02/03/2026	Payment Amount 566.16			
Payable Number 47348454	Description 1099-NEC FORMS / FINANCE	Payable Date 02/03/2026	Due Date 02/03/2026	Discount Amount 0.00	Payable Amount 76.08	
Payable Number 47402999	Description OFFICE SUPPLIES / POLICE	Payable Date 02/02/2026	Due Date 02/02/2026	Discount Amount 0.00	Payable Amount 140.02	
Payable Number 47507373	Description CLEAR LABELS / FINANCE	Payable Date 01/26/2026	Due Date 01/26/2026	Discount Amount 0.00	Payable Amount 13.04	
Payable Number 47592193	Description CASH RECEIPT BOOKS	Payable Date 02/03/2026	Due Date 02/03/2026	Discount Amount 0.00	Payable Amount 337.02	
Vendor Number RAC00	Vendor Name RACE TELECOMMUNICATIONS, LLC					Total Vendor Amount 738.97
Payment Type Check	Payment Number 65693	Payment Date 02/03/2026	Payment Amount 738.97			
Payable Number RC1964398	Description CITY PHONE SERVICES	Payable Date 02/03/2026	Due Date 02/03/2026	Discount Amount 0.00	Payable Amount 738.97	
Vendor Number REA01	Vendor Name READING OIL, INC.					Total Vendor Amount 621.91
Payment Type Check	Payment Number 65694	Payment Date 02/03/2026	Payment Amount 621.91			
Payable Number 329179	Description PROPANE / STREETS	Payable Date 02/03/2026	Due Date 02/03/2026	Discount Amount 0.00	Payable Amount 202.01	
Payable Number 329239	Description PREMIUM GAS CANS / PARKS	Payable Date 02/03/2026	Due Date 02/03/2026	Discount Amount 0.00	Payable Amount 126.93	
Payable Number 329306	Description FUEL FOR CODE ENFORCEMENT	Payable Date 02/02/2026	Due Date 02/02/2026	Discount Amount 0.00	Payable Amount 92.82	
Payable Number 329313	Description PROPANE / STREETS	Payable Date 02/03/2026	Due Date 02/03/2026	Discount Amount 0.00	Payable Amount 200.15	
Vendor Number RES03	Vendor Name RESCUE SOURCE AND RESCUE 3 INTERNATIONAL					Total Vendor Amount 2,423.28
Payment Type Check	Payment Number 65695	Payment Date 02/03/2026	Payment Amount 2,423.28			
Payable Number 136798	Description SWIFT WATER RESCUE GEAR / FIRE	Payable Date 02/02/2026	Due Date 02/02/2026	Discount Amount 0.00	Payable Amount 2,423.28	
Vendor Number SIL01	Vendor Name SILICON RANCH CORPORATION					Total Vendor Amount 2,392.44
Payment Type Check	Payment Number 65696	Payment Date 02/03/2026	Payment Amount 2,392.44			
Payable Number INV00017999	Description SERVICE CHARGES 10-11-2025/10/31/2025 / SEWER	Payable Date 02/02/2026	Due Date 02/02/2026	Discount Amount 0.00	Payable Amount 2,392.44	

Payment Register
APPKT00059 - 02
Item 8.
P

Vendor Number SOR00	Vendor Name SORENSEN PEST CONTROL, INC.					Total Vendor Amount 45.00
Payment Type Check	Payment Number 65697				Payment Date 02/03/2026	Payment Amount 45.00
Payable Number 1375796	Description PEST MONTHLY SERVICE / FRE	Payable Date 01/21/2026	Due Date 01/21/2026	Discount Amount 0.00	Payable Amount 45.00	
Vendor Number STA07	Vendor Name STATE WATER RESOURCES CONTROL BOARD					Total Vendor Amount 228.00
Payment Type Check	Payment Number 65698				Payment Date 02/03/2026	Payment Amount 228.00
Payable Number 2/3/2026	Description WASTEWATER TREATMENT OPERATOR GRADE 1 / SEWER	Payable Date 02/03/2026	Due Date 02/03/2026	Discount Amount 0.00	Payable Amount 228.00	
Vendor Number BYB01	Vendor Name STEPHANIE BYBEE					Total Vendor Amount 1,000.00
Payment Type Check	Payment Number 65699				Payment Date 02/03/2026	Payment Amount 500.00
Payable Number 1/26/2026	Description COLUSA STATE PARK CAMP HOST FEB 2026	Payable Date 01/26/2026	Due Date 01/26/2026	Discount Amount 0.00	Payable Amount 500.00	
Check	Payment Number 65700				Payment Date 02/03/2026	Payment Amount 500.00
Payable Number 2/2/2026	Description COLUSA STATE PARK CAMP HOST MARCH 2026	Payable Date 02/02/2026	Due Date 02/02/2026	Discount Amount 0.00	Payable Amount 500.00	
Vendor Number SUP01	Vendor Name SUPERIOR TIRE SERVICE					Total Vendor Amount 458.68
Payment Type Check	Payment Number 65701				Payment Date 02/03/2026	Payment Amount 458.68
Payable Number 319606	Description C-570 INTERCEPT BASE / FIRE	Payable Date 02/03/2026	Due Date 02/03/2026	Discount Amount 0.00	Payable Amount 458.68	
Vendor Number SUT03	Vendor Name SUTTER BUTTES COMMUNICATIONS INC.					Total Vendor Amount 12,005.61
Payment Type Check	Payment Number 65702				Payment Date 02/03/2026	Payment Amount 12,005.61
Payable Number 48474	Description INSTALLATION OF QUOTED PARTS CHEVY VEHICLE/POLICE	Payable Date 02/02/2026	Due Date 02/02/2026	Discount Amount 0.00	Payable Amount 12,005.61	
Vendor Number TYL00	Vendor Name TYLER TECHNOLOGIES, INC					Total Vendor Amount 40,375.00
Payment Type Check	Payment Number 65703				Payment Date 02/03/2026	Payment Amount 40,375.00
Payable Number 025-540198	Description ERP PRO FEES YEAR 2 (2/1/26-1/31/27)	Payable Date 02/02/2026	Due Date 02/02/2026	Discount Amount 0.00	Payable Amount 40,375.00	
Vendor Number USP01	Vendor Name U. S. POST OFFICE					Total Vendor Amount 1,402.64
Payment Type Check	Payment Number 65704				Payment Date 02/03/2026	Payment Amount 1,402.64
Payable Number 2/2/2026	Description UTILITY BILLING MAILING FEB 2026	Payable Date 02/02/2026	Due Date 02/02/2026	Discount Amount 0.00	Payable Amount 1,402.64	
Vendor Number VER00	Vendor Name VERIZON WIRELESS					Total Vendor Amount 1,359.31
Payment Type Check	Payment Number 65705				Payment Date 02/03/2026	Payment Amount 1,359.31
Payable Number 2/2/2026	Description CITY CELL PHONE SERVICES	Payable Date 02/02/2026	Due Date 02/02/2026	Discount Amount 0.00	Payable Amount 1,359.31	

Payment Register

Payment Summary

Bank Code	Type	Payable Count	Payment Count	Discount	Payment
Wells Fargo AP	Check	116	51	0.00	702,988.81
Packet Totals:		116	51	0.00	702,988.81

Fund	Name	Amount
998	POOLED CASH	-702,988.81
Packet Totals:		-702,988.81



City of Colusa, CA

Payment Register

Item 8.

APPKT00071 - 02-24-2026

01 - Vendor Set 01

Bank: Wells Fargo AP - Wells Fargo AP

Vendor Number	Vendor Name					Total Vendor Amount
TOR02	AMBER TORRES					50.00
Payment Type	Payment Number	Payable Number	Description	Payable Date	Due Date	Payment Amount
Check	65762	2/24/2026	REFUND FOR SKI WEEK CAMP 2/17-2/19	02/24/2026	02/24/2026	50.00
		Discount Amount	Payable Amount			
		0.00	50.00			

Vendor Number	Vendor Name					Total Vendor Amount
VIL02	BLANCA VILLARUEL					50.00
Payment Type	Payment Number	Payable Number	Description	Payable Date	Due Date	Payment Amount
Check	65763	02/24/2026	REFUND SKI WEEK CAMP 2/17-2/19	02/24/2026	02/24/2026	50.00
		Discount Amount	Payable Amount			
		0.00	50.00			

Vendor Number	Vendor Name					Total Vendor Amount
VIG00	NICOLE VIGNEY					899.00
Payment Type	Payment Number	Payable Number	Description	Payable Date	Due Date	Payment Amount
Check	65764	2-24-2026	SUPERVISOR FOR OPEN GYM & BASKETBALL SCOREKEEPE	02/24/2026	02/24/2026	899.00
		Discount Amount	Payable Amount			
		0.00	899.00			

Payment Register

Payment Summary

Bank Code	Type	Payable Count	Payment Count	Discount	Payment
Wells Fargo AP	Check	3	3	0.00	999.00
Packet Totals:		3	3	0.00	999.00

Cash Fund Summary

Fund	Name	Amount
998	POOLED CASH	-999.00
Packet Totals:		-999.00



City of Colusa, CA

Bank: Wells Fargo AP - Wells Fargo AP

Vendor Number	Vendor Name					Total Vendor Amount
COM12	PARKER,LUCAS AND ASSOCIATES					70,655.28
Payment Type	Payment Number					Payment Amount
Check	65761					70,655.28
Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount	
2/17/2026	COMMUNITY DEV. SVCS AND EQUIPMENT COST	02/17/2026	02/17/2026	0.00	60,448.78	
2-17-2026	COMMUNITY DEV. SVCS OPERATING COST & EQUIPMENT	02/17/2026	02/17/2026	0.00	12,794.50	
2-17-26	INDIRECT COST CREDIT	02/17/2026	02/17/2026	0.00	-2,588.00	

Payment Register

Payment Summary

Bank Code	Type	Payable Count	Payment Count	Discount	Payment
Wells Fargo AP	Check	3	1	0.00	70,655.28
Packet Totals:		3	1	0.00	70,655.28

Cash Fund Summary

Fund	Name	Amount
998	POOLED CASH	-70,655.28
Packet Totals:		-70,655.28



City of Colusa, CA

Payment Register

Item 8.

APPKT00066 - 02-17-2026

Bank: Wells Fargo AP - Wells Fargo AP

Vendor Number	Vendor Name					Total Vendor Amount
	Void					0.00
Payment Type	Payment Number			Payment Date	Payment Amount	
**Void Check	65734			02/17/2026	0.00	
Vendor Number	Vendor Name					Total Vendor Amount
AIR00	AIRGAS USA, LLC					324.20
Payment Type	Payment Number			Payment Date	Payment Amount	
Check	65718			02/17/2026	324.20	
Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount	
5522576185	OXYGEN / FIRE	02/12/2026	02/12/2026	0.00	324.20	
Vendor Number	Vendor Name					Total Vendor Amount
ARN01	ARNOLD'S					517.41
Payment Type	Payment Number			Payment Date	Payment Amount	
Check	65719			02/17/2026	517.41	
Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount	
204777	BATTERY, BIG POST FOR LOADER / STREETS	02/12/2026	02/12/2026	0.00	504.35	
204892	TOP LINK PIN / STREETS	02/12/2026	02/12/2026	0.00	13.06	
Vendor Number	Vendor Name					Total Vendor Amount
ATT03	AT&T					115.14
Payment Type	Payment Number			Payment Date	Payment Amount	
Check	65720			02/17/2026	115.14	
Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount	
000024753809	CALNET DOJ / POLICE	02/12/2026	02/12/2026	0.00	115.14	
Vendor Number	Vendor Name					Total Vendor Amount
ATT04	AT&T MOBILITY					356.06
Payment Type	Payment Number			Payment Date	Payment Amount	
Check	65721			02/17/2026	356.06	
Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount	
2/12/2026	WIRELESS SERVICES / FIRE	02/12/2026	02/12/2026	0.00	356.06	
Vendor Number	Vendor Name					Total Vendor Amount
CIN00	CINTAS					335.57
Payment Type	Payment Number			Payment Date	Payment Amount	
Check	65722			02/17/2026	335.57	
Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount	
4258401552	LINEN MAINTENANCE	02/12/2026	02/12/2026	0.00	162.93	
4258401867	LINEN MAINTENANCE	02/12/2026	02/12/2026	0.00	172.64	
Vendor Number	Vendor Name					Total Vendor Amount
CIN01	CINTAS CORPORATION NO. 2					148.41
Payment Type	Payment Number			Payment Date	Payment Amount	
Check	65723			02/17/2026	148.41	
Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount	
5316950204	MEDICAL SUPPLIES	02/12/2026	02/12/2026	0.00	148.41	

Payment Register

APPKT00066 Item 8. 6

Vendor Number COL15	Vendor Name COLUSA COUNTY AUDITOR					Total Vendor Amount 41.33
Payment Type Check	Payment Number 65724			Payment Date 02/17/2026	Payment Amount 41.33	
Payable Number 4628	Description REIMBURSEMENT OF ALTERNATIVE SENTENCING JAN 202	Payable Date 02/12/2026	Due Date 02/12/2026	Discount Amount 0.00	Payable Amount 41.33	
Vendor Number COM08	Vendor Name COMCAST					Total Vendor Amount 78.00
Payment Type Check	Payment Number 65725			Payment Date 02/17/2026	Payment Amount 78.00	
Payable Number 2/12/2026	Description STANDARD CABLE SERVICES / FIRE	Payable Date 02/12/2026	Due Date 02/12/2026	Discount Amount 0.00	Payable Amount 78.00	
Vendor Number MAR10	Vendor Name DAVE MARKSS					Total Vendor Amount 1,331.70
Payment Type Check	Payment Number 65726			Payment Date 02/17/2026	Payment Amount 1,331.70	
Payable Number 2/12/2026	Description REIMBURSEMENT OF TRAVEL AND TRAINING	Payable Date 02/12/2026	Due Date 02/12/2026	Discount Amount 0.00	Payable Amount 1,331.70	
Vendor Number AVE00	Vendor Name DAVID AVERA					Total Vendor Amount 100.00
Payment Type Check	Payment Number 65727			Payment Date 02/17/2026	Payment Amount 100.00	
Payable Number 2/12/2026	Description DMV PHYSICAL REIMBURSEMENT / FIRE	Payable Date 02/12/2026	Due Date 02/12/2026	Discount Amount 0.00	Payable Amount 100.00	
Vendor Number DAV09	Vendor Name DAVIES CHEVRON					Total Vendor Amount 108.00
Payment Type Check	Payment Number 65728			Payment Date 02/17/2026	Payment Amount 108.00	
Payable Number 2/12/2026	Description CARWASH X9 / POLICE	Payable Date 02/12/2026	Due Date 02/12/2026	Discount Amount 0.00	Payable Amount 108.00	
Vendor Number JOH13	Vendor Name DEERE CREDIT INC.					Total Vendor Amount 2,044.83
Payment Type Check	Payment Number 65729			Payment Date 02/17/2026	Payment Amount 2,044.83	
Payable Number 3125851	Description MOWER LEASE	Payable Date 02/12/2026	Due Date 02/12/2026	Discount Amount 0.00	Payable Amount 2,044.83	
Vendor Number COLA5	Vendor Name DERODA INC.					Total Vendor Amount 413.82
Payment Type Check	Payment Number 65730			Payment Date 02/17/2026	Payment Amount 413.82	
Payable Number 143028	Description BATTERY CABLE, BOOSTER CABLE / FIRE	Payable Date 02/12/2026	Due Date 02/12/2026	Discount Amount 0.00	Payable Amount 324.74	
Payable Number 144616	Description LUBE FILTER / POLICE	Payable Date 02/12/2026	Due Date 02/12/2026	Discount Amount 0.00	Payable Amount 37.67	
Payable Number 144939	Description GASKET & LUCAS GEAR OIL / FIRE	Payable Date 02/12/2026	Due Date 02/12/2026	Discount Amount 0.00	Payable Amount 44.41	
Payable Number 144946	Description GASKETS/ FIRE	Payable Date 02/12/2026	Due Date 02/12/2026	Discount Amount 0.00	Payable Amount 7.00	
Vendor Number DYN00	Vendor Name DYNASTY PUMPS, INC					Total Vendor Amount 24,557.99
Payment Type Check	Payment Number 65731			Payment Date 02/17/2026	Payment Amount 24,557.99	
Payable Number 1598	Description STORM DRAIN WILL S GREEN AVE	Payable Date 02/17/2026	Due Date 02/17/2026	Discount Amount 0.00	Payable Amount 24,557.99	

Payment Register
APPKT00066 Item 8. **6**

Vendor Number	Vendor Name					Total Vendor Amount
FUL00	FULCHER PAINT & SUPPLY					80.43
Payment Type	Payment Number	Payment Date	Payment Amount			
Check	65732	02/17/2026	80.43			
Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount	
00025810	50FT HOSE / STREETS	02/12/2026	02/12/2026	0.00	80.43	

Vendor Number	Vendor Name					Total Vendor Amount
MES00	GEORGE L. MESSICK CO.					2,530.49
Payment Type	Payment Number	Payment Date	Payment Amount			
Check	65733	02/17/2026	2,530.49			
Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount	
653409/1	DUR. BATTERIES / FIRE	02/12/2026	02/12/2026	0.00	15.21	
653598/1	STABLE GUN AND STAPLES / FIRE	02/12/2026	02/12/2026	0.00	30.43	
653663/1	WORK LIGHT LED / FIRE	02/12/2026	02/12/2026	0.00	108.74	
653796/1	GORILLA TAPE, SPRAY BOTTLE / STREETS	02/12/2026	02/12/2026	0.00	29.99	
653848/1	MARK PAINT / STREETS	02/12/2026	02/12/2026	0.00	10.86	
653871/1	CORD EXTENSION / FIRE	02/12/2026	02/12/2026	0.00	3.25	
653892/1	EX CORD / FIRE	02/12/2026	02/12/2026	0.00	108.74	
653895/1	CORD POWER CLOCK / FIRE	02/12/2026	02/12/2026	0.00	19.56	
654064/1	BUILDING MAINTENANCE / FIRE	02/12/2026	02/12/2026	0.00	31.52	
654192/1	CORT EXTENSION / FIRE	02/12/2026	02/12/2026	0.00	17.39	
654394/1	ELECTRIC TAPE / FIRE	02/12/2026	02/12/2026	0.00	4.33	
654579/1	CLEANER DRAIN SNAKE PLUS / FIRE	02/12/2026	02/12/2026	0.00	10.86	
654738/1	BUILDING MAINTENANCE / FIRE	02/12/2026	02/12/2026	0.00	31.52	
654852/1	EXTN CORD / FIRE	02/12/2026	02/12/2026	0.00	21.74	
654879/1	CLEANER PINE SOL / FIRE	02/12/2026	02/12/2026	0.00	18.48	
654932/1	HANGER STORAGE AND FASTENERS / FIRE	02/12/2026	02/12/2026	0.00	40.62	
654955/1	STEEL / FIRE	02/12/2026	02/12/2026	0.00	32.61	
655177/1	EQUIPMENT MAINTENANCE / FIRE	02/17/2026	02/17/2026	0.00	54.35	
655247/1	UTILITY GLOVES / WATER	02/17/2026	02/17/2026	0.00	57.60	
655252/1	EQUIPMENT MAINTENANCE / SEWER	02/17/2026	02/17/2026	0.00	24.33	
655271/1	BOAT RAMP MAINTENANCE	02/17/2026	02/17/2026	0.00	108.74	
655293/1	CHIEFS OFFICE PAINT / FIRE	02/17/2026	02/17/2026	0.00	165.55	
655529/1	BUILDING MAINTENANCE / FIRE	02/17/2026	02/17/2026	0.00	12.59	
655579/1	CLEANING SUPPLIES / PARKS	02/17/2026	02/17/2026	0.00	121.73	
655597/1	SUPPLIES / STREETS	02/12/2026	02/12/2026	0.00	15.21	
655659/1	EQUIPMENT MAINTENANCE / SEWER	02/12/2026	02/12/2026	0.00	146.70	
655720/1	ECHO OIL & BOLT CUTTER / PARKS	02/12/2026	02/12/2026	0.00	53.27	
655727/1	GLOVES & UTILITY GLOVES / STREETS	02/12/2026	02/12/2026	0.00	41.94	
655754/1	CHAIN SAW / PARKS	02/17/2026	02/17/2026	0.00	424.11	
655814/1	LINE TRIMMER / CITY HALL	02/12/2026	02/12/2026	0.00	26.09	
655995/1	SUPPLIES / PARKS	02/17/2026	02/17/2026	0.00	55.43	
656025/1	BOOTS MUCH CHORE / STREETS	02/12/2026	02/12/2026	0.00	152.24	
656029/1	PURECHLORINE / WATER	02/12/2026	02/12/2026	0.00	110.89	
656097/1	SHARPIE AND TAPE FOR CHRISTMAS BANNER / STREETS	02/12/2026	02/12/2026	0.00	13.46	
656111/1	SUPPLIES/ STREETS	02/12/2026	02/12/2026	0.00	37.27	
656135/1	BATTERY 8PK / STREETS	02/12/2026	02/12/2026	0.00	21.74	
656207/1	ENGINE OIL & LINE TRIMMER / PARKS	02/17/2026	02/17/2026	0.00	34.34	
656532/1	FASTENERS, GORILLA SPRAY FOR SHOP / STREETS	02/12/2026	02/12/2026	0.00	28.89	
656542/1	LEVER FLUSH / CITY HALL	02/17/2026	02/17/2026	0.00	10.86	
656583/1	EQUIPMENT MAINTENANCE / STATE PARK	02/17/2026	02/17/2026	0.00	10.86	
656635/1	CLEANING SUPPLIES / STREETS	02/17/2026	02/17/2026	0.00	22.82	
656728/1	EQUIPMENT MAINTENANCE / FIRE	02/17/2026	02/17/2026	0.00	84.34	
656792/1	OIL FOR CHAINSAWS / PARKS	02/17/2026	02/17/2026	0.00	31.53	
656902/1	SHOP SUPPLIES / STREETS	02/17/2026	02/17/2026	0.00	48.87	
656928/1	CLEANING SUPPLIES / CITY HALL	02/17/2026	02/17/2026	0.00	78.89	

Payment Register

APPKT00066

Item 8.

6

Vendor Number	Vendor Name	Total Vendor Amount				
GRI01	GRIFF'S FEED & SEED	343.52				
Payment Type	Payment Number	Payment Date	Payment Amount			
Check	65735	02/17/2026	343.52			
Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount	
3455	ARIAT BOOTS FOR FABIAN E.	02/12/2026	02/12/2026	0.00	200.00	
3523	WRANGLER PANTS FOR FABIAN E.	02/12/2026	02/12/2026	0.00	143.52	
Vendor Number	Vendor Name	Total Vendor Amount				
IW000	IWORQ SYSTEMS INC	5,500.00				
Payment Type	Payment Number	Payment Date	Payment Amount			
Check	65736	02/17/2026	5,500.00			
Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount	
215215	PERMIT MANAGEMENT-PLAN REVIEW	02/12/2026	02/12/2026	0.00	5,500.00	
Vendor Number	Vendor Name	Total Vendor Amount				
MUN02	JASMIN MUNOZ	200.00				
Payment Type	Payment Number	Payment Date	Payment Amount			
Check	65737	02/17/2026	200.00			
Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount	
2/12/2026	REIMBURSEMENT OF SCOUT CABIN DEPOSIT 1/31/2026	02/12/2026	02/12/2026	0.00	200.00	
Vendor Number	Vendor Name	Total Vendor Amount				
JON03	JONES MAYER	7,629.04				
Payment Type	Payment Number	Payment Date	Payment Amount			
Check	65738	02/17/2026	7,629.04			
Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount	
139099	ATTORNEY SERVICES	02/17/2026	02/17/2026	0.00	7,629.04	
Vendor Number	Vendor Name	Total Vendor Amount				
CUR00	L.N. CURTIS AND SONS	218.35				
Payment Type	Payment Number	Payment Date	Payment Amount			
Check	65739	02/17/2026	218.35			
Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount	
INV1030731	BLACK STEEL TIE BOOTS / FIRE	02/12/2026	02/12/2026	0.00	218.35	
Vendor Number	Vendor Name	Total Vendor Amount				
LAW02	LAWRENCE M. HIGHMAN M.D.	189.00				
Payment Type	Payment Number	Payment Date	Payment Amount			
Check	65740	02/17/2026	189.00			
Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount	
2/12/2026	FIREFIGHTER PHYSICAL	02/12/2026	02/12/2026	0.00	189.00	
Vendor Number	Vendor Name	Total Vendor Amount				
LES01	LES SCHWAB TIRE CENTER	148.52				
Payment Type	Payment Number	Payment Date	Payment Amount			
Check	65741	02/17/2026	148.52			
Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount	
62100420429	EQUIPMENT MAINTENANCE / STREETS	02/12/2026	02/12/2026	0.00	148.52	
Vendor Number	Vendor Name	Total Vendor Amount				
HOG00	MIKAH D HOGAN	374.78				
Payment Type	Payment Number	Payment Date	Payment Amount			
Check	65742	02/17/2026	374.78			
Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount	
2/12/2026	CRASH SCHOOL EXPENSE REIMBURSEMENT	02/12/2026	02/12/2026	0.00	374.78	

Payment Register

APPKT00066 Item 8. 6

Vendor Number NOR64	Vendor Name NOR-CAL PUMP & WELL DRILLING, INC					Total Vendor Amount 154,035.00
Payment Type Check	Payment Number 65743	Payable Number 2/12/2026	Description WELL 6 APPLICATION 2 / WATER	Payable Date 02/12/2026	Due Date 02/12/2026	Payment Date 02/17/2026 Payment Amount 154,035.00 Discount Amount 0.00 Payable Amount 154,035.00
Vendor Number PAC03	Vendor Name PACIFIC STORAGE COMPANY					Total Vendor Amount 80.64
Payment Type Check	Payment Number 65744	Payable Number 5299688	Description SERVICE 64 GAL TOTE / FINANCE	Payable Date 02/12/2026	Due Date 02/12/2026	Payment Date 02/17/2026 Payment Amount 80.64 Discount Amount 0.00 Payable Amount 80.64
Vendor Number BLU01	Vendor Name PRIMO BRANDS					Total Vendor Amount 209.03
Payment Type Check	Payment Number 65745	Payable Number 2/12/2026	Description SPRING WATER, RENT & DELIVERY FEE	Payable Date 02/12/2026	Due Date 02/12/2026	Payment Date 02/17/2026 Payment Amount 209.03 Discount Amount 0.00 Payable Amount 162.20
		2/17/2026	LATE FEE ADJUSTMENT	02/17/2026	02/17/2026	0.00 -40.00
		2-12-2026	SPRING WATER, DELIVERY AND RENT FEE / FIRE	02/12/2026	02/12/2026	0.00 86.83
Vendor Number QUI01	Vendor Name QUILL CORPORATION					Total Vendor Amount 203.10
Payment Type Check	Payment Number 65746	Payable Number 47479168	Description OFFICE SUPPLIES / POLICE	Payable Date 02/12/2026	Due Date 02/12/2026	Payment Date 02/17/2026 Payment Amount 203.10 Discount Amount 0.00 Payable Amount 203.10
Vendor Number REA01	Vendor Name READING OIL, INC.					Total Vendor Amount 1,313.37
Payment Type Check	Payment Number 65747	Payable Number 2/17/2026	Description FUEL	Payable Date 02/17/2026	Due Date 02/17/2026	Payment Date 02/17/2026 Payment Amount 1,313.37 Discount Amount 0.00 Payable Amount 1,313.37
Vendor Number REG00	Vendor Name REGIONAL HOUSING AUTHORITY					Total Vendor Amount 4,621.50
Payment Type Check	Payment Number 65748	Payable Number 1031	Description 2025 HOME COMPLIANCE MONITORING FEE / FINANCE	Payable Date 02/12/2026	Due Date 02/12/2026	Payment Date 02/17/2026 Payment Amount 4,621.50 Discount Amount 0.00 Payable Amount 4,621.50
Vendor Number SEL01	Vendor Name SELOVER'S INC.					Total Vendor Amount 636.20
Payment Type Check	Payment Number 65749	Payable Number 2/17/2026	Description TOW FEE - W/S	Payable Date 02/17/2026	Due Date 02/17/2026	Payment Date 02/17/2026 Payment Amount 636.20 Discount Amount 0.00 Payable Amount 636.20
Vendor Number SIL01	Vendor Name SILICON RANCH CORPORATION					Total Vendor Amount 2,524.14
Payment Type Check	Payment Number 65750	Payable Number INV00018110	Description SERVICE CHARGES 1/1/26-1/31/26	Payable Date 02/12/2026	Due Date 02/12/2026	Payment Date 02/17/2026 Payment Amount 2,524.14 Discount Amount 0.00 Payable Amount 2,524.14

Payment Register

APPKT00066 Item 8. 6

Vendor Number STA07	Vendor Name STATE WATER RESOURCES CONTROL BOARD					Total Vendor Amount 201.00
Payment Type Check	Payment Number 65751		Payment Date 02/17/2026	Payment Amount 201.00		
Payable Number 2/17/2026	Description WASTEWATER DUAL RENEWAL JESSE CAIN / SEWER	Payable Date 02/17/2026	Due Date 02/17/2026	Discount Amount 0.00	Payable Amount 201.00	
Vendor Number MAU05	Vendor Name SUFAIN MAUZOOR					Total Vendor Amount 480.02
Payment Type Check	Payment Number 65752		Payment Date 02/17/2026	Payment Amount 480.02		
Payable Number 2/12/2026	Description UTILITY BILL FINAL CLOSURE REIMBURSEMENT	Payable Date 02/12/2026	Due Date 02/12/2026	Discount Amount 0.00	Payable Amount 480.02	
Vendor Number ADV06	Vendor Name SUPERIOR CALIFORNIA OFFICE EQUIPMENT					Total Vendor Amount 11.01
Payment Type Check	Payment Number 65753		Payment Date 02/17/2026	Payment Amount 11.01		
Payable Number INV178719	Description COPIER METER USAGE / POLICE	Payable Date 02/12/2026	Due Date 02/12/2026	Discount Amount 0.00	Payable Amount 11.01	
Vendor Number SUP01	Vendor Name SUPERIOR TIRE SERVICE					Total Vendor Amount 190.70
Payment Type Check	Payment Number 65754		Payment Date 02/17/2026	Payment Amount 190.70		
Payable Number 319994	Description INTERSTATE BATTERRIES (GATOR) / STATE PARK	Payable Date 02/17/2026	Due Date 02/17/2026	Discount Amount 0.00	Payable Amount 190.70	
Vendor Number TIR00	Vendor Name TIRE HUB, LLC					Total Vendor Amount 1,572.14
Payment Type Check	Payment Number 65755		Payment Date 02/17/2026	Payment Amount 1,572.14		
Payable Number 55970471	Description EQUIPMENT MAINTENANCE / POLICE	Payable Date 02/12/2026	Due Date 02/12/2026	Discount Amount 0.00	Payable Amount 139.01	
Payable Number 56019294	Description FIREHAWK PURSUIT / POLICE	Payable Date 02/12/2026	Due Date 02/12/2026	Discount Amount 0.00	Payable Amount 1,433.13	
Vendor Number TRA00	Vendor Name TRANSUNION RISK AND ALTERNATIVE					Total Vendor Amount 100.00
Payment Type Check	Payment Number 65756		Payment Date 02/17/2026	Payment Amount 100.00		
Payable Number 1368807-202601-1	Description MINIMUM USAGE ADJUSTMENT / POLICE	Payable Date 02/12/2026	Due Date 02/12/2026	Discount Amount 0.00	Payable Amount 100.00	
Vendor Number TRI02	Vendor Name TRI COUNTIES BANK					Total Vendor Amount 6,408.96
Payment Type Check	Payment Number 65757		Payment Date 02/17/2026	Payment Amount 6,408.96		
Payable Number 2/17/2026	Description OFFICE EXPENSES	Payable Date 02/17/2026	Due Date 02/17/2026	Discount Amount 0.00	Payable Amount 6,408.96	
Vendor Number TYL00	Vendor Name TYLER TECHNOLOGIES, INC					Total Vendor Amount 12,542.50
Payment Type Check	Payment Number 65758		Payment Date 02/17/2026	Payment Amount 12,542.50		
Payable Number 025-542403	Description ERP PRO FINANCIALS (ARPA)	Payable Date 02/12/2026	Due Date 02/12/2026	Discount Amount 0.00	Payable Amount 12,542.50	

Payment Register

APPKT00066 Item 8. 6

Vendor Number	Vendor Name					Total Vendor Amount	
USA01	USA BLUEBOOK					276.72	
Payment Type	Payment Number					Payment Date	Payment Amount
Check	65759					02/17/2026	276.72
Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount		
INV00945592	ONLINE SAMPLE VIAL FOR TESTING / SEWER	02/12/2026	02/12/2026	0.00	276.72		

Vendor Number	Vendor Name					Total Vendor Amount	
XER00	XEROX CORPORATIONS					828.69	
Payment Type	Payment Number					Payment Date	Payment Amount
Check	65760					02/17/2026	828.69
Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount		
41544599	COPIER LEASE PAYMENT	02/12/2026	02/12/2026	0.00	828.69		

Payment Register

Payment Summary

Bank Code	Type	Payable Count	Payment Count	Discount	Payment
Wells Fargo AP	Check	95	42	0.00	233,921.31
Wells Fargo AP	Voided **Void Check	0	1	0.00	0.00
Packet Totals:		95	43	0.00	233,921.31

Cash Fund Summary

Fund	Name	Amount
998	POOLED CASH	-233,921.31
Packet Totals:		-233,921.31

Quarterly Commission Report

Item 9.

PRT

Covering Dates from January 15, 2026

Preparation Date March 1, 2026

Prepared By: Leslie Poland

Meeting Dates					
1/15/2026					

Please indicated attendance by: P –present and on time, L –present but late, A –absent

Present:

Elizabeth Yerxa, Chair
Jamie Davis-Meyer, Vice Chair
Leslie Poland, Secretary
Patty Hickel, Commissioner
Cynthia White, Commissioner
Jesse Cain, City Manager
Denise Conrado, City Council
Cliff Burrious, Recreation Director

Absent:

Thomas Roach, Commissioner

Actions Taken (Please list all actions taken, recommendations made, ongoing discussions):

1. Approval of November 13, 2025 Draft Minutes: Approved
2. State of the Parks report –Commissioners: Attached report plus the following:
 - A. Sankey park: Swing has been broken twice, but has been fixed, Regular swing is too low. The City manager mentioned they would fix this. Additionally the drinking fountain and grill as this park has been broken for a couple of years now.
 - B. Davison park: Firefighter memorial tree planted. Memorial bench is almost ready for instillation.
3. Trees for Tomorrow—update on most recent planning cycle; also, care and staking of planted trees—Antonio Ortiz et al: Still a few trees to be planted, with 13 total tree planted this round.
4. Updating tree list—add more native species—Jamie and guest speaker: Discussion of the benefits of native tree in landscaping, including the importance of evaluating the site before planting native trees. Also a general discussion of various native tree species. Commissioner Jamie Davis-Meyers will meet with Conservation District team and review the current city tree list and report back to the commission. During this discussion the City Manager said the city would update the City website with the newest tree list. This newest list does not appear to be available on the city's website anymore.

5. Financial report—balance in PRT account?: City Manager informed the PRT Commission there is no separate account for parks, recreation and trees in the city. City Manager told the Commissioners he will send them an email on what funds are available in measure B and Impact fees funds for parks, recreation and trees. This email will be sent before the next PRT commission meeting.

6. Gathering info for historic park signage: PRT Commissioners will draft language for historical signs at the parks which will be installed as the part of the Clean CA grant. There was discussion as to which parks will have signs installed. The Commissioners will draft language for these signs and send this language to Commissioner Leslie Poland who will compile the sign descriptions. Commissioners asked to submit information by January 29, 2026. The Commissioners will review these write up and submit to the city grant writer on February 5, 2026. Later information provided by the city grant writer informed the Commissioners only historical sign descriptions are need for Will S Green park, Sankey Elmwood Park, Leland Taylor Park and Memorial Par.

7. Clean CA grant—Scheduling required park clean-up days: PRT Commissioners assigned the various parks stated the following days for park clean ups:

- A. Memorial Park: June 6, 2026 9 am
- B. Davison & Will S Green Park: April 18, 2026 9 am
- C. CD Semple Park: March 7, 2026 9 am
- D. Sankey Elmwood Park: May 16, 2026 9 am

8. Update on leasing space at OLL—Patty/Cliff: No report at this time

9. Revisit policy on tree removal in mow strips: If a city customer wants a city tree removed they need to make this request to the PRT commission.

OLD BUSINESS

- Update on facilities rentals—new policy for Scouts and other non-profits?: City Manager mentioned no new policy has been written yet.
- D-PRAT follow up—Jesse? Denise?: Update the first week in February
- Painting basketball lines at CD Semple—Jesse, DJ: City manager mentioned there is no time for the city to do this at this time

1

- Update on elm trees (public and private treatment)—Jesse: City Manager mentioned he will reach out to the contractor doing this treatment to find out schedule and provide an update to the PRT commission what has been completed by the contractor
- Update on new well in Memorial Park—Jesse: City Manager mentioned the city is waiting on water sample results before the well can be completed.
- Update on dog park: City Manager mentioned they have the supplies for this project, but the city staff does not have the time to install this equipment.



City of Colusa, California

STAFF REPORT

DATE: March 17, 2026
TO: Mayor and Members of Council
FROM: Jake Morley, Planning Consultant

AGENDA ITEM: Consideration of a Resolution accepting the 2025 Annual Progress Report for the General Plan and Housing Element

RECOMMENDATION:

Adopt the Resolution accepting the 2025 General Plan Annual Progress Report and the Housing Annual Progress Report, authorizing submittal to the Governor's Office of Land Use and Climate Innovation and the California Department of Housing and Community Development.

BACKGROUND:

California Government Code Section 65400 requires cities and counties to submit an annual report on the jurisdiction's progress in implementing the General Plan, particularly the Housing Element.

The progress report tracks implementation of policies, programs, and goals outlined in the General Plan. It must be submitted to the Governor's Office of Planning and Research (OPR) and Department of Housing and Community Development (HCD) by April 1st of each year.

The General Plan Annual Report is strictly a reporting document and does not create or modify any City goals or policies found within the General Plan. It must be presented to the City Council for review and acceptance before submission to OPR and HCD.

PUBLIC CONTACT:

The agenda was posted in accordance with the Brown Act.

ENVIRONMENTAL REVIEW:

The Annual Reports are exempt from the California Environmental Quality Act (CEQA) pursuant to Section 15306 – Information Collection, as the Annual Reports consist of basic data collection that does not result in any serious or major disturbances to an environmental resource.

BUDGET IMPACT: None Expected

ATTACHMENTS:

- A. Resolution 26-__
- B. 2025 General Plan and Housing Element Annual Report
 - Exhibit I - Government Code Section 65400
 - Exhibit II - Housing Element Annual Report

RESOLUTION NO. 26 - ____

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF COLUSA ACCEPTING THE 2025 ANNUAL PROGRESS REPORT FOR THE GENERAL PLAN AND HOUSING ELEMENT AND AUTHORIZING SUBMITTAL TO THE GOVERNOR’S OFFICE OF LAND USE AND CLIMATE INNOVATION AND THE CALIFORNIA DEPARTMENT OF HOUSING AND COMMUNITY DEVELOPMENT

WHEREAS, Government Code Section 65400 requires the planning agency to provide an annual report to the City Council regarding the progress towards implementation of the General Plan and Housing Element and submit an annual progress report by April 1 of each year to the Governor’s Office of Land Use and Climate Innovation and the California Department of Housing and Community Development; and

WHEREAS, city staff have prepared an annual report regarding the progress and implementation of the General Plan and Housing Element for the calendar year 2025, utilizing the prescribed forms and instructions provided by the California Department of Housing and Community Development; and

WHEREAS, the City Council has considered the efforts undertaken by the City of Colusa to implement the General Plan and Housing Element through both public and private efforts; and

WHEREAS, the City Council finds that the 2025 Annual Progress Report, which includes the General Plan and Housing Element Annual Progress Report, is categorically exempt from California Environmental Quality Act (CEQA), Section 15306, Information Collection; and

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

Section 1. The above recitals are true and correct and incorporated herein by reference.

Section 2. The City Council has reviewed and accepted the 2025 Annual Progress Report for the General Plan and Housing Element

Section 3. The City Council authorizes staff to submit said reports to the Governor’s Office of Land Use and Climate Innovation and the California Department of Housing and Community Development pursuant to Government Code Section 65400.

Section 4. This Resolution is effective upon its adoption.

THE FOREGOING RESOLUTION was duly introduced and passed at a regular meeting of the City of Colusa City Council Meeting held on the 17th day of March 2026, by the following vote.

AYES:

NOES:

ABSTAIN:

ABSENT:

DENISE CONRADO, MAYOR

ATTEST:

Shelly Kittle, City Clerk

General Plan Annual Progress Report 2025

City of Colusa



Prepared by
Jesse Cain, City Manager
Jake Morley, Planning Consultant
City Hall 425 Webster Street,

March 17, 2026

Table of Contents

Introduction	3
General Plan Background	4
Elements	5
LAND USE	5
COMMUNITY CHARACTER & DESIGN	6
CIRCULATION	7
SAFETY	7
PARKS, RECREATION & RESOURCE CONSERVATION	8
NOISE	9
MUNICIPAL FACILITIES & SERVICES	9
HOUSING	10
Conclusion	13

Appendices

APPENDIX A:	CALIFORNIA GOVERNMENT CODE SECTION 65400
APPENDIX B:	ANNUAL HOUSING ELEMENT PROGRESS REPORT, CALIFORNIA DEPARTMENT OF HOUSING AND COMMUNITY DEVELOPMENT

Introduction

Government Code Section 65400(a)(2) requires planning agencies to provide an annual report to the legislative body, the Governor’s Office of Land Use and Climate Innovation (LCI), and the California Department of Housing and Community Development (HCD) on the status of their General Plan and progress in its implementation. The report must detail progress in meeting the jurisdiction’s share of the regional housing need and the local agency's efforts to remove governmental constraints on the maintenance, improvement, and development of housing.

The purpose of the Annual Progress Report is to: 1) assess how the General Plan is being implemented in accordance with adopted goals, policies, and implementation measures; 2) identify any necessary adjustments or modifications to the General Plan to improve local implementation; 3) provide a clear correlation between land use decisions that have been made during the 12-month reporting period and the goals, policies, and implementation measures contained in the General Plan; and 4) provide information regarding local agency progress in meeting its share of the regional housing need.

The current City of Colusa General Plan was originally adopted on October 30, 2007. At the time of its adoption, the General Plan contained the seven State-required elements. The State allows combining elements or adding new elements, as long as the required seven elements are present in some form. The Colusa General Plan contains the following eight elements:

- Land Use
- Community Character and Design (optional)
- Circulation
- Safety
- Parks, Recreation, and Resource Conservation (combined with Open Space and Conservation)
- Noise
- Municipal Facility and Services (optional)
- Housing Element (Cycle 2020-2028)

General Plan Background

The City of Colusa 2007 General Plan serves as a long-term policy guide for physical and economic growth and environmental sustainability. The General Plan is used to inform citizens, developers, agencies, interest groups, and others of the ground rules that will guide development-related decisions in the community. The General Plan provides a long-term vision for the community, and, through its goals, policies, and implementation programs, indicates how that vision may be achieved over time.

The City of Colusa General Plan addresses planning through the year 2025 with four stated fundamental purposes:

- To enable the Planning Commission and the City Council to make informed land use decisions that affect the City's quality of life.
- To inform the public of the City's policy approaches and to serve as a vehicle to invite public participation in the City's decision-making process.
- To provide a basis for evaluating whether private and public development proposals and public programs are in harmony with Colusa's short-term objectives and long-term vision.
- To provide private developers and public agencies with clear expectations of new development proposals to ensure their consistency with Colusa's development priorities.

The following represents the progress the City has made towards implementing the General Plan and Housing Element during the Calendar Year 2025 reporting period, which looks at the 2020-2028 6th Cycle Housing Element.

The information that follows is organized to correspond to the elements of the Colusa General Plan.

Elements

LAND USE

The broadest section of the General Plan is the Land Use Element. The Land Use Element provides the framework for community development and designates the type, intensity, and general distribution of land uses for housing, business, industry, open space, education, public buildings and grounds, waste disposal facilities, and other categories of public and private uses. It is the guide to the City's physical form. The Land Use Element also guides coordination and planning with local agencies, including the County, Airport Land Use Commission, Colusa Unified School District, and the State.

The Land Use Element consists of nine Goals that address the maintenance of well-defined urban boundaries and the provision of buffers between the city and agricultural practices. The element goals discuss development in an efficient manner to minimize infrastructure extension, support infill development, and provide a comprehensive plan rather than a piecemeal approach. A common theme throughout the General Plan, not just the Land Use Element, is the provision of an economically vibrant Riverfront District that reflects the area's culture and history. This Element also discusses an expanding, increasingly diversified local economy that will meet residents' employment needs and strengthen the local tax base.

Amendments

State Law limits the number of times each mandatory element of the General Plan, such as the Land Use Element, can be amended to a maximum of four times per calendar year.

The Land Use Element of the Colusa General Plan was not amended during 2025.

Progress towards meeting Goals and Guiding Policies of the Land Use Element

Home Occupancy Ordinance – Approved

In October, an ordinance was enacted to amend the Colusa Municipal Code, specifically altering the regulations regarding Home Occupancy Permits (HOP). The amendment removes the discretionary requirements for these permits, allowing them to be issued by right in residential zoning districts if they comply with standards. The goal of this change is to promote home-based businesses while eliminating the expensive and subjective entitlement costs incurred at the local level.

Colusa Meat Processing Facility – Use Permit – Approved

Upon appeal, the City Council approved a Use Permit to allow the operation of a new 3,600 square foot, state-of-the-art meat processing facility. The US Department of Agriculture and California Department of Food and Agriculture have certified the facility as a slaughter and processing facility for cattle, hogs, sheep, and goats. The project received funding through the California Jobs First program, supported by We Prosper Together, a regional collaborative covering Colusa and seven other counties. The project is considered a “last mile” initiative aimed at improving local agricultural economic growth, creating jobs, and bridging the gap between local producers and consumers.

NextGrid Solar Field – Use Permit – Approved

A 27-acre site between the Colusa Municipal Airport and residential zone land that would be developed with approximately 13,156 modules (panels) and a Battery Energy Storage System that monitors the solar system, while adjusting voltage, temperature, and contains a fire warning. This passive land use on Industrial zoned land will act as a buffer between the airport and residential land uses to the north.

COMMUNITY CHARACTER & DESIGN

Community Character refers to the physical characteristics that give the community shape, form, and identity. Concepts such as “small town,” “quality of life,” “living environment,” “neighborhood,” and “community” are, to a large extent, expressions of familiar physical characteristics – landmarks, streets, buildings, parks, and natural features that create a unique identity in every community. “Community design” or “urban design” refers to the architectural and engineering design principles that create the shape, form, and appearance of both new development and the redevelopment of existing districts and neighborhoods. The Community Character and Design Element is not a state-mandated element, as are others in this General Plan. Rather, it is an optional element that provides policy direction to guide community design as new development occurs.

The Community Character & Design Element consists of 17 Goals that ensure the preservation and enhancement of Colusa’s unique community character and vitality within its neighborhoods and business districts, while balancing growth with the natural environment. The element discusses creating a strong historic Downtown and Riverfront Districts, providing community-gathering locations in new developments and wayfinding and focal points at strategic locations. New development should reflect and enhance the character of Colusa, be well designed, and provide opportunities for multi-family projects.

Amendments

The Community Character & Design Element of the Colusa General Plan was not amended during 2025

Progress towards meeting the Goals and Guiding Policies of the Community Character & Design Element**Sidewalk Vending Ordinance – Approved**

In October, an ordinance amending the Colusa Municipal Code to comply with SB 972 (2023) and SB 635 (2025) was passed, permitting sidewalk vending in the public right-of-way. The ordinance restricted vending in specific areas for safety reasons while permitting both mobile and stationary vending.

Colusa Levee Scenic Park – Stair Upgrade

In partnership with the Rotary Club of Colusa, the aging railroad ties used as stairs to access the top of the levee were replaced with concrete stairs.

CIRCULATION

The purpose of this Element is to provide an overview of the means of transport to, from, and within the City of Colusa and the City's Planning Area, and to address how these different methods can complement each other to make the City's circulation system work more efficiently and effectively.

The Circulation Element consists of nine goals that address providing a circulation system that serves all modes of travel and all individuals within the community. The Element desires adequate parking, connectivity, and attractive, efficient bicycle and pedestrian routes. While creating the waterfront as a regional destination for both recreational and commercial water transportation activities.

Colusa County 2025 Regional Transportation Plan

City leaders were involved in the development and adoption of the 2025 Regional Transportation Plan by Colusa County. This plan directs transportation investments, prioritizes projects, identifies funding sources, and schedules the implementation of future projects.

Wescott Road Realignment Project - Construction

Physical construction started on the Wescott Road Realignment Project at Westcott Road and Highway 20/45. The project includes new vehicle turning movements and signalization of the intersection.

Phase 2 - Road Repair & Re-pavement (Measure B) – Constructed

Measure B is a local initiative designed to support and enhance infrastructure and public safety within the City through a modest sales tax increase. City began street resurfacing as an ongoing effort to maintain and improve local roadways.

SAFETY

This Element includes police, fire, emergency response, and health services – all critical aspects of planning for the health, safety, and welfare of Colusa residents. Section also, although minimal given Colusa's location, discusses seismic and geological goals and policies.

The Safety Element consists of eight goals that address minimizing injury and property damage from seismic, geological, fire, and flooding events. Ensure the community airport operations are sufficient, while police and emergency medical services are well-planned and cost-effective, and health care services are conveniently available to the population.

Amendments

The Safety Element of the Colusa General Plan was not amended during 2025

Progress towards meeting the Goals and Guiding Policies of the Safety Element

Purchase of Surplus Type 1 OES Engine (Measure B)

Measure B is a local initiative designed to support and enhance infrastructure and public safety within the City through a modest sales tax increase. Using these funds in May, the city acquired a new Type 1 OES Engine with both pumping and ladder capabilities, maintaining the current ISO rating of 3 and bringing the total Fire Department fleet to 5 vehicles.

New Police Station Preliminary Plan and Analysis

Through the summer, the City engaged a consulting firm to draft a preliminary site plan for a new police station on 3.66 acres of city-owned land along Highway 20/45. The plan provides sufficient design for the staff to begin the necessary initial planning and environmental analysis.

Colusa Police Department FLOCK Cameras (Measure B)

Measure B is a local initiative designed to support and enhance infrastructure and public safety within the City through a modest sales tax increase. Utilizing these funds, the city purchased a cloud-based camera system that provides real-time alerts and investigative leads, helping officers locate stolen vehicles, identify suspected vehicles in criminal investigations, and locate vehicles involved in violent crimes.

PARKS, RECREATION & RESOURCE CONSERVATION

Parks, recreation, and resource conservation policies serve as an important tool that can help ensure that Colusa's quality of life continues to improve as new development occurs. Maintaining and expanding existing parklands and facilities, as well as acquiring new ones, is essential for improving the City's recreational programs and parks.

The Parks, Recreation & Resource Conservation Element consists of seven goals that address the preservation, protection, and enhancement of an interconnected system of significant open space. It also has a geographically distributed and well-maintained system of parks and recreational facilities for all city residents to participate in. The element discusses improving air quality as a health benefit and the role of natural resources.

Amendments

The Parks, Recreation & Resource Conservation of the Colusa General Plan was not amended during 2025

Progress towards meeting the Goals and Guiding Policies of the Parks, Recreation & Resource Conservation**C.D. Semple Park – Adaptive Play Structure**

In March, through funds from the American Rescue Plan Act (ARPA) and Measure B, an Adaptive Play Structure with Pour-in-Place Grounding was installed, creating a smooth, cushioned surface for safe, easy mobility and providing an inclusive play space designed for children of all abilities.

Tree Trimming and Maintenance (Measure B)

Measure B is a local initiative designed to support and enhance infrastructure and public safety within the City through a modest sales tax increase. City Public Works staff utilized Measure B funds to attend to the city's urban forest, which involved the trimming and maintenance of trees located in the public right-of-way.

Trees for Tomorrow

The Parks, Recreation, and Tree Commission, with support from the Colusa Rotary Club, purchased and planted trees for residents who requested new trees in mowed strips near their properties.

Recreation Department

The recreation department's strength continued throughout 2025, with a significant number of public activities, including spring and summer camps and after-school classes. The department also utilized existing city facilities and held swimming lessons, lifeguard training, pool movie nights, adult and public swims, pumpkin plunges, swim team, etc. The program also offered Tennis and Archery classes and partnered with Colusa High School to host its annual Cardboard Boat Regatta at the pool.

NOISE

The health effects of community noise can interfere with activities such as sleep, speech, recreation, and tasks that demand concentration or coordination. When community noise interferes with human activities, public tolerance for that noise source decreases. This decrease in acceptability and the threat to public health and welfare are the basis for land use planning policies that minimize or prevent exposure to excessive noise levels.

The Noise Element consists of two goals: protecting noise-sensitive land uses from new noise-generating uses that would be incompatible with such sensitive receptors, and minimizing noise generated by construction activities.

Amendments

The Noise Element of the General Plan was not amended during CY 2025.

Progress towards meeting the Goals and Guiding Policies of the Noise Element

No projects directly contributed to advancing the noise element. However, projects in the Land Use section (above) can be seen as related to advancing the noise element, such as the NextGrid Solar farm project on industrial property that can act as a buffer between Colusa Industrial Properties and residential land uses to the north. Similarly, the approval of the Colusa Meat Use Permit, which is approximately a mile from residential land uses, provides significant distance between the operation and residential areas to the north.

MUNICIPAL FACILITIES & SERVICES

This Element concerns public infrastructure and facilities that support the community's growth. Operational and programmatic issues are considered, but this chapter primarily concerns the provision of capital facilities.

The Municipal Facilities & Services Element consists of nine goals that address ensuring a standard of living for existing residents and businesses, while maintaining and expanding upon public services and facilities; sewer, water, police and fire protection, and the library, to ensure they meet existing and future demands. Creating facilities that can be used for multiple purposes and shared with other agencies.

Amendments

The Municipal Facilities & Services of the Colusa General Plan was not amended during CY 2025.

Progress towards meeting the Goals and Guiding Policies of the Municipal Facilities & Services**Well Project No. 9 Project – Construction**

During the summer, construction started on the Well No. 9 Project, which would allow an additional 2,200 to 2,600 gallons per minute to be pumped and the water treated for both manganese and arsenic, as needed. This project also included additional treatment for iron and manganese, odor-control treatment for other City wells, and turning existing wells into backup wells, while ensuring all the wells are linked to the city's supervisory control and data acquisition (SCADA) system.

Private Well Acquisition

City staff are negotiating with a private entity that manages many industrial acres and owns two private wells. These wells are connected to the city system and have been used in emergencies. The city aims to acquire these wells, with negotiations ongoing to finalize the purchase by the end of 2026.

As discussed in greater detail in Safety (above), several projects and advancements can also be contributed to this section. Such as the purchase of a new Type 1 Fire Engine, the initiation of the design of the proposed Police Station and its analysis, as well as the purchase of FLOCK cameras.

HOUSING

The Housing Element of the General Plan was updated in 2020 to reflect the 2020-2028 planning period. Following the December 1, 2020, public hearing, the City Council adopted the Housing Element, which was then originally certified by HCD in 2021 and re-certified on March 14, 2025. Mandated by the State of California, housing elements must be updated more frequently than the other general plan elements.

The Housing Element consists of nine goals that address providing a continuing supply of affordable housing to meet the needs of existing and future residents across all income categories, as well as ensuring that adequately zoned lands are available for development. This element discusses the protection and conservation of the existing housing stock while ensuring that necessary health and safety requirements are met. Housing is provided for special-needs groups, including the elderly, physically disabled, developmentally disabled, large families, female heads of household, and farmworker households. While conserving existing affordable housing stock and ensuring energy and water conservation in new development.

Amendments

The Housing Element of the Colusa General Plan was not amended during CY 2025

Progress towards meeting Goals and Guiding Policies of the Housing Element

Pursuant to Government Code Section 65400, the City Council is required to prepare an annual report on the status and progress in implementing the City's Housing Element using forms and definitions adopted by HCD.

As shown in Table 1, the City Regional Housing Needs Allocation (RHNA) for the applicable planning period is 379 residential units, broken down by income category. RHNA allocation was created by the Housing and Community Development (HCD), which allocated a region's share of statewide housing need to Colusa County and the two incorporated jurisdictions of Williams and Colusa. Based on the Department of

Finance population projections and regional population forecasts used in preparing regional transportation plans

The City's Housing Element must demonstrate how it will accommodate the production of these units; the City must show that there is adequate land properly zoned to accommodate its allocation of units and that barriers to the production of dwelling units are minimized or eliminated.

Table 1: Regional Housing Needs Allocation 2020-2028

Income Group	Number of Units
Extremely Low	38
Very Low	38
Low	64
Moderate	79
Above Moderate	160
Total	379

In 2025, the City issued building permits for 5 dwelling units.

Table 2: Colusa's Progress in Meeting Regional Housing Needs

Income Limit	RHNA Allocation	2025 Permits Issued	2024 Permits Issued	2023 Permits Issued	Total Units To Date
Extremely Low	38	0	0	0	0
Very Low	38	0	0	0	0
Low	64	0	0	0	0
Moderate	79	0	1	4	5
Above Moderate	160	7	3	2	10
Totals	379	7	4	6	17

As required by state law, the City must zone land to accommodate the RHNA and develop programs and policies that promote an environment where housing construction is encouraged at all income levels

During the 2025 cycle, the city advanced several housing-related action items, including:

Program H-2 – By Right Housing – Approved

In January, an ordinance was passed that amended the Colusa Municipal Code to comply with AB 1397 (2017) and allow ministerial approval for housing projects where at least 20% of the units are affordable to lower-income households on parcels identified in the Inventory of Vacant Lands table in the Housing Element.

Program H-6 – Maintain Capital Improvement Program and Address Accessory Dwelling

In March, an ordinance was passed amending the Colusa Municipal Code to comply with recently adopted state laws addressing Accessory Dwelling Units (ADUs) and Junior Accessory Dwelling Units (JADUs). The ordinance established development standards in line with state requirements.

Program H-2.b and Program H-2.c Accessory Dwelling Units

- The City developed four ADU plans for community members to use free of charge. City staff have made plans available at City Hall and on the City's website, received local press coverage, and sent out monthly billing announcements to over 2,500 individual addresses.
- The Colusa Municipal Code was amended to include ADU standards and regulations that are based upon state requirements.
- The fee schedule was amended to include ADU-specific fees that are at a reduced rate in line with state requirements.

Program H-10 – Moderate and Above-Income Housing Production

All year, staff have continued to facilitate the buildout of Sunrise Landing through quick approvals, master plan checks, ongoing inspections, and direct communication with the Building Official.

Program H-12 - Downtown Plan

Through a competitive process, the City was awarded a grant from the American Planning Association Urban Design and Preservation Division to host the Design and Preservation Rapid Assistance Team (D-PRAT) who, through a series of workshops and outreach held in November 2025 created a Riverfront District that will include a series of suggestions on how to revitalize the historic downtown area, including suggestions on how to advance housing in the area.

Program H-29 – Assistance to the public regarding housing and housing discrimination and Affirmatively Furthering Fair Housing

Created an AFFH Plan that was approved by Housing and Community Development, which included additional public outreach and providing after-hours access to California Rural Legal Assistance (CRLA).

Additionally, the following housing projects were entitled:

Rancho Colus Phase II – Approved

The Regional Housing Authority and Sage Housing Group, LLC propose to construct the Rancho Colus Phase 2 project, a 48-unit affordable apartment community on a 1.53-acre parcel at 1717 State Highway 20 (portion of APN 002-120-029). The project is the second phase of the Rancho Colus Apartments and will be developed on the west side of the overall 3.66-acre project site, adjacent to State Highway 20. The community will include one-, two-, and three-bedroom units in two residential buildings, along with outdoor amenity spaces. The overall design of the buildings will be like Rancho Colus Phase 1, which was completed in 2024. The project will add 28 Very Low and 20 Low-income units to the city. Permits for Phase I were issued in 2022 with occupancy occurring in 2025.

One ADU permit was issued in 2025.

Other notable housing projects commenced that did not involve the entitlement process, such as:

301 Jay Street – Constructed

Demolition of an inhabitable residential structure and replacement with a new duplex unit and a new residential structure, resulting in 2 net units. The project is centrally located in the “square” of Colusa and was able to take advantage of Infill Development incentives, which provide reduced impact fees on qualifying residential lots.

Conclusion

A general plan is the local jurisdiction's blueprint for meeting the community's long-term visions for the future. While no state law existing on the life of a plan, general plans are typically created with a “planning horizon” of 20 years. Elements within the plan may be updated from time to time, while state law requires the Housing Element to be updated every eight years.

The APR for the General Plan and Housing Element describes the progress of the City’s ongoing efforts to implement and assess identified goals, policies, and objectives in the General Plan and Housing Element. Demonstration of ongoing compliance with State-required reporting ensures that the City maintains eligibility and competitiveness for ongoing grant funding opportunities that may help to implement these goals and policies. City staff will continue their proactive efforts to assist property owners, developers, community groups, and residents in achieving project approvals and streamlining building permit issuance.

Since the initial adoption of Colusa’s general plan, several land use changes have occurred over the years, including annexations of urban growth areas and industrial zoning designations on East Clay Street. Housing regulations imposed by the state have resulted in more types being permitted in low-density land uses, such as duplexes in the R-1 Single Family zone and Accessory Dwelling Unit requirements. Further, state requirements have been updated to include a new element, Environmental Justice (SB 100), and new standards to address policies for climate resiliency, equitable access to open space, and rewilding opportunities (SB 1425) and climate change (SB 379). Safety items, including addressing evacuation routes and fire hazard impacts (SB 1241, AB 747, and SB 99), have also been updated by the state.

On the environmental front, new standards are in place for analyzing circulation-related items; Vehicles Miles Traveled (VMT), which discusses total miles driven by vehicles within a specific region and time frame, rather than Level of Service (LOS), which measures roadway operations conditions, ranging from free-flow traffic (A) to severe congestion (F).

In short, the existing general plan has served the city well and should continue to do so in the short term, but with changes at the state level, the city should evaluate whether a comprehensive update is needed, or at least updates to specific elements that need more attention than others.

State of California**GOVERNMENT CODE****Section 65400**

65400. (a) After the legislative body has adopted all or part of a general plan, the planning agency shall do both of the following:

(1) Investigate and make recommendations to the legislative body regarding reasonable and practical means for implementing the general plan or element of the general plan so that it will serve as an effective guide for orderly growth and development, preservation and conservation of open-space land and natural resources, and the efficient expenditure of public funds relating to the subjects addressed in the general plan.

(2) Provide by April 1 of each year an annual report to the legislative body, the Office of Land Use and Climate Innovation, and the Department of Housing and Community Development that includes all of the following:

(A) The status of the plan and progress in its implementation.

(B) (i) (I) The progress in meeting its share of regional housing needs determined pursuant to Section 65584, including the need for extremely low income households, as determined pursuant to Section 65583, and local efforts to remove governmental constraints to the maintenance, improvement, and development of housing pursuant to paragraph (3) of subdivision (c) of Section 65583.

(II) The annual report shall include the progress in meeting the city's or county's progress in meeting its share of regional housing need, as described in subclause (I), for the sixth and previous revisions of the housing element.

(ii) The housing element portion of the annual report, as required by this paragraph, shall be prepared through the use of standards, forms, and definitions adopted by the Department of Housing and Community Development. The department may review, adopt, amend, and repeal the standards, forms, or definitions to implement this article. Any standards, forms, or definitions adopted to implement this article shall not be subject to Chapter 3.5 (commencing with Section 11340) of Part 1 of Division 3 of Title 2. Before and after adoption of the forms, the housing element portion of the annual report shall include a section that describes the actions taken by the local government towards completion of the programs and status of the local government's compliance with the deadlines in its housing element. The report shall be considered at an annual public meeting before the legislative body where members of the public shall be allowed to provide oral testimony and written comments.

(iii) The report may include the number of units that have been completed pursuant to subdivision (c) of Section 65583.1. For purposes of this paragraph, committed assistance may be executed throughout the planning period, and the program under

paragraph (1) of subdivision (c) of Section 65583.1 shall not be required. The report shall document how the units meet the standards set forth in that subdivision.

(iv) The planning agency shall include the number of units in a student housing development for lower income students for which the developer of the student housing development was granted a density bonus pursuant to subparagraph (F) of paragraph (1) of subdivision (b) of Section 65915.

(v) The report may include the number of units of existing deed-restricted affordable housing with an average affordability no greater than 45 percent of area median income that are at least 15 years old and have been substantially rehabilitated with at least sixty thousand dollars (\$60,000) per unit in funds awarded from the city or, for unincorporated areas, the county, inclusive of forgiveness of principal or interest on existing debt. Any units included in the report pursuant to this clause shall not be considered when determining affordability requirements for purposes of paragraph (4) of subdivision (a) of Section 65913.4.

(C) The number of housing development applications received in the prior year, including both of the following, when applicable:

(i) Whether each housing development application is subject to a ministerial or discretionary approval process.

(ii) Beginning with the report due by April 1, 2027, whether each application is subject to a replacement housing or relocation assistance obligation pursuant to local, state, or federal law, including, but not limited to, Section 65583.2, 65915, or 66300.6.

(D) The number of units included in all development applications in the prior year.

(E) (i) The number of units approved and disapproved in the prior year, which shall include all of the following subcategories:

(I) The number of units located within an opportunity area.

(II) For the seventh and each subsequent revision of the housing element, the number of units approved and disapproved for acutely low income households within each opportunity area.

(III) For the seventh and each subsequent revision of the housing element, the number of units approved and disapproved for extremely low income households within each opportunity area.

(IV) The number of units approved and disapproved for very low income households within each opportunity area.

(V) The number of units approved and disapproved for lower income households within each opportunity area.

(VI) The number of units approved and disapproved for moderate-income households within each opportunity area.

(VII) The number of units approved and disapproved for above moderate-income households within each opportunity area.

(ii) For purposes of this subparagraph, “opportunity area” means a highest, high, moderate, or low resource area pursuant to the most recent “CTCAC/HCD Opportunity Map” published by the California Tax Credit Allocation Committee and the Department of Housing and Community Development.

(F) The degree to which its approved general plan complies with the guidelines developed and adopted pursuant to Section 65040.2 and the date of the last revision to the general plan.

(G) A listing of sites rezoned to accommodate that portion of the city's or county's share of the regional housing need for each income level that could not be accommodated on sites identified in the inventory required by paragraph (1) of subdivision (c) of Section 65583 and Section 65584.09. The listing of sites shall also include any additional sites that may have been required to be identified by Section 65863.

(H) (i) The number of units of housing demolished and new units of housing, including both rental housing and for-sale housing and any units that the County of Napa or the City of Napa may report pursuant to an agreement entered into pursuant to Section 65584.08, that have been issued a completed entitlement, a building permit, or a certificate of occupancy, thus far in the housing element cycle, and the income category, by area median income category, that each unit of housing satisfies. That production report shall do the following:

(I) For each income category described in this subparagraph, distinguish between the number of rental housing units and the number of for-sale units that satisfy each income category.

(II) For each entitlement, building permit, or certificate of occupancy, include a unique site identifier that must include the assessor's parcel number, but may also include street address, or other identifiers.

(III) Beginning with the report due by April 1, 2027, for each entitlement, building permit, or certificate of occupancy, include the total number of replacement housing units by income level required pursuant to local, state, or federal law, including, but not limited to, Section 65583.2, 65915, or 66300.6.

(IV) Beginning with the report due by April 1, 2027, for each entitlement, building permit, or certificate of occupancy, include the number, by income level, of replacement housing units entitled, permitted, or issued a certificate of occupancy.

(ii) For the County of Napa and the City of Napa, the production report may report units identified in the agreement entered into pursuant to Section 65584.08.

(I) The number of applications submitted pursuant to subdivision (a) of Section 65913.4, the location and the total number of developments approved pursuant to subdivision (c) of Section 65913.4, the total number of building permits issued pursuant to subdivision (c) of Section 65913.4, the total number of units including both rental housing and for-sale housing by area median income category constructed using the process provided for in subdivision (c) of Section 65913.4.

(J) If the city or county has received funding pursuant to the Local Government Planning Support Grants Program (Chapter 3.1 (commencing with Section 50515) of Part 2 of Division 31 of the Health and Safety Code), the information required pursuant to subdivision (a) of Section 50515.04 of the Health and Safety Code.

(K) The progress of the city or county in adopting or amending its general plan or local open-space element in compliance with its obligations to consult with California Native American tribes, and to identify and protect, preserve, and mitigate impacts

to places, features, and objects described in Sections 5097.9 and 5097.993 of the Public Resources Code, pursuant to Chapter 905 of the Statutes of 2004.

(L) The following information with respect to density bonuses granted in accordance with Section 65915:

- (i) The number of density bonus applications received by the city or county.
- (ii) The number of density bonus applications approved by the city or county.
- (iii) Data from all projects approved to receive a density bonus from the city or county, including, but not limited to, the percentage of density bonus received, the percentage of affordable units in the project, the number of other incentives or concessions granted to the project, and any waiver or reduction of parking standards for the project.

(M) The following information with respect to each application submitted pursuant to Chapter 4.1 (commencing with Section 65912.100):

- (i) The location of the project.
- (ii) The status of the project, including whether it has been entitled, whether a building permit has been issued, and whether or not it has been completed.
- (iii) The number of units in the project.
- (iv) The number of units in the project that are rental housing.
- (v) The number of units in the project that are for-sale housing.
- (vi) The household income category of the units, as determined pursuant to subdivision (f) of Section 65584.

(N) A list of all historic designations listed on the National Register of Historic Places, the California Register of Historical Resources, or a local register of historic places by the city or county in the past year, and the status of any housing development projects proposed for the new historic designations, including all of the following:

- (i) Whether the housing development project has been entitled.
- (ii) Whether a building permit has been issued for the housing development project.
- (iii) The number of units in the housing development project.

(O) The following information with respect to housing development projects under Section 65913.16:

- (i) The number of applications submitted under Section 65913.16.
- (ii) The location and number of developments approved under Section 65913.16.
- (iii) The total number of building permits issued pursuant to Section 65913.16.
- (iv) The total number of units constructed under Section 65913.16 and the income category of those units.

(P) Beginning with the report due by April 1, 2027, a report on the demolition of housing units for any purpose, which shall include, but not be limited to, all of the following:

- (i) The total number of housing units approved for demolition during the year.
- (ii) The total number of housing units demolished during the year.
- (iii) For each approved or completed demolition, all of the following:

(I) The location of the approved or completed demolition, using a unique site identifier that shall include the assessor's parcel number, and may also include the street address or other identifiers.

(II) The date the demolition was approved.

(III) The total number of rental and ownership units demolished or approved for demolition.

(IV) The number, by income level, of protected units, as defined in subdivision (h) of Section 66300.5, demolished or approved for demolition.

(V) A description of any approved uses on the site.

(VI) A description of any relocation assistance provided as required pursuant to local, state, or federal law, including, but not limited to, the relocation assistance required to be provided to each displaced occupant of any demolished protected unit pursuant to Section 66300.6.

(Q) Beginning with the report due by April 1, 2027, a report on replacement housing units required pursuant to local, state, or federal law, including, but not limited to, Section 66300.6, for approved development projects that are not housing development projects, which shall include, for each applicable development project, all of the following:

(i) The approved or proposed location of the replacement units, using a unique site identifier that shall include the assessor's parcel number, and may also include the street address or other identifiers.

(ii) The entity that is developing the replacement units.

(iii) The anticipated completion date of the replacement units.

(b) (1) (A) The department may request corrections to the housing element portion of an annual report submitted pursuant to paragraph (2) of subdivision (a) within 90 days of receipt. A planning agency shall make the requested corrections within 30 days after which the department may reject the report if the report is not in substantial compliance with the requirements of that paragraph.

(B) If the department rejects the housing element portion of an annual report as authorized by subparagraph (A), the department shall provide the reasons the report is inconsistent with paragraph (2) of subdivision (a) to the planning agency in writing.

(2) If a court finds, upon a motion to that effect, that a city, county, or city and county failed to submit, within 60 days of the deadline established in this section, the housing element portion of the report required pursuant to subparagraph (B) of paragraph (2) of subdivision (a) that substantially complies with the requirements of this section, the court shall issue an order or judgment compelling compliance with this section within 60 days. If the city, county, or city and county fails to comply with the court's order within 60 days, the plaintiff or petitioner may move for sanctions, and the court may, upon that motion, grant appropriate sanctions. The court shall retain jurisdiction to ensure that its order or judgment is carried out. If the court determines that its order or judgment is not carried out within 60 days, the court may issue further orders as provided by law to ensure that the purposes and policies of this section are fulfilled. This subdivision applies to proceedings initiated on or after the first day of October following the adoption of forms and definitions by the Department of Housing and Community Development pursuant to paragraph (2) of subdivision (a), but no sooner than six months following that adoption.

(c) The Department of Housing and Community Development shall post a report submitted pursuant to this section on its internet website within a reasonable time of receiving the report.

(Amended by Stats. 2025, Ch. 704, Sec. 1.5. (AB 726) Effective January 1, 2026.)

Jurisdiction	Colusa
Reporting Year	2025 (Jan. 1 - Dec. 31)
Housing Element Planning Period	6th Cycle 01/01/2021 - 12/31/2028

Building Permits Issued by Affordability Summary		
Income Level		Current Year
Acutely Low	Deed Restricted	0
	Non-Deed Restricted	0
Extremely Low	Deed Restricted	0
	Non-Deed Restricted	0
Very Low	Deed Restricted	28
	Non-Deed Restricted	0
Low	Deed Restricted	20
	Non-Deed Restricted	0
Moderate	Deed Restricted	0
	Non-Deed Restricted	0
Above Moderate		7
Total Units		55

Units by Structure Type	Entitled	Permitted	Completed
Single-family Attached	0	0	0
Single-family Detached	0	5	0
2 to 4 units per structure	0	1	0
5+ units per structure	0	48	0
Accessory Dwelling Unit	0	1	0
Mobile/Manufactured Home	0	0	0
Total	0	55	0

Infill Housing Developments and Infill Units Permitted	# of Projects	Units
Indicated as Infill	7	7
Not Indicated as Infill	1	48

Housing Applications Summary	
Total Housing Applications Submitted:	0
Number of Proposed Units in All Applications Received:	0
Total Housing Units Approved:	0
Total Housing Units Disapproved:	0

Use of Streamlined Ministerial Approval Process or SMAP (formerly SB 35 / 423) - Applications	
Number of SMAP Applications	0
Number of SMAP Applications Approved	0

Units Constructed - SMAP (formerly SB 35 / 423) - Permits			
Income	Rental	Ownership	Total
Acutely Low	0	0	0
Extremely Low	0	0	0
Very Low	0	0	0
Low	0	0	0
Moderate	0	0	0
Above Moderate	0	0	0
Total	0	0	0

Streamlining Provisions Used - Permitted Units	# of Projects	Units
SB 9 (2021) - Duplex in SF Zone	0	0
SB 9 (2021) - Residential Lot Split	0	0
AB 2011 (2022)	0	0
SB 6 (2022)	0	0
SMAP	0	0

Ministerial and Discretionary Applications	# of	Units
Ministerial	0	0
Discretionary	0	0

Density Bonus Applications and Units Permitted	
Number of Applications Submitted Requesting a Density Bonus	0
Number of Units in Applications Submitted Requesting a Density Bonus	0
Number of Projects Permitted with a Density Bonus	1
Number of Units in Projects Permitted with a Density Bonus	48

Housing Element Programs Implemented and Sites Rezoned	Count
Programs Implemented	0
Sites Rezoned to Accommodate the RHNA	0

Jurisdiction	Colusa
Reporting Year	2025 (Jan. 1 - Dec. 31)
Planning Period	6th Cycle 01/01/2021 - 12/31/2028

Annual Building Activity Report Summary - New Construc

[illegible]

ANNUAL ELEMENT PROGRESS REPORT

Housing Element Implementation

[illegible]

Jurisdiction	Colusa
Reporting Year	2025 (Jan. 1 - Dec. 31)
Planning Period	6th Cycle 01/01/2021 - 12/31/2028

ANNUAL ELEMENT PROGRESS REPORT
Housing Element Implementation

This table is auto-populated once you enter your jurisdiction name and current year data. Past year information comes from previous APRs. Please contact HCD if your data is different than the material supplied here

Table B
Regional Housing Needs Allocation Progress
Permitted Units Issued by Affordability

Income Level	1 RHNA Allocation by Income Level	Projection Period 01/01/2019- 12/31/2020	2					3				4 Total Remaining RHNA by Income Level
			2021	2022	2023	2024	2025	2026	2027	2028	Total Units to Date (all years)	
Acutely Low	Deed Restricted		-	-	-	-	-	-	-	-	-	-
	Non-Deed Restricted		-	-	-	-	-	-	-	-	-	-
Extremely Low	Deed Restricted		-	-	-	-	-	-	-	-	-	-
	Non-Deed Restricted		-	-	-	-	-	-	-	-	-	-
Very Low	Deed Restricted	76	-	-	-	-	28	-	-	-	76	-
	Non-Deed Restricted		-	-	-	-	-	-	-	-	-	-
Low	Deed Restricted	64	-	-	-	-	20	-	-	-	20	44
	Non-Deed Restricted		-	-	-	-	-	-	-	-	-	-
Moderate	Deed Restricted	79	-	-	-	-	-	-	-	-	99	-
	Non-Deed Restricted		-	-	-	-	-	-	-	-	-	-
Above Moderate	Deed Restricted	160	-	14	-	66	-	-	-	-	15	-
	Non-Deed Restricted		-	-	-	-	7	-	-	-	-	-
Total RHNA		379	-	-	-	-	-	-	-	-	-	-
Total Units		27	-	14	114	-	55	-	-	-	210	189

*For years prior to 2025, Acutely Low-Income units are reported within the Extremely Low-Income category

*For jurisdictions that received RHNA determinations for the current cycle prior to the passage of AB 3093 (September 19, 2024)

- You were not allocated Acutely Low-Income and Extremely Low-Income RHNA targets, therefore the allocations in Field 1 are listed as "0"

- If you wish to set your own targets in these income categories for informational purposes, contact HCD staff at apr@hcd.ca.gov

- All Acutely Low-Income and Extremely Low-Income units reported during the cycle are counted towards Very-Low Income RHNA progress

*For years prior to 2025, data on deed-restricted vs. non-deed restricted Extremely Low-Income units is approximated from whether the projects reported any deed-restricted Very Low-Income Units. If you wish to edit this historical data for accuracy or have any questions about the data, you may login to HCD's online APR system, or contact HCD staff at apr@hcd.ca.gov.

Please Note: Table B does not currently contain data from Table F or Table F2 for prior years. You may login to the APR system to see Table B that contains this data.

Please note: The APR form can only display data for one planning period. To view progress for a different planning period, you may login to HCD's online APR system, or contact HCD staff at apr@hcd.ca.gov.



City of Colusa California

STAFF REPORT

DATE: March 17, 2026

TO: City of Colusa Mayor and Council Members

FROM: Logan Conley, Fire Chief, through Jesse Cain, City Manager

AGENDA ITEM: Consideration of intent to secure Sourcewell Contract and Plan for purchase of an Aerial Ladder Truck.

Recommendation: Approve Resolution authorizing staff to proceed with planning and ordering activities for the future purchase of a ladder truck through a Sourcewell cooperative contract. With a total estimated cost of \$1.6 million.

BACKGROUND ANALYSIS:

The City of Colusa Fire Department provides fire suppression, rescue, and emergency medical services to residential, commercial, and industrial occupancies, including multi-story structures within the city limits.

An aerial ladder truck is a critical component of a modern municipal fire department. It provides specialized capabilities that cannot be duplicated by engine companies alone, including:

- Elevated rescue access to upper floors and rooftops
- Aerial ventilation operations
- Elevated master stream fire suppression
- A full complement of ground ladders
- Specialized tools for apartments, schools, commercial buildings, and larger structures

These capabilities significantly enhance firefighter safety, civilian rescue effectiveness, and overall fire suppression performance.

Currently, the Department does not operate a ladder truck. While the City maintains an ISO Class 3 rating helping residents and businesses benefit from lower property insurance premiums. The absence of local aerial apparatus places long-term pressure on maintaining

this rating, particularly as the City continues to grow and development increases in height and density.

National Fire Protection Association (NFPA) standards and industry best practices recognize aerial apparatus as a key component of fire protection in communities with commercial occupancies and multi-story buildings. While mutual aid agreements provide supplemental support, reliance on neighboring agencies is not always dependable during simultaneous incidents, regional emergencies, or large-scale events. Establishing local aerial capability strengthens operational self-sufficiency and emergency preparedness.

Fire apparatus manufacturing timelines have increased significantly in recent years. Ladder truck delivery times commonly range from 24 to 36 months or longer. The apparatus presented in this report has an estimated completion timeline of approximately 20 months. Early authorization to begin planning is necessary to:

- Lock in cooperative purchasing pricing
- Secure production placement in the manufacturer's schedule
- Evaluate financing and grant opportunities
- Prevent future operational capability gaps

The estimated cost of the ladder truck is approximately \$1.5–\$1.6 million, depending on final specifications and market conditions.

In addition, the Department's current frontline fire engines are aging. Several units are up to 24 years old, and the newest engine is now 13 years old. NFPA standards recommend that apparatus exceeding 10 years of service be considered for reserve status rather than first-out assignment. The proposed ladder truck would serve not only as the Department's aerial platform but also as a reliable first-out apparatus for structure fires and rescue incidents. This would improve fleet redundancy, operational reliability, firefighter safety, and emergency response effectiveness.

Historically, the Fire Department has funded major apparatus purchases through a combination of Strike Team revenues, grant funding, and General Fund contributions. Additional details regarding prior purchases and funding sources are provided in Exhibit A.

RISK OF INACTION

Failure to initiate planning and procurement activities for an aerial ladder truck at this time presents several operational and financial risks to the City.

Continued reliance on mutual aid for aerial operations increases vulnerability during simultaneous incidents, regional emergencies, or periods of high call volume. Neighboring agencies may not always be available to provide timely support, potentially delaying critical rescue and fire suppression operations.

The Department's aging fleet remains in frontline service beyond recommended NFPA service life standards. Delaying replacement planning increases the risk of mechanical

failure, extended downtime, and escalating maintenance costs, which may compromise emergency response reliability.

Apparatus manufacturing timelines continue to lengthen. Deferring action now may result in significantly longer wait times and increased purchase costs due to inflation, material pricing volatility, and production backlogs. Early placement in a manufacturer's build schedule helps mitigate these risks.

Finally, as the City grows and development trends toward larger and more complex structures, the absence of local aerial capability may place long-term pressure on the City's ISO rating, potentially impacting property insurance costs for residents and businesses.

Proactive planning allows the City to control timing, evaluate funding strategies responsibly, and preserve operational readiness rather than reacting to equipment failure or emergency need.

BUDGET IMPACT:

There is no immediate fiscal impact associated with this action.

Future funding options may include a combination of Strike Team funds, grant funding, financing mechanisms, and/or other revenue sources, subject to City Council approval at the time of purchase authorization.

STAFF RECOMMENDATION: Authorizing staff to begin planning and procurement activities at this stage allows the City to:

- Strategically evaluate funding options
- Secure cooperative purchasing pricing
- Protect long-term operational readiness
- Maintain firefighter and community safety standards
- Preserve the City's ISO rating

Staff recommends approval of the proposed Resolution to initiate this process.

ATTACHMENT:

Exhibit A: Current Apparatus and Funding History

Exhibit B: Photograph of 75-foot ladder truck and 24-foot ground ladder

Exhibit C: Purchase quote and build specs from Rosenbauer fire apparatus manufacturer.

Exhibit D: Additional Quotes from HiTech E.V.S. Inc.

RESOLUTION NO. 26-

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF COLUSA AUTHORIZING STAFF TO PROCEED WITH PLANNING AND ORDERING ACTIVITIES FOR THE FUTURE PURCHASE OF A LADDER TRUCK THROUGH A SOURCEWELL COOPERATIVE CONTRACT

WHEREAS, Intent to secure Sourcewell Contract and Plan for Purchase of an Aerial Ladder Truck.

WHEREAS, Receive this report and provide directions authorizing staff to secure the order through a Sourcewell contract and begin planning and funding strategies for the purchase of an aerial ladder truck with an estimated cost of \$1.6 million.

WHEREAS, No immediate fiscal impact. Future funding options may include a combination of Strike Team funds, grants, financing, or other revenue sources, subject to City Council approval.

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Colusa that:

1. The City Council authorizes staff to proceed with planning and preliminary ordering activities for the future purchase of a ladder truck with an estimated cost of \$1.6 million.
2. Staff is authorized to secure the order for a ladder truck through an available Sourcewell cooperative purchasing contract, subject to final specifications and future City Council funding approval.
3. No expenditure of City funds beyond approved administrative and planning costs shall occur without further City Council action.
4. Staff is directed to continue evaluating funding strategies and return to the City Council with recommended financing and funding options for consideration at a future date.

PASSED AND ADOPTED by the City Council of the City of Colusa on this 17th day of March 2026.

AYES:

NOES:

ABSENT:

ABSTAIN:

DENISE CONRADO, MAYOR

ATTEST:

Shelly Kittle, City Clerk

Current Fire Apparatus Inventory and Funding History

- E551 (2013) – Type 1 Pumper** First-out for all structural fires and rescue calls.

Funding History: A down payment was made using Strike Team funds, with annual loan payments made from General Fund revenues. The loan term was 10 years and was intended to revolve into a new apparatus purchase at the end of the term, maintaining a new first-out unit approximately every 10 years. In 2018, the remaining loan balance was paid off with Strike Team funds to reduce annual operating costs.

- E561 (2007) – Type 1 Pumper** Second-out for all structural fires and rescue calls.

Funding History: Purchased with Strike Team funds as a used Office of Emergency Services (OES) engine in 2025 to maintain adequate pumping capacity and operational standards. This acquisition was important in preparation for the City’s upcoming ISO audit.

- E552 (2002) – Type 1 Pumper** Reserve unit

Funding History: Purchased through a revolving debt loan with a 10-year term paid with general fund revenues. This revolving loan strategy was later continued and used to purchase E551 to maintain NFPA first-out replacement standards.

- E553 (2009) – Type 3 Wildland Urban Interface Engine** First-out wildland/veg fire.

Funding History: Purchased through a State grant program at no cost to the City’s General Fund.

- E556 (2019) – Type 6 Quick Attack Engine** First-out for non-structural fire responses.

Funding History: Purchased with Strike Team funds in 2020.

- T571 – (2020) BLS transport unit.**

Funding History: Purchased with Strike Team funds in 2020.

- T572 – (2007) BLS transport unit, reserve unit.**

Funding History: Purchased with Indian Gaming grant funds in 2007.

- C770 – (2018) Chief staff unit.**

Funding History: Purchased with Strike Team funds in 2018.

Exhibit B

Photograph showing a 24ft ground ladder in contrast to an aerial ladder truck extended to 50ft.



Exhibit B

Photograph showing aerial ladder truck extended to 75ft.



Exhibit B

Photograph of a 78ft Rosenbauer aerial ladder truck





Burton's Fire Inc.
1301 Docker Drive
Modesto, CA. 95351
Tel: (209) 544-3161
Fax: (209) 544-1109
E-Mail: mike@burtonsfire.com

Dear Chief Logan Conley:

We at Rosenbauer would like to thank the Colusa City Fire Department for the invitation to, and consideration of the following bid proposal.

Enclosed you will find our proposal and detailed set of specifications for a complete Rosenbauer One (1) RSD Stock 78' Viper Aerial Quote #7731 based on the specifications provided our company by the Department.

Our proposal page for each type of apparatus with the cost of the vehicle is located in the corresponding Proposal section. We have also included additional information regarding our company and some recent references following this letter. Our proposal page with the cost of the vehicle is located in the Proposal section. Clarifications to the Specifications and Option pricing are also located in the Proposal sections of this binder.

Rosenbauer manufactures a complete line of quality fire apparatus including small rescue vehicles and mini-pumpers, heavy duty rescue vehicles, commercial and custom type 1, 2, 3 pumpers, water-tenders, AARF vehicles, and aerials. As the world's largest manufacturer of fire apparatus and second largest in the United States, we have many satisfied fire departments in California and all over the world that are using equipment built by us.

During your review of our proposal, if you have any questions or require additional information, please do not hesitate contacting myself with any questions you may have. I can be most easily reached at (530)632-5008. I would also be happy to meet you and representatives from the department to go over our proposal in person. Please just let us know what day and time works out best for you and the department. Thank you for your consideration.

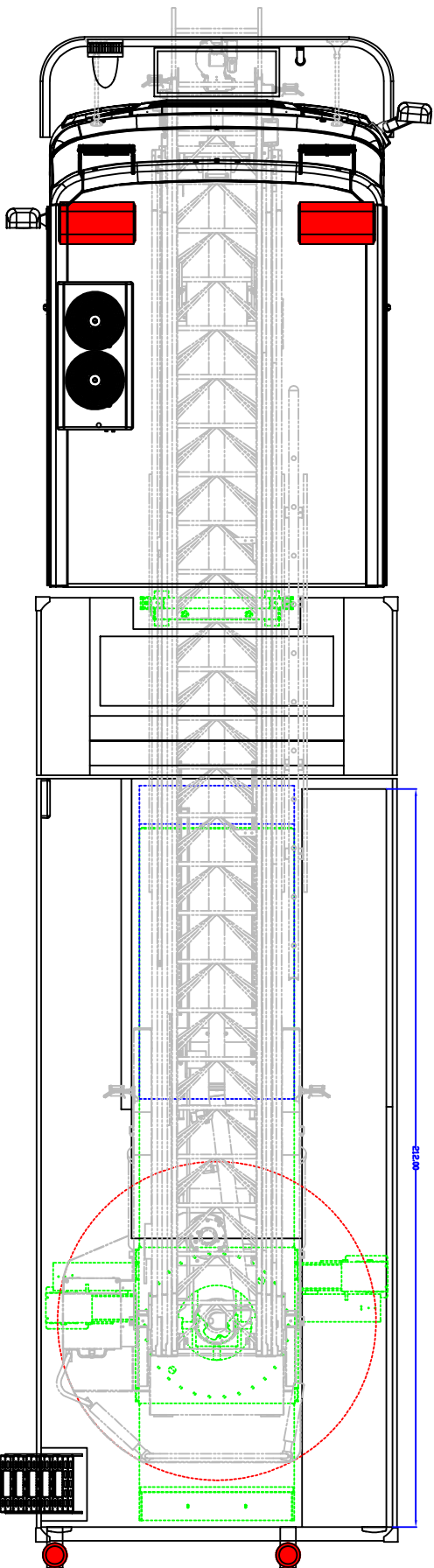
Burton's Fire Inc. was established by brothers Ken and John Burton in January 1991. Burton's Fire has a full line service and repair facility in Modesto and employs 25 people to support the fire service. Burton's Fire Inc. also provides mobile service, pickup and delivery of your engines along with a full line parts department.

Sincerely,

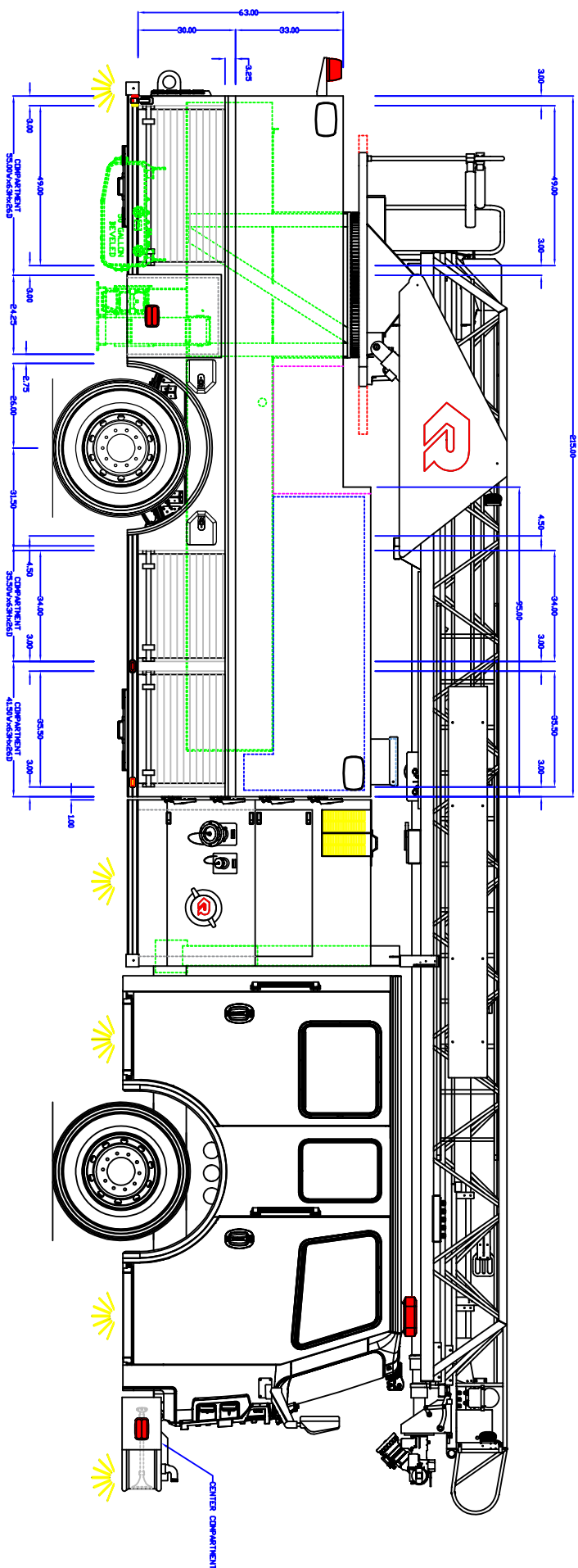
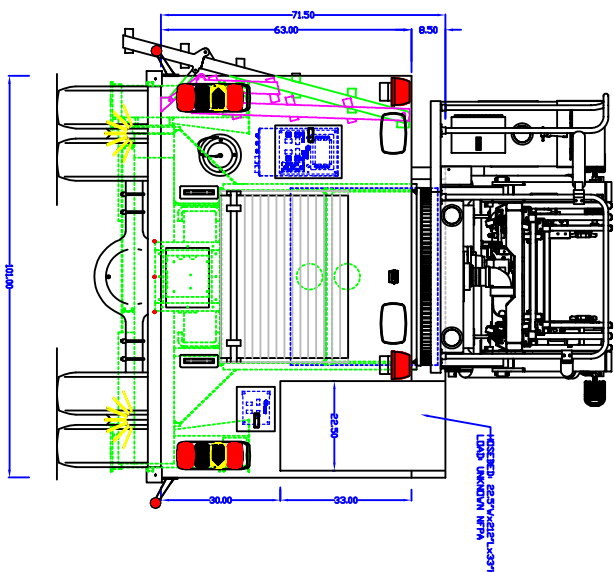
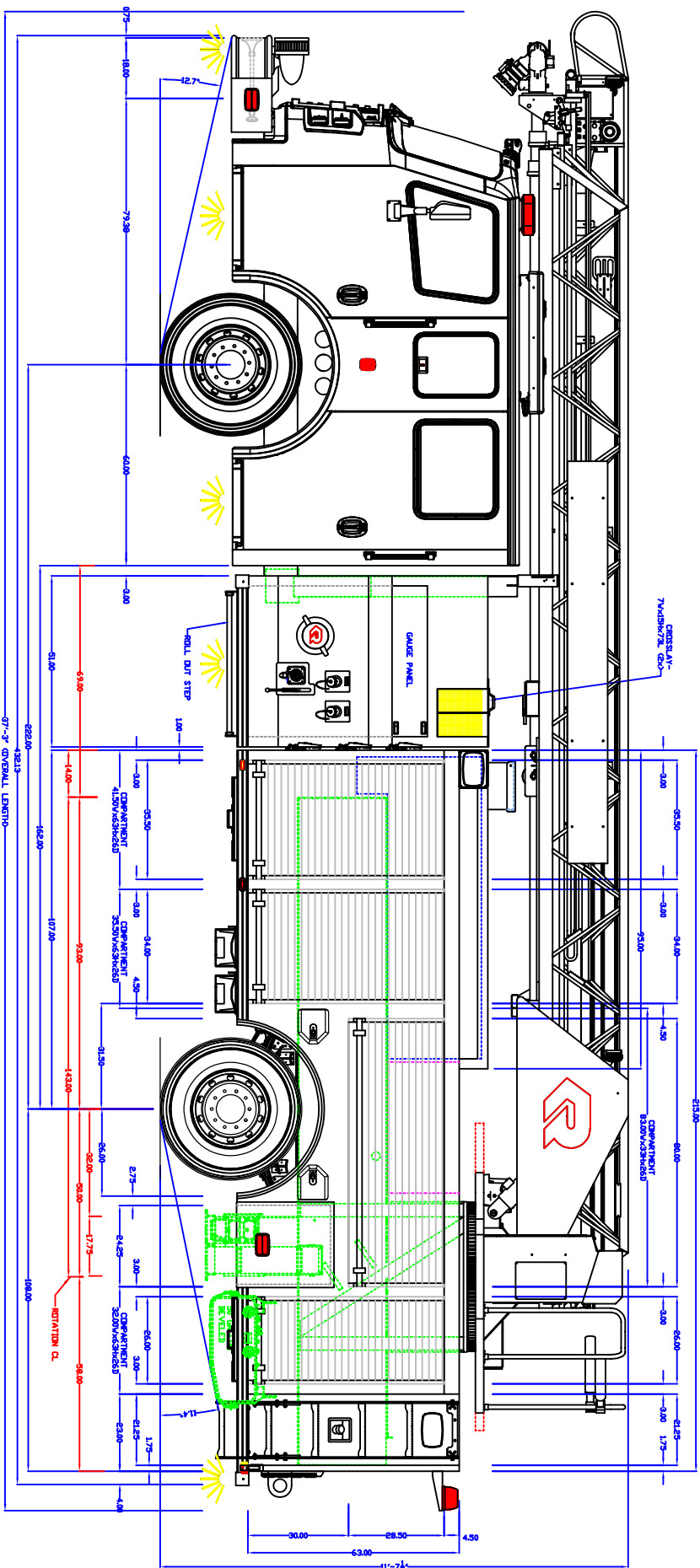
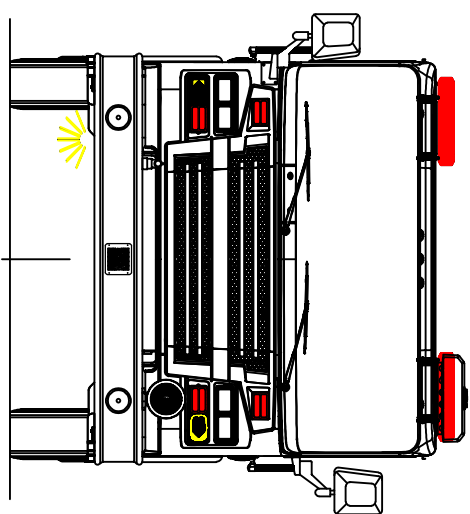
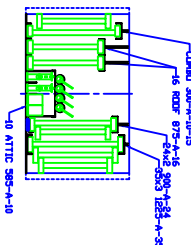
Mike Rubach
Burton's Fire, Inc.

INITIALS: -
JOB NUMBER: 7728
DATE: -

MAIN FILE: -
DEPT: -
DEALER: -



- NOTES:
1. OVERALL HEIGHT IS IN LOADED CONDITION. UNLOADED HEIGHTS MAY BE 4" ABOVE HEIGHTS SHOWN.
2. DO NOT SCALE DRAWING.
3. ALL DIMENSIONS ARE APPROXIMATE AND SUBJECT TO ENGINEERING CHANGES.
4. DRAWING MAY OR MAY NOT SHOW ALL DETAILS AS DESCRIBED IN THE VENTED ITEM SPECIFICATIONS.
5. INCLUSION OF AN ITEM ON THE DRAWING DOES NOT CONSTITUTE INCLUSION OF THAT ITEM WITHIN THE FINAL DELIVERED UNIT.
6. THE EFFECTIVE DOOR OPENINGS WILL BE APPROX. 2" LESS THAN THE NOTED COMPARTMENT OPENING FOR ROLL UP DOORS AND UP TO APPROX. 4" LESS FOR HINGED DOORS



ROSENBAUER FX 1/8"

620-D-1

2



January 7, 2026

Colusa City Fire Department
750 Market St
Colusa, Ca 95932



Awarded Contract

204565

Chief Logan Conley:

Thank you for the opportunity to propose the following Rosenbauer fire apparatus:

One (1) RSD Stock 78' Viper Quote #7731

Base Price	
Chassis, Body, & Aerial Price	\$1,369,314.00
Delivery	\$6,500.00
Ca State Sales Tax	\$119,814.98
8.750%	\$1,495,628.98

Please note: Pre-Con for (2) from Dept. at Factory
No Mid-Point Inspection Required
Final Inspection for (2) from Dept. at Factory
Final Delivery will be made by Burton's Fire to the Dept.
Performance Bond Not Required
Quoted Delivery is 600 days after receipt of order
(1) Day of Familiarization training by Burton's

Terms:

Final payment due upon delivery.
Price good until March 31, 2026.
Please review specifications to see terms and conditions relating to your specified penalty clause.

Thank you again for this opportunity to work with your department, if you have any questions regarding the above proposal, please contact me at (530)632-5008 or at mike@burtonsfire.com

Sincerely,

Mike Rubach
Burton's Fire Inc.

Burton's Fire Inc.
1301 Doker Drive
Modesto, CA 95351
209-544-3161
209-544-1109 Fax
www.burtonsfire.com

South Dakota Division
100 Third Street
Lyons, SD 57041
605-543-5591
605-543-9701 Fax
E-mail: sales@
rosenbaueramerica.com

Minnesota Division
5181 260th Street
P.O. Box 549
Wyoming, MN 55092
651-462-1000
651-462-1700 Fax
E-mail: sales@
rosenbaueramerica.com

Aerial Division
870 South Broad Street
Fremont, NE 68025
402-721-7622
402-721-7622 Fax
E-mail: sales@
rosenbaueramerica.com

LEASE FINANCING PROPOSAL

Requested by
Burton's Fire, Inc.

Representing



Presented To (As Lessee)
City of Colusa, CA

Proposal Date:	January 8, 2026					
Equipment Description:	(1) Rosenbauer RSD Stock 78' Viper (Quote #7731)					
Commencement Date:	February 15, 2026					
	<u>Option 1</u>	<u>Option 2</u>	<u>Option 3</u>	<u>Option 4</u>	<u>Option 5</u>	<u>Option 6</u>
Equipment Cost:	\$1,495,628.98	\$1,495,628.98	\$1,495,628.98	\$1,495,628.98	\$1,495,628.98	\$1,495,628.98
Lessee Down Payment:	<u>\$100,000.00</u>	<u>\$500,000.00</u>	<u>\$100,000.00</u>	<u>\$500,000.00</u>	<u>\$100,000.00</u>	<u>\$500,000.00</u>
Amount Financed:	\$1,395,628.98	\$995,628.98	\$1,395,628.98	\$995,628.98	\$1,395,628.98	\$995,628.98
Lease Term:	5 Years	5 Years	7 Years	7 Years	9 Years	9 Years
First Payment Date:	2/15/28	2/15/28	2/15/28	2/15/28	2/15/28	2/15/28
Payment Frequency:	Annual	Annual	Annual	Annual	Annual	Annual
Interest Rate:	4.68%	4.68%	4.79%	4.79%	4.82%	4.82%
Payment Amount:	\$334,421.26	\$238,627.47	\$250,784.99	\$178,973.96	\$204,117.29	\$145,628.86

Qualifications:

1. **Pricing:** This is a lease proposal for the payment stream(s) indicated above. If any of the information identified above are not correct, please advise us so that we can determine if a new proposal is required. Other important elements of this proposal are:

a) **Rate Expiration:** Signing this proposal does not in itself lock in your rate. This lease must be credit approved, contracts properly signed, and the lease funded by Leasing 2 within thirty days from the date of this proposal to protect the rates quoted.

b) **Closing Costs:** There will be no up-front costs of any kind charged by Lessor including closing costs, points, administrative costs, etc. Your attorney may charge you to review the lease documents and complete the opinion letter required with our lease documentation.

c) **Fixed Rates:** Rates for ten (10) years and under are fixed for the entire term. Terms over ten years have a one time rate adjustment after ten (10) years to the then current interest rates for the remaining term.

2. **Type of Lease:** This is a lease-purchase type of financing. After all the lease payments are made, Lessee will own the equipment without further cost.

3. **Financial Reporting:** All city, county and tax districts (including fire districts) will be expected to provide GAAP audited financial reports. All non-profit corporations (vfd's) will be expected to provide IRS 990 federal tax returns. If you do not maintain these types of financial reports, please contact us to discuss.

4. **Vendor Payable / Escrow Account (where applicable):** In the event that the truck(s) and/or equipment are not ready to be delivered, proceeds of this lease will be held in a vendor payable account until delivery/acceptance. This is a non-interest bearing account to Lessee.

5. **Credit Approval and Documentation:** This is a proposal only, and does not represent a commitment to lease. This financing is subject to credit review and approval and execution of mutually acceptable documentation, including the opinion of lessee's counsel opining that the agreement is legal, valid and binding, obligation of Lessee.

Financing by:

Contact:

Phone:

Email:

Web:

Leasing 2, Inc.

Carter Meyers

813-258-9888 x15

cmeyers@leasing2.com

www.leasing2.com



REQUEST TO PROCEED:

When you are ready to proceed with Leasing 2 towards finalizing this lease financing arrangement, please indicate so by signing below and completing the requested information. We will immediately email you our application. Thank you for your confidence and consideration.

Proposal date: January 8, 2026

Option Chosen: _____ (where applicable)

Upcoming Governing Body meeting date for lease approval: _____

City of Colusa, CA

Name of Lessee

Authorized Signature

Date

Title

Printed Name Of Authorized Signature

Last month of your budget year?

Contact Name

(If Different Than Authorized Signature)

Contact Phone

Contact Email

Financial Contact Name

(Can be Treasurer or Clerk)

Contact Phone

Contact Email

Please complete the above information and **fax or email** all pages of the proposal to
813-258-9333 / info@leasing2.com



**** Important: A Resolution will be required with the lease contract ****

**In the event that you require board action to sign this proposal,
please call us so that we may forward the preferred form for the meeting.**

Are you ready to move forward with Leasing 2?

Here is a quick overview of our process

- 1. Signed Proposal** - When you are ready to move forward with Leasing 2, email a scan of the completed and signed proposal back to Leasing 2.
- 2. Credit Application** - A credit application and request for current financial reports will be emailed to the designated contacts upon receipt of the signed proposal. The credit application should be completed and returned promptly to protect your quoted interest rates. Credit approval usually comes within a few days receipt of the completed credit application.
- 3. Financing Agreement** - Once credit approval is accomplished, the financing agreement will be emailed for review and signature. Once the contracts are signed and returned, we are ready for closing.



January 8, 2026

To: Chief Logan Conley
Vendor: Burton's Fire, Inc.
From: Angie Deming

Customer: City of Colusa (Fire Department)

Thanks for the opportunity to give you a quote on your latest project!

Equipment: One (1) RSD Stock 78' Viper (Quote #7731)

OPTION 1 2 Year First Payment Delay / 5, 7 & 10 Payments over a 6, 8 & 11 Year Term

Unit Cost:	\$ 1,495,628.98	Term (Years):	<u>5</u>	<u>7</u>	<u>10</u>
Down Payment:	\$ 100,000.00	Payments:	\$ 330,844.59	\$ 247,386.42	\$ 185,966.81
Net Financed:	<u>\$ 1,395,628.98</u>	Factor:	0.23706	0.17726	0.13325
Payment Frequency:	Annual	APR:	4.39%	4.49%	4.65%
First Payment Date:	January, 2028				

OPTION 2 2 Year First Payment Delay / 5, 7 & 10 Payments over a 6, 8 & 11 Year Term

Unit Cost:	\$ 1,495,628.98	Term (Years):	<u>5</u>	<u>7</u>	<u>10</u>
Down Payment:	\$ 500,000.00	Payments:	\$ 236,021.51	\$ 176,483.22	\$ 132,667.03
Net Financed:	<u>\$ 995,628.98</u>	Factor:	0.23706	0.17726	0.13325
Payment Frequency:	Annual	APR:	4.39%	4.49%	4.65%
First Payment Date:	January, 2028				

Delivery Date: To be determined

- * To qualify for the quoted rates, audited financial statements required.
- * This is a proposal only and not a commitment to finance. This proposal is subject to credit review and approval and proper execution of mutually acceptable documentation.
- * This transaction must be designated as tax-exempt under Section 103 of the Internal Revenue Code of 1986 as amended.
- * Lessee's total amount of tax exempt debt to be issued in this calendar year will not exceed the \$10,000,000 limit.
- * Payments and rates reflect pre-application of escrow earnings and manufacturer discounts, if any.

Sincerely,
Republic First National Corporation

Angie Deming
angie@rfnonline.com



Phone: 888.777.7850
 Fax: 888.777.7875
 Cell: 785.313.3154
 215 S. Seth Child Road
 Manhattan, KS 66502
www.clpusa.net

January 8, 2026

Customer Name: Colusa, CA

Equipment: One RSD Stock 78' Viper

Sales Representative: Mike Rubach @ Burton's Fire

Community Leasing Partners, a Division of *Community First National Bank*, is pleased to present the following financing options for your review and consideration.

Option 1

Total Cost:	\$ 1,495,628.98	Payment Frequency:	Annual
Down Payment:	\$ 100,000.00	First Payment:	Two years from closing
Escrow Discount:	\$ 55,973.00		
Amount Financed:	\$ 1,339,655.98		
Term in Years:	<u>5</u>	<u>7</u>	<u>10</u>
Payment:	\$321,095.99	\$240,810.00	\$179,994.43
Factor:	0.239685	0.179755	0.134359
Interest Rate:	4.68%	4.79%	4.82%

ESCROW STRUCTURE

Escrow Funding Date February 7, 2026

Date Available	Total Available	Disbursement
July 2, 2027	\$1,395,628.98	Final
Total:	\$1,395,628.98	

- Interest Earnings in the escrow account have been estimated and used to reduce borrowing cost incurred by the Lessee.
- Premature disbursements or delay in funding to the escrow may result in shortage of funds needed to fulfill vendor
- **THERE ARE NO DOCUMENTATION OR CLOSING FEES ASSOCIATED WITH THIS PROPOSAL.**
- The quoted interest rate is valid for 10-days from the date of the proposal. To lock in the interest rate, a credit submission would be required, and a credit approval attained within the same 10-day period. This financing is to be executed & funded within 30 days of the date of the proposal or Lessor reserves the right to adjust the interest rate. The proposal is subject to credit review and approval and mutually acceptable documentation.
- This proposal has been prepared assuming the lessee is bank qualified and that the proposed lease qualifies for Federal Income Tax Exempt Status for the Lessor under Section 103 of the IRS Code.

Thank you for allowing Community Leasing Partners the opportunity to provide this proposal. If you have any questions regarding the options presented, need additional options, or would like to proceed with a financing, please contact me at 888.777.7850.

Respectively,

Blake J. Kaus

Vice President & Director of Leasing

blakekaus@clpusa.net



Phone: 888.777.7850
 Fax: 888.777.7875
 Cell: 785.313.3154
 215 S. Seth Child Road
 Manhattan, KS 66502
www.clpusa.net

January 8, 2026

Customer Name: Colusa, CA

Equipment: One RSD Stock 78' Viper
 Sales Representative: Mike Rubach @ Burton's Fire

Community Leasing Partners, a Division of *Community First National Bank*, is pleased to present the following financing options for your review and consideration.

Option 1

Total Cost:	\$ 1,495,628.98	Payment Frequency:	Annual
Down Payment:	\$ 500,000.00	First Payment:	Two years from closing
Escrow Discount:	\$ 39,880.00		
Amount Financed:	\$ 955,748.98		
Term in Years:	<u>5</u>	<u>7</u>	<u>10</u>
Payment:	\$229,079.09	\$171,800.76	\$128,638.11
Factor:	0.239685	0.179755	0.134594
Interest Rate:	4.68%	4.79%	4.82%

ESCROW STRUCTURE

Escrow Funding Date February 7, 2026

Date Available	Total Available	Disbursement
July 2, 2027	\$995,628.98	Final
Total:	\$995,628.98	

- Interest Earnings in the escrow account have been estimated and used to reduce borrowing cost incurred by the Lessee.
- Premature disbursements or delay in funding to the escrow may result in shortage of funds needed to fulfill vendor
- **THERE ARE NO DOCUMENTATION OR CLOSING FEES ASSOCIATED WITH THIS PROPOSAL.**
- The quoted interest rate is valid for 10-days from the date of the proposal. To lock in the interest rate, a credit submission would be required, and a credit approval attained within the same 10-day period. This financing is to be executed & funded within 30 days of the date of the proposal or Lessor reserves the right to adjust the interest rate. The proposal is subject to credit review and approval and mutually acceptable documentation.
- This proposal has been prepared assuming the lessee is bank qualified and that the proposed lease qualifies for Federal Income Tax Exempt Status for the Lessor under Section 103 of the IRS Code.

Thank you for allowing Community Leasing Partners the opportunity to provide this proposal. If you have any questions regarding the options presented, need additional options, or would like to proceed with a financing, please contact me at 888.777.7850.

Respectively,

Blake J. Kaus

Vice President & Director of Leasing

blakekaus@clpusa.net

The logo for Rosenbauer Firefighting Technology. It features the word "rosenbauer" in a bold, white, sans-serif font, with the "r" and "b" being slightly larger. Below it, the words "Firefighting Technology" are written in a smaller, italicized, white, sans-serif font. The entire logo is set against a solid red background that is part of a large, stylized arrow pointing to the right.

rosenbauer
Firefighting Technology

**Colusa City Fire
Department**

RSD Stock 78' Viper

Quote #7731



Table of Contents

Colusa City Fire Department	1
RSD Stock 78' Viper	1
Quote #7731.....	1
MEASUREMENTS	2
CHASSIS SPECIFICATION.....	2
AERIAL SPECIFICATION	66
SIREN / SPEAKER / WARNING LT PACKAGE	97
12-VOLT ELECTRICAL SYSTEM	103
CHASSIS MODIFICATION	108
WATEROUS CXVC22 SINGLE STAGE PUMP	110
STAINLESS STEEL PLUMBING.....	115
DISCHARGES	118
PUMP PANEL- SIDE MOUNT	123
WATER TANKS	127
MODULAR BODY	131
PAINT – LETTERING and STRIPING	145
LOOSE EQUIPMENT.....	147
WARRANTIES	148
MISCELLANEOUS	155

MEASUREMENTS

OVERALL HEIGHT

An overall height restriction has not been specified for this apparatus.

OVERALL LENGTH

An overall length restriction has not been specified for this apparatus.

OVERALL WIDTH

An overall width restriction has not been specified for this apparatus.

WHEELBASE

A wheelbase restriction has not been specified for this apparatus.

ANGLE OF APPROACH

The angle of approach for the apparatus shall not be less than eight (8) degrees as specified by the current edition of the NFPA 1901 Guideline.

ANGLE OF DEPARTURE

The angle of departure for the apparatus shall not be less than eight (8) degrees as specified by the current edition of the NFPA 1901 Guideline.

CHASSIS SPECIFICATION

CAB CUSTOM STYLE

The cab shall be a custom, cab over engine style, with the driver and officer positions ahead of the engine and front axle. The cab shall be specifically designed and manufactured for the fire service industry.

The cab shall be designed by manufacturer's engineering to meet the unique, heavy-duty construction specifications. The raw cab will be fabricated to meet the exact demand of the fire industry and shall be manufactured by a company with no less than 50 years of experience in building custom cabs. All aspects of the cab will be quality checked by manufacturers personnel. All cab and chassis customization and assembly will take place on the manufacturer's premises.

The cab shall be of a totally enclosed full tilt design, with the interior area completely open to improve visibility and verbal communication between the occupants. The cab shall be capable of tilting 45-degrees, allowing the chassis engine to be removed, if required, without tilting the cab beyond 45-degrees. No Exceptions.

The cab shall include a four (4)-point rubber isolated cab pivot and mounting system. The rear histic mounts shall be isolated from the chassis frame to reduce the transfer of road vibrations and frame torque into the cab, while providing superior handling characteristics. No solid mounted rear lock downs will be acceptable. No Exceptions.

The front cab pivot assemblies shall be 1/2" A36 steel plate with a .31" thick 2-1/2" diameter tube cross member mechanically attached to the cab and frame. There shall be two (2) greaseable rubber isolated engineered bushings to reduce the transfer of road vibrations into the cab.

The cab shall be locked down by a two (2)-point automatic spring-loaded hook mechanism that actuates after the cab has been lowered.

The cab super-structure shall be designed with high strength 6061-T6 aluminum extrusions and 3/16" 5052-H32 aluminum plate. This shall include the "A," "B," "C" and "D" extruded pillars, triple wall front end reinforced by 3/16" thick x 2"x3" extrusion tubes, 3/16" side walls and rear wall. This shall offer superior occupant protection in the event of vehicle impact.

The extrusions shall provide adequate space for routing of wiring and hoses which will provide service accessibility. Routing of harnessing which requires pulling of wires through tubes will not be allowed. No Exceptions.

The "A" pillar shall be of a closed section, one-piece extrusion extending from the cab header to the bottom of the cab. This design shall ensure strength and superior resistance to buckling in the event of a frontal impact.

The cabs front corners shall be constructed of 5052-H32 stamped aluminum to provide a consistent material composition. The stamping process alleviates the high tendency of fractures through the fusing of dissimilar metal composition as appears with a casting process.

Cast cab components, including cab corners, "A" pillars and front fascia components shall not be acceptable due to the high tendency of fractures. No Exceptions.

Additional cab strength shall be obtained through closed section, dual extrusions in the construction of the "D" pillars.

The front facade shall be constructed with dual wall .19" thick 5052-H32 aluminum plates which make up the front bulkhead, reinforced by .19" thick 6061-T6 aluminum extrusion (box-

sections), though-out the inner and outer perimeter of the front end / facade. The reinforcing third wall / barrier is .13" thick 5052-H32 work hardened aluminum facade panels. All panels shall be welded, no adhesive.

The cab side wall of the cab shall be 3/16" thick 5052-H32 aluminum plate. The cab side plate shall wrap the corner of the cab B pillar and slam post. The cab rear wall plates shall be reinforced with a minimum of two (2) 3/16 x 3" aluminum sections; the cab side reinforcements shall be a minimum of 28" apart and span from the cab B pillar and cab C pillar.

The rear wall of the cab shall be 3/16" thick 5052-H32 aluminum plate. The rear cab plate shall wrap the corner of the cab and attach to the cab D pillar and slam post. The cab rear wall plates shall be reinforced with four horizontal and dual vertical support sections; the dual vertical support structure shall consist of 1/8" thick x 2" 6061-T6 aluminum tubes and the horizontal hat sections shall consist of 1/8" thick x 4" 5052-H32 aluminum. The dual vertical support sections shall be 40" a-part, and the cab shall contain a minimum of four (4) 4" hat section horizontal supports.

Additionally, the rear edge of the floor shall include a 3/16" 6061-T6 aluminum tube extrusion (under the floor) and a 7" 5052-H32 aluminum cab floor support section (above the floor).

The outside cab width shall measure 99" across. The interior cab shall have a width of 93".

The cab length shall measure 77-1/3" from the center of the front axle to the front cab skin and 60" from center of the front axle to the back of the cab, for a total cab length of 137.3".

The cab shall also feature ample driver and officer foot room, a total of 3.7 square feet for the driver and 4.45 square feet of floor space at the officer's feet. (No exceptions)

The crew floor shall feature a complete flat floor design, including provisions for a one o'clock PTO inclusion, while still offering an uninterrupted 25 total square feet of space.

The leading edge of the cab floor from the steps shall meet NFPA 15.7.4 slip resistance requirements on both the front and rear cab doors. No Exceptions.

The cab shall meet or exceed cab impact test (SAE J-2420, cab rollover test (SAE J2422), and cab seating requirements (FMVSS 210, and FMVSS 208).

The cab shall include 4 doors. They shall have a front two (2) cab doors shall have a minimum clear opening of 42.5" wide by 81" high measured from the top of the lower cab step to the top of the door opening and the rear two (2) crew doors shall be a minimum clear door opening of 38-1/2" wide by 81" high measured from the top of the lower cab step to the top of the door opening. The length of the door will vary depending on the door type.

ROOF STYLE - FLAT

The roof of the cab shall incorporate a flat roof style. The cab roof design shall incorporate an angled front roof, transitioning into a rolled extrusion for a swept back design.

The roof of the cab shall feature dual .25" thick interlocked structural member extrusions running the entire width of the cab defending against buckling in the event of a rollover.

The interior cab height based on the flat roof style shall measure a minimum of 55-1/2".

The crew roof super structure shall include a reinforcement hat-section structure 1/8" thick 5052-H32 aluminum bracing. The for-aft support braces will be 24" on center apart, the side-to-side support braces will stretch from cab side to cab side and centered between the dual 3/16" extruded and plate reinforced roll-cage section.

The forward cab roof section shall include a combination of 1/8" 6061-T6 extruded tube reinforcements and a hat-section structure 1/8" thick 5052-H32 aluminum bracing. The bracing shall wrap the entire perimeter of the cab forward roof, and the condenser support structure.

The condenser support structure shall include 1/8" triple sections, supporting the outer perimeter and center of the condenser mounting pad.

Additionally, the entire roof super structure is reinforced by a .25" thick roof edge corner extrusion around the entire cab perimeter.

A drip rail shall be provided along the top radius of each cab side. The drip rails shall help prevent water from the cab roof running down the cab side.

DRIP RAIL EXTENSION

The cab shall have a drip rail extension in front of the driver and officer doors. The drip rail shall be connected to the rail along the roof and run midway down the "A" pillar to help prevent water from entering the cab when the front doors are opened. The rail shall be painted to match the cab exterior paint and paint break.

CAB STEPS

The cab steps shall meet NFPA 13-7.3 in size and slip resistance requirements.

The cab shall incorporate a two-step design at each door, with a first step height of approximately 22" from the ground. The leading edge of the first step shall be 5" further outboard than the second step to provide a staircase design for safer egress.

The front cab first step shall measure a minimum of 33" wide x 10" deep. The front cab intermediate step shall measure a minimum 31" wide x 8" deep.

The crew cab first step shall measure a minimum of 26" wide x 10" deep. The crew cab intermediate step shall measure a minimum 28" wide x 9" deep.

The top crew step shall incorporate an angle approximately midway from the rear wall to the crew door hinge extending out the flooring under the rear facing outer seat positions, offering foot placement for safety while seated in this position.

CAB STEP TRIM

The cab steps shall include a .80-gauge stainless steel construction on the first step, the step closest to the ground. The stainless-steel finish shall be a number 7 mirror. The step shall include a frame which is integral with the construction of the cab for rigidity and strength. The round hole pattern shall allow water and other debris to flow through rather than becoming packed under the step. The middle step shall be integral with the cab in construction and shall be trimmed in 3003-H22 embossed aluminum tread plate which is 0.100" thick.

CAB DOORS

The cab shall include a total of four (4) doors, two (2) forward and two (2) rear crew doors.

The forward cab doors shall be a minimum of 45" wide and have a cab structure opening of 42.5" wide. The rear crew doors shall be a minimum of 41" wide and a cab structure opening of 38.5" wide to provide enhanced entry and egress of the cab.

Each cab door shall feature:

- Superior strength and rigidity from 3/16" closed section extruded door frames
- Damping inside each door for a solid feel and minimized reverberation when closed
- A rolled rubber bulb seal style gasket shall be utilized around the door ensuring a weather tight fit
- Integrated, mechanical door stop
- A full length, hidden piano style 10-gauge stainless steel door hinge with a 3/8" pin, which shall be mounted inside the panel of the door prohibiting dirt and debris from becoming trapped in the hinge
- An integrated one-piece inner door assembly that includes a glass track, mounting provisions for window regulator, door handle and door panel shall be utilized. The inner

door assembly shall be easily removed with nut inserts. Self-tapping screws shall not be acceptable.

FULL LENGTH DOORS

All doors shall be full length from the roof of the cab extending down to cover and protect the entrance step areas.

CAB STEP TRIM KICKPLATE

The vertical section of all cab step risers at each door shall include an aluminum treadplate finish.

DOOR HANDLES

The exterior door handles shall be constructed of die-cast steel and chrome plated for a pleasing appearance. They shall feature a vertically oriented heavy duty pull style handles which are extended out and suitable for easy grasping with a gloved hand.

The interior door handle shall be a paddle style which shall be chrome in color. The paddle shall be hinged towards the rear of the cab.

Each door latch shall feature a military grade aligning dove tail guide striker assembly for precision door closure which prevents sagging throughout the life of the vehicle. No exceptions.

CAB DOOR LOCKS

All cab doors shall include manual door locks with keys. The door lock shall include a toggle and shall be an integral part of the interior door handle which is red in color. The exterior door lock is integrated with the door latch. The cab doors may be unlocked from the exterior with a key or through a thumb turn from inside the cab.

INTERIOR CAB DOORS

All cab doors shall consist of a one-piece formed and stamped aluminum interior panel. The panel shall include a formed collar around the interior door latch. The door panels shall be attached to the door with nutserts. ABS material shall not be acceptable. No exceptions.

INTERIOR CAB DOOR FINISH

All cab doors shall be finished with a polyurethane coating for durability. The finish shall be gray in color.

INTERIOR CAB DOOR CHEVRON

Reflective striping shall be installed on the interior of each chassis door. The lower portion of the doors shall have scotch lite red and yellow chevron striping applied to it. The striping shall be a minimum of 96 square inches per door. No Exception.

INTERIOR FRONT DOOR PULL

The interior driver and officer cab doors shall each include one (1) customized cast aluminum single piece door grab pull designed specifically for the fire service.

The single piece door pull shall have a curved designed in an “L” formation to provide multiple points for grasping with a gloved hand. The horizontal dimension shall be a minimum of 28" and the vertical dimension shall be a minimum of 20". The door pulls shall have an ergonomic curve making them easier to grasp when entering and exiting the cab. No Exceptions.

The door pull shall feature secure mounting in three separate locations of the pull utilizing stainless-steel fasteners with nut inserts in each location. Self-tapping screws or other mounting techniques shall not be allowed for interior door pulls or grab handles.

Each handle shall be constructed of A356 aluminum casting and shall feature a red powder coated finish.

INTERIOR GRAB HANDLE REAR DOOR

The interior driver and officer rear cab crew doors shall include one (1) customized cast aluminum single piece door grab pulls designed specifically for the fire service.

A red powder coated cast aluminum grab handle shall be provided on the inside of each rear crew door. The handle shall extend horizontally the width of the window just above the windowsill. The handle shall have an ergonomic curve making it easier to grasp assisting with entry and egress from the crew area of the vehicle. No Exceptions.

The door pull shall feature secure mounting with stainless-steel fasteners with nut inserts in each location. Self-tapping screws or other mounting techniques shall not be allowed for interior door pulls or grab handles.

Each handle shall be constructed of A356 aluminum casting and shall feature a red powder coated finish.

GRAB HANDLES "A" PILLAR

Two (2) additional molded 9.00" rubberized grab handles shall be installed inside the cab adjacent to the front doors. The handles shall be located, one (1) on the driver's side "A" Pillar and one (1) on the officer's side on the "A" Pillar.

WINDSHIELD

A one (1)-piece, safety glass full width windshield with more than 3,228 square inches of area will be provided. No Exceptions.

The windshield shall feature:

- A completely uninterrupted view from both the driver and officer positions
- The windshield will consist of three (3) layers. The outer layer, the middle safety laminate, and the inner layer. The .114" thick outer light layer will provide superior chip resistance. The middle safety laminate layer will prevent the windshield glass pieces from detaching in the event of breakage.
- Economical replacement readily available from auto glass supplier
- Easily removable for replacement using standard automotive techniques
- A frit band will be provided along with an outer trim seal on the outside perimeter of the windshield for a finished automotive appearance.

WINDSHIELD WIPER SYSTEM

A single windshield wiper system shall be incorporated in conformance with FMVSS and SAE requirements. Two (2) 22" windshield wiper arms shall be mounted below the windshield. Each arm shall include a 26" long wiper to provide optimum windshield clearing.

The windshield wiper fluid reservoir can be filled without raising the cab.

WINDSHIELD WIPER ACTIVATION

The windshield wipers shall be activated through a switch on the driver's panel, with intermittent control.

POWER WINDOW - DRIVER'S DOOR

The driver's door shall include a window which measures a minimum of 23.5" wide x 29" high, measured from the midpoints left to right and top to bottom. The window shall have a minimum clear viewing area of 681 square inches. The glass shall include a standard automotive tint and through powered actuation, shall completely roll into the door housing.



The window shall be trimmed in a black anodized aluminum ring and rubber seal to prevent water from entering the cab when closed.

POWER WINDOW SWITCHES

The Driver shall have switches for each of the cab door windows. The powered windows in the officer door, and each respective crew door, shall be activated by a switch on the respective door itself.

The switches for the driver and officer door windows shall be installed within a customized door grab handle. No Exception

POWER WINDOW - OFFICER'S DOOR

The officer's door shall include a window which measures a minimum of 23.5" wide x 29" high, measured from the midpoints left to right and top to bottom. The window shall have a minimum clear viewing area of 681 square inches. The glass shall include a standard automotive tint and through powered actuation, shall completely roll into the door housing.

The window shall be trimmed in a black anodized aluminum ring and rubber seal to prevent water from entering the cab when closed.

REAR DRIVER SIDE WINDOW

The rear driver's side crew door shall include a window measuring 22.5" wide x 27" high, measured from the midpoints left to right and top to bottom. The window shall have a minimum clear viewing area of 607 square inches. The glass shall include a standard automotive tint and through powered actuation, shall roll completely into the door housing. The power window shall be activated through a switch located on the top of the door panel.

REAR OFFICER SIDE WINDOW

The rear officer's side crew door shall include a window measuring 22.5" wide x 27" high, measured from the midpoints left to right and top to bottom. The window shall have a minimum clear viewing area of 607 square inches. The glass shall include a standard automotive tint and through powered actuation, shall roll completely into the door housing.

DRIVER CANOPY SIDE WINDOW

The cab shall include a fixed driver's side window glass which shall be located between the cab front and rear doors. The fritted glass shall have a clear viewing area of 15.5" wide x 21.5" high and shall include a standard automotive tint. To eliminate the possibility of corrosion, rubber gasket rings shall not be used in the installation of the window, the window shall be glued in.



OFFICER CANOPY SIDE WINDOW

The cab shall include a fixed officer's side window glass which shall be located between the cab front and rear doors. The fritted glass shall have a clear viewing area of 15.5" wide x 21.5" high and shall include a standard automotive tint. To eliminate the possibility of corrosion, rubber gasket rings shall not be used in the installation of the window, the window shall be glued in.

CAB INSULATION

The cab shall be insulated from road and vehicle resonance, exterior sound, and thermal intrusion.

The cab insulation system shall be comprised of three separate components each designed to assure optimal thermal and acoustic properties are achieved. Two layers of insulation material shall be utilized.

A minimum of .8" of SCbond Polyurethane Foam insulation shall be applied as an additional insulation between the cab skin and all interior ceiling surfaces. The insulation shall have a density of 10 lb/ft³ +/- .5 providing better thermal properties and acoustic reduction properties.

A layer of 1/8" barrier bubble film laminated between two layers of reflective metalized film shall be provided in the roof to minimize the effects of radiant heat. The barrier shall be mold and mildew resistant and have a Class A/Class 1 fire rating. The barrier shall have a minimum of a R-5.6 rating. No Exception

The interior cab insulation system shall meet NFPA 1901 14.1.6 standards and ensure that no seated position within the cab exceeds 90dB. This decibel rating shall be measured with the apparatus traveling 45 mph with climate control settings off.

All insulation used in the construction of the cab shall be marine grade featuring longevity and resistance to degradation.

The interior of the cab including the rear wall, side walls and ceiling panels shall be insulated.

Use of open cell material as the primary insulation will not be acceptable. No exceptions.

ENGINE TUNNEL INSULATION

The engine tunnel shall include an insulated barrier from noise on the underside of each tunnel surface. This barrier shall be engineered for surrounding engines.

The insulation barrier shall provide an acceptable decibel level within the cab meeting or exceeding the recommendations of NFPA 1901.

The thickness of the engine tunnel insulation shall be 1" thick. The insulating material shall be open cell polyether-based foam with a textured surface, specifically designed for acoustic absorption.

Use of aluminized faced material on the engine tunnel shall not be acceptable. No exceptions.

The engine tunnel insulation shall be precisely cut and sealed to fit each segment on the underside of the tunnel surface. The insulation shall then be affixed by a pressure sensitive adhesive.

The insulation shall meet or exceed FMVSS 302 flammability testing.

DAMPING INSULATION

The entire cab, including the ceiling and walls shall include additional insulation reducing structure borne noise from vibration, impact, and resonance within the cab.

INTERIOR TRIM MATERIAL

The interior trim shall feature a 31 oz. marine grade vinyl which features a tensile strength of ASTM D751 of excellent, tear strength meeting the Federal standard 191-5134 of excellent and shall be oil resistant passing the CID-A-A-2950A requirement for no permeation.

Due to the excellent qualities of the marine grade vinyl material, no other type of interior trim shall be acceptable. No Exceptions.

The soft trim vinyl shall feature mildew resistance passing ASTM G21-90 and shall be rated to - 25 degrees Fahrenheit.

The vinyl shall be flame retardant meeting California Fire Code 117, UFAC Class 1, and BIFMA Class 1 and shall have a high resistance to abrasion.

The interior of the cab including the ceiling panels shall feature this soft trim and shall be black in color.

REAR WALL INTERIOR MATERIAL

The rear wall of the cab shall be covered in black 31 oz. marine grade vinyl for a more pleasing appearance.

THROTTLE AND BRAKE PEDALS

The apparatus shall have suspended throttle and brake pedals.



FLOOR MAT

The interior flooring of the cab shall be covered with an advanced black multi-layer acoustic dampening mat. The floor matting shall be an open/closed cell, flexible polyurethane polyamide material with frictional dampening and dissipation properties. The mat shall be a fire and skid resistant non-wicking material.

SUN VISORS

The driver and officer seats shall feature a sun visor mounted in the header over each seating position. The sun visors shall be gray tinted plastic.

CAB DASH

The cab dash shall offer heavy duty, durable construction using resin transfer molding (RTM) technology formed composite material. The composite material shall be .28" thick for improved resistance and military type strength.

RTM is a low pressure, closed molding process which offers a dimensionally accurate and high-quality surface finish composite molding, using liquid thermoset polymers reinforced with various forms of fiber reinforcements. The matrix selection of polymer and reinforcement dictates molding mechanical and surface finish performance.

ABS polymer construction shall not be acceptable. No Exceptions.

The cab dash shall offer a finish of a polyurethane coating for a rugged design and finish. No Exceptions.

The polyurethane finish shall provide a tough, flexible, impact-absorbing, chemical & abrasion-resistant, even-textured, and skid-resistant surface. The polyurethane finish shall offer durability and scratch resistance even against today's advanced firefighting turnout materials with consistent, even coverage and a uniform texture. The polyurethane coating finish shall resist fading from UV light.

This construction shall allow for a clean, seamless dash area that shall reduce unnecessary joining of cab dash components. This design allows for the following features:

- Optimal heating and cooling of cab occupants, HVAC louvers shall be integrated into the gauge panel with a total of six (6) louvers; three louvers pointing at the driver and three louvers pointing at the officer.
- The cab dash instrument cluster shall be installed on a painted panel. This panel shall provide for easy removal to increase serviceability and provide ease of maintenance.
- For improved safety cab switches and controls shall be ergonomically located within easy reach of the driver when in the seated position with seatbelts fastened. This design will

reduce driver distraction and increase safety by putting frequently accessed driver controls within easy reach to allow the driver more time to focus on the road.

- The officer side cab dash shall have a painted fire service grade RTM composite fiberglass panel that shall house the three HVAC louvers on the officer side. This panel will also provide ergonomically located switches and controls for the officer. All controls shall be within easy reach while in the seated position with seatbelts fastened.
- Access panels on the top of the dash for both the driver and officer sides easing maintenance access to controls, components, and gauge assemblies
- The driver side dash shall include gauges for primary air pressure, secondary air pressure, a Pacific Insight instrumentation gauge panel and the DEF gauge as standard
- The driver side dash shall also include two (2) lower panels to the left and right of the steering column for FMVSS switches such as the Off/Ignition and start switches and the park brake assembly
- The driver dash shall include a panel for inclusion of an optional Weldon Vista screen and six (6) additional switches or the HVAC controls and additional switching to the right of the driver
- The officer dash shall include a recessed area for optional mounting cradles or brackets for a laptop computer, mobile data terminal, map compartment or clip board
- The officer dash shall include a panel for inclusion of an optional Weldon Vista screen and or provisions for switches and gauges to the left of the officer

ENGINE TUNNEL

The engine tunnel shall be constructed of aluminum offering superior durability in addition to thermal and acoustic resistance. Covering the engine tunnel shall be a layer of formed composite material for a contoured transition into the dash and offering a pleasing appearance.

The engine tunnel shall feature:

- A low-profile design measuring approximately 46.5" wide and 21.5" in height from the crew floor shall offer optimum visibility of the windshield and cab interior from any seated position. No Exception.
- The engine tunnel at the driver's position shall be a tapered design, featuring 24" clear width at floor level, first taper shall start 16.5" from floor level and taper inward for a clear width of 26" and the final taper shall start at 21" from floor level and taper inward for a clear width of 33".
- The engine tunnel at the officer's position shall be a tapered design, featuring 23" clear width at floor level, first taper shall start 16.5" from floor level and taper inward for a clear width of 22.5" and the final taper shall start at 21" from floor level and taper inward for a clear width of 31.5".
- The design shall offer a minimum of 30" for the driver and 28.5" for the officer as measured from the inside door pan to the top edge of the tunnel. The dimension

measured at the "H" (hip) point, with the seat in the lowest position, shall be a minimum of 28.5" for the driver and 27" for the officer. No Exception.

- Recessed sections for ease of mounting equipment at the rear of the tunnel or for compartments and bases which can be used for installing Fire/EMS equipment and components such as hand-held radios.

CAB DASH & ENGINE TUNNEL

The cab dash and the engine tunnel of the cab shall be coated with polyurethane coating for a durable finish. The color shall be black.

MODULAR CENTER DASH CONSOLE

The dash and front portion of the tunnel shall include an angled modular console centered between the driver and officer positions.

The console shall feature:

- Heavy-duty housing constructed from 14-gauge steel which is powder coated with a durable semi-gloss textured black finish to provide glare and corrosion resistance
- The console top constructed of black anodized aluminum extruded rails which allow for mounting brackets, plates, and other console options
- Integral nut tracks which allow mounting of equipment to the sides of the console by way of sliding 1/4"-20 hex nuts
- A hinged lid constructed from 16-gauge steel also powder coated for corrosion resistance
- The availability of pre-wiring for specific components
- A modular design for ease of changes and future additions such as changing out brands of radio, types of sirens or adding accessory space
- The console shall offer 4 areas, 2 upper sections, A and B and 2 lower sections, C and D with mounting plates for optional components.

Havis Console - Pre Configured

Havis Console - Upper Portion

Havis Console - Upper Portion - Option 11

BLACK MOUNTING PLATE FOR RADIO

One (1) black mounting plate(s) containing radio mounting shall be provided and incorporated in the modular dash console.

The location(s) shall be as follows:

BLACK MOUNTING PLATE FOR POWER POINTS

Two (2) black mounting plate(s) containing two (2) 12-volt DC power points and one (1) USB/USB-C power point shall be provided and incorporated in the modular dash console.

The location(s) shall be as follows:

CONSOLE MOUNTED SIREN

One (1) black mounting plate(s) containing mounting for a siren shall be provided and incorporated in the modular dash console.

The location(s) shall be as follows:

CONSOLE MOUNTED TRAFFIC LIGHTBAR CONTROLLER

One (1) black mounting plate(s) containing a plate to mount the traffic advisor lightbar controller shall be provided and incorporated in the modular dash console.

The location(s) shall be as follows:

CONSOLE MOUNTED AM/FM RADIO

One (1) black mounting plate(s) containing a mount for an AM/FM radio shall be provided and incorporated in the modular dash console.

Havis Console - Lower Portion

Havis Console - Lower Portion - Option 3

BLACK MOUNTING PLATE

One (1) black mounting plate(s) containing blank plates shall be provided and incorporated in the modular dash console.

The location(s) shall be as follows:

CONSOLE MOUNTED ACCESSORY BOX

Two (2) black mounting plate(s) containing a 6-inch open accessory box shall be provided and incorporated in the modular dash console.

The location(s) shall be as follows:

CONSOLE MOUNTED CUP HOLDER

Two (2) black mounting plate(s) containing two cup holders shall be provided and incorporated in the modular dash console.

The location(s) shall be as follows:

INSTRUMENTATION PANEL

The instrumentation panel inlay shall be painted the lower job color.

INTERIOR CAB FINISH

The interior cab shall be finished in a high-performance Polyurethane coating including the interior A, B, C and D pillars, all occupant seat frames and any surrounding surfaces extending to the ball seal around each door.

This type of coating shall feature:

- Durability, scratch, chemical and abrasion resistance
- Consistent, even coverage and a uniform texture
- Resistance from fading from exposure to UV light
- Black in color

CAB HEADER

The cab header shall offer heavy-duty, durable construction using resin transfer molding (RTM) technology formed composite material. The composite material shall be .28" thick for improved resistance and military type strength.

RTM is a low pressure, closed molding process which offers a dimensionally accurate and high-quality surface finish composite molding, using liquid thermoset polymers reinforced with various forms of fiber reinforcements. The matrix selection of polymer and reinforcement dictates molding mechanical and surface finish performance.

ABS polymer construction shall not be acceptable. No Exceptions.

The cab header shall offer a finish of a polyurethane coating for a rugged design and finish. No Exceptions.

The polyurethane finish shall provide a tough, flexible, impact-absorbing, chemical & abrasion-resistant, even-textured and skid-resistant surface. The polyurethane finish shall offer durability and scratch resistance even against today's advanced firefighting turnout materials with

consistent, even coverage and a uniform texture. The polyurethane coating finish shall resist fading from UV light.

The cab header shall also be purpose built for integration of Fire/EMS components and ease of maintenance with panels above both the driver and officer positions measuring 8" wide x 15" long for mounting radios, aerial controls, and switches.

HVAC HEATING AND COOLING SYSTEMS

The interior cab climate control shall be comprised of a triple system that shall include a defroster, a cab and crew heater and air conditioner for a complete HVAC system. The air conditioning system shall be comprised of compressor, condenser, and a minimum of three (3) evaporators to provide consistent temperature control throughout the entire cab.

The system shall be rated as an Emergency Vehicle grade for use in Fire and Rescue style vehicles and shall provide environmental air treatment in accordance with published SAE standards.

The HVAC system shall be tested and certified by the component manufacturer and a third-party independent certified testing laboratory, including all three systems. Documentation of test results shall be provided with the bid. No Exceptions.

The HVAC system shall be a total and complete system, and shall provide sufficient defrosting, heating and cooling to the entire cab. The HVAC system shall meet or exceed all specified items without the use of auxiliary heating and cooling systems.

DEFROSTING SYSTEM

The defrosting system shall feature:

- To provide maximum defrost and heating performance, a 30,000 BTU heater-defroster unit will be provided inside the cab.
- The defroster unit will be strategically located under the center forward portion of the instrument panel. For easy access, a removable cover will be installed over the defroster unit.
- Six (6) vents shall be located in the top forward portion of the dash for superior defrosting properties across the entire windshield.
- Defrost vents for the driver's and officer's windows.
- The system shall be capable of clearing 90 percent or more of the windshield in fifteen (15) minutes or less after a three (3) hour cold soak at 0 degrees Fahrenheit (-17.78 degrees Celsius).

- The system shall exceed flash fogging standards that are set forth in the SAE Heavy-duty cab with sleeper specifications. Documentation from a third-party testing facility shall be available upon request. No Exception.
- The defroster will include an integral aluminum frame air filter, high performance dual scroll blowers, and ducts designed to provide maximum defrosting capabilities for the one (1) piece windshield.

HEATING SYSTEM

The heating system shall feature:

- Delivery of a minimum of 82,000 BTU/hour of heat to the entire cab.
- Heat and air circulation shall be provided to the driver's and officer's foot area of the cab as standard through ducting in the foot well area of both positions. No Exception.
- Substantial air movement and heating provided to the driver and officer's position, composite dash will have six (6) adjustable louvers, located in the dash, three (3) adjustable louvers directed at the driver and three (3) adjustable louvers directed at the officer and floor vents at the driver and officer.
- Aluminum dash will have (4) adjustable louvers, located in the dash, two (2) adjustable louvers directed at the driver and two (2) adjustable louvers directed at the officer and floor vents at the driver and officer.
- Dual overhead units, with five (5) adjustable louvers shall be mounted above the rear facing seat positions on the driver and officer side of the cab
- The heater shall be plumbed with a shut off valve at the engine, so that the coolant bypasses the heaters.

AIR CONDITIONING

The air conditioning system shall feature:

- One (1) evaporator shall be located under the center dash and two (2) crew overhead evaporators located near the B-pillar on each side of the cab allowing for greater frontal visibility for the forward-facing crew seating and allowing for more interior mounting of accessories.
- A gravity condensation drain system shall be utilized. These drains shall remove all condensation from the evaporator units and direct it to the exterior of the chassis cab for optimal performance. Systems utilizing pumps to remove condensation, or gravity systems with poles or other obstructions located within the cab to route drains through shall not be acceptable. No Exceptions.
- Substantial air movement for optimum cooling shall be provided to the driver and officer positions, with six (6) adjustable louvers, located in the dash, three (3) adjustable louvers shall be directed at the driver and three (3) adjustable louvers shall be directed at the officer and floor vents at the driver and officer.



- The air condition system shall be capable of cooling the cab from outside ambient average temp of 104 degrees Fahrenheit (40 degrees Celsius) to an average inside cab temp of 71 degrees Fahrenheit (22 degrees Celsius) at no less than 50% humidity in 30 minutes with an engine RPM of 1250, after a two (2) hour heat soak. A certification document from the testing facility shall be available upon request. No Exception.
- Proposals offering ceiling mounted evaporator units in the center of the cab above or on the engine tunnel shall not be accepted as this is a safety consideration due to the lack of visibility and communication within the cab.

CAB PAINT AIR CONDITIONING CONDENSER COVER

The air conditioning condenser cover shall be made from aluminum and shall be painted to match the roof color. Plastic condenser covers will not be acceptable. No Exception.

HEATER HOSE

The heater hose inside the cab for the HVAC system shall be a premium silicone hose.

CONDENSER

The cab air conditioning system shall include one (1) low profile HE-condenser which shall be centered on the driver's side of the cab roof.

HEATING AND COOLING CONTROLS

The HVAC system shall be controlled through all available LCS.

REAR CREW AREA CONTROLS – EVAPORATOR MOUNTED

The controls for the crew area heat and A/C shall be located on the tunnel mounted evaporator unit.

REAR CREW AREA CONTROLS – LCS PANEL

The controls for the crew area heat and A/C shall be from manual HVAC control knobs. There will be no ability to control rear HVAC from the driver or officer positions.

REAR CREW AREA CONTROLS –CENTERED OVERHEAD

The controls for the crew area HVAC system shall be mounted overhead, centered between the rear facing seating position.

Seats Inc

SEAT MATERIAL

The seats shall include Turnout Tuff material; this urethane-coated denier nylon is water repellent to 75 PSI of water Pressure. Suitable for Heavy Duty applications, this cloth has a bursting strength of 300+ pounds per foot and surface abrasion of 1000+ cycles-Heavy Grit Wheel. Modeled after Turnout Gear, this material contains a rip-stop weave stopping unraveling if punctured standing up to hard working environments. Turnout Tuff is manufactured to meet flammability requirements including FMVSS 302, UFAC class 1, and California Fire Code Technical Bulletin No. 117 Section E.

SEAT BACK LOGO

The seat back shall include the “Rosenbauer” logo. The logo shall be centered on the standard headrest of the seat back.

SEAT AND SEAT BELT COLOR

The seats in the cab shall be gray in color with red seat belts.

DRIVER SEAT

The driver’s seat shall be a 911 Seats XL, wide series seat.

Standard features of this 10way Non SCBA 3-point ABTS (all belts to seats) include 108 degree recline, wide contoured back with 2 way adjustable lumbar. Electronic adjustments include fore/aft, up/down, front/rear tilt.

The seat shall feature an XL 21-inch-wide comfort cushion including Seats Incorporated exclusive EVC (elastomeric vibration control) easing tailbone pressure, enhancing comfort, and reducing vibration by up to 50%. This system has Seats Inc’s D2 (dual density) foam combining a soft topper foam pad further enhancing comfort, and a high-density bottom foam base to promote longevity.

The seat(s) shall have a 7-year manufactures warranty, no exception.

Cushion reinforced with French seaming and is NFPA compliant with an occupancy sensor.

SEAT BELT SINGLE RETRACTOR

The seat shall feature 3-point ABTS (all belts to seats). The single retractor seat belt shall feature Ready Reach to ensure that the seat belt is easy to see and grab while in full turnout gear.

SEAT BACK

The seat back shall incorporate a standard style headrest.

SEAT MOUNTING DRIVER

The driver's electric seat shall be installed in an ergonomic position in relation to the cab dash.

The power seat or seats installed in the cab shall be wired directly to battery power.

DRIVER SEAT BOX STORAGE COMPARTMENT

There shall be a storage area under the driver's seat. The compartment shall be 21.25 inches wide, 22.50-inches long, and 6.25 inches high. The access opening shall be 15.00 inches wide and 4.50 inches high.

ALUMINUM ACCESS DOORS

There shall be aluminum doors provided for covering each of the driver and officer seat compartment openings. The doors shall be coated to match the interior of the cab and shall be equipped with piano-style hinges and manual latches.

OFFICER SEAT

The officer seat shall be 911 Seats Incorporated 911 Seats XL, wide series seat.

The seat shall feature 3-point ABTS (all belts to seats).

The seat shall feature a 21-inch-wide XL comfort cushion including Seats Incorporated exclusive EVC (elastomeric vibration control), easing tailbone pressure, enhancing comfort, and reducing vibration by up to 50%. This system has Seats Inc's D2 (dual density) foam combining a soft topper foam pad further enhancing comfort, and a high-density bottom foam base to promote longevity. Seat to include a wide comfort back with contoured foam.

The seat(s) shall have a 7-year manufactures warranty, no exception.

Cushion reinforced with French seaming and is NFPA compliant with an occupancy sensor.

SEAT BELT SINGLE RETRACTOR

The seat shall feature 3-point ABTS (all belts to seats). The single retractor seat belt shall feature Ready Reach to ensure that the seat belt is easy to see and grab while in full turnout gear.

SEAT BACK

The seat back shall include a Seats Incorporated Halo mechanical self-contained breathing apparatus (SCBA) bracket. The Positive Locking Mechanical walk away bracket shall meet NFPA 1901-03 9G dynamic requirements for cylinder restraint systems for use in crew compartments of fire truck cabs. The bracket shall be third Party tested to ten (10) times the force of gravity.

The bracket shall include –

- Plastic-dipped rings designed to fit the full range of bottle diameters
- Vertical height adjustment to accommodate different bottle heights
- An easy achieved safe lock without risking damage to equipment
- A center cushion release mechanism

OFFICER'S SEAT BOX STORAGE COMPARTMENT

There shall be a storage area under the officer's seat. The compartment shall be 19.75 inches wide, 17.50 inches long, and 6.25 inches high. The access opening shall be 9.00 inches wide and 4.50 inches high.

REAR FACING OUTER SEAT

Two (2) rear facing outer crew area seat(s) shall be 911 Seats Incorporated XL, wide series flip bottom seat(s).

The seat(s) shall also feature a 21-inch-wide XL comfort cushion including Seats Incorporated exclusive EVC (elastomeric vibration control), easing tailbone pressure, enhancing comfort, and reducing vibration by up to 50%. This system has Seats Inc's D2 (dual density) foam combining a soft topper foam pad further enhancing comfort, and a high-density bottom foam base to promote longevity. Seat to include a wide comfort back with contoured foam.

The seat(s) shall have a 7-year manufactures warranty, no exception.

Cushion reinforced with French seaming and is NFPA compliant with an occupancy sensor.

Belt Orientation shall pull from outboard shoulder to inboard hip

SEAT BELT SINGLE RETRACTOR

The seat shall feature 3-point ABTS (all belts to seats). The single retractor seat belt shall feature Ready Reach to ensure that the seat belt is easy to see and grab while in full turnout gear.

SEAT BACK

The seat back shall include a Seats Incorporated Halo mechanical self-contained breathing apparatus (SCBA) bracket. The Positive Locking Mechanical walk away bracket shall meet NFPA 1901-03 9G dynamic requirements for cylinder restraint systems for use in crew compartments of fire truck cabs. The bracket shall be third Party tested to ten (10) times the force of gravity.

The bracket shall include –

- Plastic-dipped rings designed to fit the full range of bottle diameters
- Vertical height adjustment to accommodate different bottle heights
- An easy achieved safe lock without risking damage to equipment
- A center cushion release mechanism

REAR FACING OUTER SEAT MOUNTING

Each rear facing outer seat shall be mounted facing the rear of the cab.

FORWARD FACING CENTER SEAT

Two (2) forward facing center crew area seat(s) shall be 911 Seats Incorporated XL, wide series flip bottom seat(s).

The seat(s) shall also feature a 21-inch-wide XL comfort cushion including Seats Incorporated exclusive EVC (elastomeric vibration control), easing tailbone pressure, enhancing comfort, and reducing vibration by up to 50%. This system has Seats Inc's D2 (dual density) foam combining a soft topper foam pad further enhancing comfort, and a high-density bottom foam base to promote longevity. Seat to include wide comfort back with contoured foam.

The seat(s) shall have a 7-year manufactures warranty, no exception.

Cushion reinforced with French seaming and is NFPA compliant with an occupancy sensor

Belt Orientation- LH & RH to Door

SEAT BELT SINGLE RETRACTOR

The seat shall feature 3-point ABTS (all belts to seats). The single retractor seat belt shall feature Ready Reach to ensure that the seat belt is easy to see and grab while in full turnout gear.

SEAT BACK

The seat back shall include a Seats Incorporated Halo mechanical self-contained breathing apparatus (SCBA) bracket. The Positive Locking Mechanical walk away bracket shall meet NFPA 1901-03 9G dynamic requirements for cylinder restraint systems for use in crew compartments of fire truck cabs. The bracket shall be third Party tested to ten (10) times the force of gravity.

The bracket shall include –

- Plastic-dipped rings designed to fit the full range of bottle diameters
- Vertical height adjustment to accommodate different bottle heights
- An easy achieved safe lock without risking damage to equipment
- A center cushion release mechanism

SEAT MOUNTING FORWARD FACING CENTER

The forward-facing center seats shall be installed facing the front of the cab.

SEAT FRAME FORWARD FACING ENCLOSED

The forward facing center seats shall include an enclosed seat box which is located and installed on the rear wall.

The seat frame shall be constructed of no less than 5052-H32 .19" thick aluminum plate.

SEAT FRAME FORWARD FACING ACCESS

The seat frame shall include two (2) cutouts one on each side of the seat box for access. Each cutout shall be in the outboard position facing the rear crew doors.

SEAT COMPARTMENT FINISH

The seat frame shall be finished to match the interior finish of the cab.

Exterior Grab Handles 18" Aluminum

Exterior Grab Handles Bare Aluminum w/ Lighting

EXTERIOR GRAB HANDLES

One (1) 18" exterior assist handle shall be mounted behind each of the cab doors. The grab handle shall be made of 1.25" diameter aluminum to enable non-slip assistance with a gloved handy. The handle shall feature red LED lights which shall illuminate when the respective door is opened. The handles shall be mounted to the cab with nutserts. No Exception.

GRAB HANDLE LIGHT ACTIVATION

The grab handle lights shall activate when the park brake is engaged.

CAB FASCIA

The cab fascia shall offer a traditional, yet aggressive appearance, in its design and shall be constructed of work-hardened 5052-H32 aluminum. This design shall feature:

- A super structure which is fully welded to the cab, for a seamless and robust integration
- Thermoformed headlamp bezels, constructed of impact resistant, polycarbonate composite which is vacuum metalized to eliminate peeling and bubbling of a chrome type film or plating
- Traditional style headlight bezels with 4 x 6 high intensity headlights which shall add a classic look to the fascia while improving visibility

FRONT GRILLE

A prominent front grille shall punctuate the aggressive design of the cab with its outboard wing style warning light bezels and heavy framework. The front grille shall feature:

- Fabricated construction for superior strength and durability
- Stainless Steel mirror finish for a distinctive appearance
- Up to six (6) warning light locations along the mid bar for a variety of warning light combinations

LIGHT BEZEL

The front grille shall include two (2) wing light bezels. The bezels shall be constructed of a stainless material and shall be capable of holding one (1) 4" x 6" warning light in each bezel.

GRILLE LOGO

The front grille shall include a Rosenbauer logo.

FRONT GRILLE INLAY

The front grille shall include a honeycomb inlay of steel, painted black, which shall provide air flow to through the grille and provide a sporty, muscular appearance to the front of the apparatus.

The horizontal bars shall be overlaid with polished stainless steel strips.

FLUID FILLS & CHECK

For ease of maintenance and access, the following fluid checks shall be located behind the tiltable and/or removable mesh grille panel:

- Engine oil dipstick
- Engine coolant sight glass
- Power steering fluid dipstick
- Windshield washer fluid

The following fluid fills shall be located behind the tiltable and/or removable mesh grille panel:

- Engine oil
- Power steering
- Windshield washer fluid

Proposals including access to fluid checks through the tunnel or by raising the cab shall not be considered.

LED HEADLIGHTS

A set of 4 Fire Tech 4X6 LED Headlights shall be provided. The kit shall consist of 2 fixtures which operate as SAE VOR “high/low” beams, and 2 fixtures which operate as SAE VO “high-only” beams. All 4 headlights shall have a SAE “P” parking lamp halo surrounding the driving beams, which shall be energized any time the vehicle park brake is set. Optically, on the high/low headlight, an articulated set of elliptical optics must be used to illuminate the foreground while operating in “low” beam mode. The lens of the high/low beam headlight shall be marked “DOT VOR SAE HL P 16.” The lens of the high-only beam shall be marked “DOT VO SAE HL P 16.” All circuits of the headlights shall be designed to operate from 9-32v DC.

All 4 fixtures must be manufactured such that the internal pressure of the headlight remains constant regardless of operating temperature. The housing shall be equipped with a mechanically fastened GORE PolyVent. Similar functioning vent materials affixed to the housing using adhesive shall not be acceptable for substitution.

The headlights shall be installed, wired, and aimed, in accordance with FMVSS108. The manufacturer of the headlights shall warrant the headlights against defects for the life of the apparatus.

The headlights shall be warranted against failure and condensation accumulation by HiViz for the life of the apparatus.



HEADLIGHT FLASHER

The LCS electrical system will directly control the high beam headlamps, when enabled the LCS electrical system shall allow the high beams to flash alternately from left to right. Deliberate operator selection of high beams will override the flashing function until low beams are again selected. Per NFPA, these clear flashing lights will also be disabled “On Scene” when the park brake is applied.

HEADLIGHT FLASHER SWITCH

The alternating high beam headlamp switch shall be located on the LCS display.

HEADLIGHT LOCATION

The headlights shall be located on the front fascia in the upper buckets, on each side of the cab grille.

104 OS, 105 OS, and 104 DS, 105 DS

FRONT TURN SIGNALS

Two (2) Whelen M6 LED square, front turn signal assemblies shall be provided. Each turn signal shall be mounted in an attractive façade style bezel which is an integral part of the fascia.

TURN SIGNAL LOCATION

The turn signals shall be located on the front fascia directly below the headlights, one on each side of the cab grille.

106 OS & DS

FRONT MARKER LAMPS

The cab front shall include five (5) LED amber marker lamps above the windshield in accordance with the Department of Transportation requirements.

SIDE MARKER LIGHTS

Two (2) LED side marker light assemblies shall be mounted on the side of the cab ahead of the driver door, adjacent to the front head lamp bezel.

HEADLIGHT AND MARKER LIGHT ACTIVATION

The headlight and marker lights shall be activated through a switch on the driver's panel.

CAB FENDERS

The cab wheel wells shall have full width, 14-gauge 304 polished, stainless-steel cab fenders to resist corrosion and enable easier cleaning maintenance. The inner liner, measuring 18" wide shall be constructed of plastic with an outer fenderette measuring 2.5" wide. The inner liner shall be installed with 410 stainless-steel hardware that has been coated with black zinc oxide.

COMMANDER LOGO

A COMMANDER logo shall be installed on each side of the chassis cab.

FRONT MUD FLAPS

The cab and chassis shall be provided with rubber front mud flaps with the Rosenbauer "R" logo.

CAB TILT SYSTEM

The cab shall be a full tilt style. A hydraulic cab lift system shall be provided consisting of an electric powered hydraulic pump, dual lift cylinders, and necessary hoses and valves. The cab tilt pump shall be mounted on the right-hand side of the chassis frame in front of the batteries below the frame. The mounting bracket shall be Hot Dipped Galvanized.

The dual lift cylinders shall lift the cab 45 degrees from a horizontal plane facilitating easy engine maintenance. The chassis engine shall be able to be removed if required without tilting the cab beyond 45-degrees.

The center line of the chassis cab tilt shall be a minimum of 76" from the center line of the front axle, providing a large corridor between the cab and front tire for maximum workspace and accessibility to the fan, fan belt, fan drive, air compressor, power steering pump, alternator, and air filter.

The tilt angle shall allow access to the engine and area under the cab without contacting any components mounted to the gravel shield.

The cab shall include a four (4)-point rubber isolated cab pivot and mounting system. The rear histic mounts shall be isolated from the chassis frame to reduce the transfer of road vibrations and frame torque into the cab, while providing superior handling characteristics.

The front cab pivot assemblies shall be a 1/2" A36 steel plate with a .31" thick 2-1/2" diameter tube cross member mechanically attached to the cab and frame. There shall be two (2) greaseable rubber isolated engineered bushings to reduce the transfer of road vibrations into the cab.

The cab shall be locked down by a two (2)-point automatic spring-loaded hook mechanism that actuates after the cab has been lowered.

The cylinders shall include blocking valves (velocity fuses) which prevent motion when no control buttons are pushed. In the event of a hydraulic system failure, the valves shall retain the fluid in the cylinders.

A redundant mechanical stay arm shall automatically be engaged once the cab has been fully raised. Before lowering the cab, this device must be disengaged using the stay arm control located on the driver's side rear of the cab, providing the operator protection from high engine exhaust temperatures. The stay arm shall be safety yellow for high visibility so that it is easy to see whether the arm is in place or not. No Exception

All mounting points shall be bolted directly to the frame rail.

The cab lift safety system shall be interlocked with the parking brake. The cab tilt mechanism shall be active only when the parking brake is set, and the battery master switch is in the on position. If the parking brake is release, the cab tilt mechanism shall be disabled.

There shall be a manual pump incorporated in the event of a system failure to the cab tilt system.

A warning light shall illuminate in the cab instrument panel to indicate whenever the cab is not fully latched in the locked down position, and the parking brake is released.

CAB TILT LIMIT SWITCH

An adjustable cab tilt limit switch shall be included with the cab tilt system. The switch shall effectively limit cab's travel to avoid impact with bumper mounted items, or station ceiling clearance, while being tilted.

There shall be a safety bar to hold the cab at the new adjusted height for additional safety.

CAB TILT LOCK DOWN INDICATOR

The cab dash shall include a message located within the dual air pressure gauge which shall alert the driver when the cab is unlocked and ajar. The alert message shall cease to be displayed when the cab is in the fully lowered position and the hold down hooks are secured and locked to the cab mounts.

In addition to the alert message an audible alarm shall sound when the cab is unlocked and ajar and the parking brake is released.

Bus Style Mirrors

REARVIEW MIRRORS

The cab exterior shall include Ramco bus style mirrors, one (1) mounted on the drivers' door and one (1) mounted on the officer's side front cab corner radius below the windshield.

The driver's side mirror shall be model CRM-310-1750-TPHCHR. The mirror head shall be injection molded chrome plated ABS plastic that measures 9.5" wide x 17.5" high and is mounted with a polished die-cast aluminum arm.

The officer's side mirror shall be model CRM-310-1752-A18-TPHCHR. The mirror head shall be injection molded chrome plated ABS plastic that measures 9.5" wide x 17.5" high and is mounted with a 18" long polished cast aluminum arm.

The mirrors shall feature an upper heated remote convex glass with a lower heated remote flat glass. The mirror control switches shall be located within easy reach of the driver. The mirrors shall be manufactured using the finest quality non-glare glass and shall feature a rigid mounting reducing vibration. The mirrors shall be corrosion free under all weather conditions.

REARVIEW MIRROR REMOTE ACTIVATION

The driver's panel shall include activation for the rearview mirrors remote function. The driver panel shall also include a switch activating the mirrors to be heated.

CAB TWO TONE PAINT

The cab surface shall be thoroughly washed with grease cutting solvent (PPG DX330) prior to any sanding. The cab surface shall then be sanded and minor imperfections filled and sanded. The prepared surface shall then be washed again with (PPG DX330) to remove any contaminants from all surfaces to be painted.

The first coating to be applied shall be a pre-treat epoxy primer (.5 to 1.0 dry film build) for maximum adhesion to the body material. The next two to four coats shall be a polyurethane primer resurfacing agent (PPG F4936). The film build shall be 4-6 mils when dry. The primer coat, after appropriate dry time, shall be sanded with 320-600 grit sandpaper to ensure a maximum gloss finish. The last step shall be an application of at least three coats of PPG FDG polyurethane two-component color (single stage). The film build shall be 2-3 mils when dry. The single stage polyurethane shall provide a UV barrier to prevent fading and chalking.

The cab shall then be painted with the specific color designated by the customer with a minimum thickness of 2.00 mils of finished paint, followed by a clear top coat not to exceed 2.00 mils.

CAB PAINT UPPER

The upper or secondary cab color shall be PPG _____ color and _____ number.

Paint Code:

Paint Color: WHITE

CAB PAINT LOWER

The lower or primary cab color shall be PPG _____ color and _____ number.

Paint Code:

Paint Color: RED

CAB PAINT EXTERIOR BREAKLINE

The upper and lower paint shall meet on the cab which shall start at the grille under the wings and travel 6" below the cab windshield and approximately 5" under the driver, passenger, and crew door windows.

CAB UNDERCOAT

The cab shall have an undercoat applied prior to the cab being set on the running gear. The under coat shall be a waterborne, one-component, air dry undercoat formulated to prevent chipping, cracking, and marring of painted or unpainted surfaces after exposure to high impact sand, gravel or other abrasive materials. It shall also have high corrosion resistance.

PAINT SPRAY OUT

The customer shall be supplied with a paint spray out of their chosen color(s) for approval prior to the chassis cab exterior being painted.

FRONT AXLE

The Hendrickson Steer Tek front axle beam shall be rated to carry 23,000 lbs. and consist of a fabricated box cross section construction with 100ksi plate and a continuous beam architecture to minimize stress points for added durability. The box shaped cross section resists horizontal, vertical, and twisting forces more effectively than traditional I-beam axles while helping to reduce dynamic camber and toe changes therefore a traditional I-beam axle shall not be considered. The axle shall incorporate a removable kingpin feature for ease of kingpin

serviceability. The knuckles shall allow for compatibility with disc brakes mounted at the 12-o'clock position and with drum brakes and allow for wheel cut up to 45 degrees. They shall also utilize premium kingpin bushings and seals to provide enhanced protection from the elements to improve bushing life.

The axle shall have a magnetic drain plug in the hubs.

The axle shall be warranted for five (5) years or five hundred thousand (500,000) miles, whichever comes first. No Exception.

FRONT WHEEL BEARING LUBRICATION

The front axle wheel bearings shall be lubricated with oil. The oil level can be visually checked via clear inspection windows in the front axle hubs.

FRONT SUSPENSION

The suspension shall consist of multi-leaf parabolic springs with double wrapped front eye that are packaged within an integrated clamp group that allows for ease of OEM assembly on to the axle beam and reduced part count. The clamp group bolts are tightened on the top of the clamp group opposed to the traditional U-bolt on the bottom making it easier to access with a torque wrench for servicing. The spring shall also include a lower shock attachment with an upturned eye. The springs will contain threaded pin bushings to allow simplification of spring alignment as well as long service life and improved ride quality. The suspension and spring geometry will be optimized to provide improved bump steer and Ackermann.

Two ZF Sachs twin-tube shocks shall be provided with the front suspension assembly. The shocks shall be specially developed for parabolic leaf springs with a digressive characteristic curve using a patented piston system. The shocks shall feature multi-stage piston and base valves.

The combination of valves shall achieve the desired damping characteristics that are ideal for the application. The suspension shall be rated for a minimum of 22,800 lbs. No Exception.

POWER STEERING GEAR WITH ASSIST

The power steering gear shall be a TRW model TAS 85 and shall include the following:

- A balanced, hydraulic, positive displacement, sliding vane power steering pump which is gear driven from the engine
- One-piece, 2" diameter drag link for maintaining consistent wheel alignment resulting in less maintenance.
- The steering gear shall be mounted on a plane that is at a 9-degree angle in relationship to the center plane of the chassis. This mounting technique is designed to reduce the

operating angle of input steering shafts. A more direct, responsive, and smoother handling vehicle will result from these unique design characteristics.

- A certified torque and geometry study by TRW shall be available upon request.

CHASSIS ALIGNMENT

The chassis frame rails shall be measured to ensure the length is correct and cross checked to make sure they run parallel and are square to each other. The front and rear axles shall be laser aligned. The front tires and wheels shall be aligned and toe-in set on the front tires by the apparatus manufacturer.

Alignment documentation shall be available upon request.

FRONT AXLE CRAMP ANGLE

The chassis shall have a front axle cramp angle of 45 degrees to the left and right.

STEER TIRES

The steer tires shall be Michelin 425 65R 22.5 20PR “L” tubeless radial XZY3 mixed service tread.

The steer tires shall feature:

- A stamped load capacity of 22,800 pounds per axle with a speed capacity of 65 miles per hour when properly inflated to 120 pounds per square inch

TIRE BALANCING

All tires shall contain counter acting balancing beads. Rim mounted weights are unacceptable, no exceptions.

FRONT WHEEL

The front wheels shall be Alcoa hub piloted, 22.5-inch x 12.25-inch polished aluminum wheels. The hub piloted mounting system shall provide easy installation and shall include two-piece flange nuts. The wheels shall feature one-piece forged strength and shall include Alcoa’s Dura-Bright® finish with XBR technology as an integral part of the wheel surface. Alcoa Dura-Bright® wheels keep their shine without polishing. Brake dust, grime and road debris are easily removed by simply cleaning the wheels with soap and water.



FRONT BRAKES

The front brakes shall be Meritor EX225 Disc Plus disc brakes with 17" vented rotors. The disc brakes shall be provided with visual wear indicators.

The front brakes shall include brake chambers supplied by Meritor and shall be approved per application.

STEERING COLUMN AND WHEEL

The cab shall include a Douglas Atotech steering column. The steering column shall feature an 18", four (4) spoke steering wheel located at the driver's position; a five (5) position tilt and 2.25" telescopic adjustment. The steering wheel shall be provided with a black vinyl cover with foam padding and a horn button, self-canceling turn signal switch, four-way hazard switch and headlamp dimmer switch. The steering column shall also incorporate a steering angle sensor.

The chassis shall include dual electric 12-volt horn with a minimum of 110 decibels.

REAR AXLE

A Meritor RS-30-185 driving axle shall be incorporated as the rear axle for the chassis.

The axle shall feature:

- Rated capacity of 33,000 pounds
- Heavy duty Hypoid gearing for longer life, increased strength, and quieter operation
- Industry-standard wheel ends for compatibility with drum brakes, and unitized oil seal technology to keep lubricant in and help prevent contaminant damage
- Rigid differential case for high axle strength, and reduced maintenance
- Rugged Dependability
- Rectangular shaped, hot formed housing with a standard wall thickness at spring seat of .56" for extra strength and rigidity
- A magnetic plug
- 5-year warranty

REAR AXLE DIFFERENTIAL LUBRICATION

The rear axle differential shall be lubricated with oil.

REAR WHEEL BEARING LUBRICATION

The rear axle wheel bearings shall be lubricated with oil.

REAR SUSPENSION

The single rear axle shall feature a Reyco 79KB vari-rate, self-leveling captive slipper type conventional multi-leaf spring suspension, with 57.50 inch X 3.00 inch springs. One (1) adjustable and one (1) fixed torque rod shall be provided.

The rear suspension capacity shall be rated at 33,000 pounds based on the capacity of the brakes and rear tires.

REAR BRAKES

The rear brakes shall be Meritor 16.50" X 8.63" S-cam drum type.

The rear brakes shall include brake chambers supplied by Meritor and shall be approved per application.

REAR BRAKE SLACK ADJUSTERS

The rear brakes shall include Meritor automatic slack adjusters installed on the axle which features a simple, durable design offering reduced weight. The automatic slack adjusters shall feature a manual adjusting nut which cannot inadvertently be backed off and threaded grease fittings for easy serviceability.

REAR SHOCK ABSORBERS

Shock absorbers shall be supplied by the suspension manufacturer and installed on the rear axle suspension.

REAR AXLE DIFFERENTIAL CONTROL

The rear axle shall include a driver controlled differential lock. This shall allow the main differential to be locked and unlocked when encountering poor road or highway conditions, where maximum traction is needed, for use at speeds no greater than 25 MPH.

REAR AXLE DIFFERENTIAL CONTROL ACTIVATION

The rear axle driver controlled locking differential control shall be activated through LCS display.

REAR TIRES

The rear tires shall be Michelin 315/80R 22.5 20PR "L" tubeless radial X Line Energy Z highway tread.



The rear tires shall feature:

- A stamped load capacity of 33,080 pounds per axle with a speed capacity of 75 miles per hour when properly inflated to 130 pounds per square inch

TIRE BALANCING

All tires shall contain counter acting balancing beads. Rim mounted weights are unacceptable, no exceptions.

REAR WHEEL

The rear wheels shall be Alcoa hub piloted, heavy duty, 22.50-inch X 9.00-inch polished aluminum wheels with Alcoa Dura-Bright® wheel treatment with XBR® technology as an integral part of the wheel. The hub piloted mounting system shall provide easy installation and shall include two-piece flange nuts.

VALVE STEM EXTENSION - SINGLE AXLE

To allow for easy checking and inflation of the rear inner tire, it shall be equipped with a multi-layer valve stem extension. The layers shall be as follows: starting from the inner to outer layer - a stainless-steel metal core, an air tube, a stainless-steel jacket, a protective cover.

VEHICLE TOP SPEED

The top speed of the vehicle shall be programmed at approximately 65 MPH +/-2 MPH at the governed engine RPM.

BRAKE SYSTEM

A rapid build-up air brake system shall be provided. The air brakes shall include a two (2) air tank, three (3) reservoir system with a minimum of 4152 cubic inch of air capacity. A floor mounted treadle valve shall be mounted inside the cab for graduated control of applying and releasing the brakes. The system shall include an anti-compounding feature. All air reservoirs provided on the chassis shall be labeled for identification.

The rear axle spring brakes shall automatically apply in any situation when the air pressure falls below 25 PSI and shall include a mechanical means for releasing the spring brakes when necessary. An audible alarm shall activate when the system air pressure is below 60 PSI.

A four (4) sensor, four (4) modulator anti-lock braking system (ABS) shall be installed on the front and rear axles in order to prevent the brakes from locking or skidding while braking during hard stops or on icy or wet surfaces. This in turn shall allow the driver to maintain steering control under heavy braking and in most instances, shorten the braking distance. The electronic



monitoring system shall incorporate diagonal circuitry which shall monitor wheel speed during braking through a sensor and tone ring on each wheel.

A dash mounted ABS lamp shall be provided to notify the driver of a system malfunction. The ABS system shall automatically disengage the auxiliary braking system device when required. The speedometer screen shall be capable of reporting all active defaults using PID/SID and FMI standards.

Additional safety shall be accommodated through Automatic Traction Control (ATC) which shall be installed on the single rear axle. The ATC system shall apply the ABS when the drive wheels loose traction. The system shall scale the electronic engine throttle back to prevent wheel spin while accelerating on ice or wet surfaces.

The Electronic Stability Control (ESC) unit is a functional extension of the electronic braking system. It is able to detect any skidding of the vehicle about its vertical axis as well as any rollover tendency. The control unit comprises an angular-speed sensor that measures the vehicle's motion about the vertical axis, caused, for instance, by cornering or by skidding on a slippery road surface. An acceleration sensor measures the vehicle's lateral acceleration. The Controller Area Network (CAN) bus provides information on the steering angle. On the basis of lateral acceleration and steering angle, an integrated microcontroller calculates a theoretical angular speed for the stable vehicle condition.

The Meritor Wabco ABS and ESC system shall come with a three (3) year/300,000-mile parts and labor warranty.

w/ air manifold
NOT AVAILABLE on Tillers

MUD / SNOW SWITCH

A momentary control shall be provided and properly labeled "mud/snow." The control shall be a button on the LCS display. When the button is pressed once, the system shall allow a momentary wheel slip to obtain traction under extreme mud and snow conditions. During this condition, the ATC light shall blink continuously notifying the driver of activation. Pressing the button again shall deactivate the mud/snow feature.

Switch will be on screen in LCS Trucks

AIR TANK BRACKETS & STRAPS

The air tank(s) shall be mounted to the frame rail with brackets that are hot dipped galvanized thereby creating a barrier and cathodic protection from corrosion and eliminating the requirement for finish paint and the subsequent requirements for touch up paint and/or total repaint after a



period of time due to nicks, chips and corrosion. Powder coated or painted air tank brackets shall not be accepted. No exception.

All of the air tank straps shall be plastic coated stainless-steel cable. No Exception.

PARK BRAKE

Upon application of the push-pull valve in the cab, the rear brakes will engage via mechanical spring force. This is accomplished by dual chamber rear brakes, satisfying the FMVSS parking brake requirements.

In addition to the mechanical rear brake engagement, the front service brakes will also engage via air pressure, providing additional braking capability.

PARK BRAKE CONTROL

A Meritor-Wabco manual hand control push-pull style valve shall operate the parking brake system. The control shall be yellow in color.

The parking brake actuation valve shall be mounted on the driver's side dash to the right of the steering column within easy reach of the driver.

AIR DRYER

The brake system shall include a Wabco System Saver 1200 Plus air dryer with an integral 100-watt heater with a Metri-Pack sealed connector. The system shall have an integrated purge volume and integrated governor.

The system shall have the following features:

- Premium desiccant provides greater water adsorption
- Replaceable spin on cartridge for simple maintenance
- Compact light weight design
- Pressure relief safety valve
- Turbo cut-off valve for boosted compressor applications
- Service components are external for easy replacement
- Common service components proven for reliability and quality
- Integrated with the air governor.

MOISTURE EJECTORS

Manual pet-cock type drain valves shall be installed on all reservoir tanks in the air supply system.

AIR SUPPLY LINES

A dual air system plumbed with color coded reinforced nylon tubing air lines shall be installed on the chassis. The primary (rear) brake line shall be green, the secondary (front) brake line orange, the parking brake line yellow and the auxiliary (outlet) will be black, in accordance with SAE standards. No Exception.

Brass push-lock type fittings shall be used on the nylon tubing. All drop hoses shall include fiber reinforced neoprene covered hoses.

AIR INLET CONNECTION

An air connection for the shoreline air inlet shall be supplied.

PLUMBING AIR INLET CONNECTION

The air inlet connector shall be plumbed to the air system with a check valve to prevent air from escaping through the inlet connector.

AIR INLET LOCATION

The air inlet shall be located on the driver's side of the cab above the wheel well.

locate behind auto eject
206 DS

FRAME

The chassis frame shall consist of two (2) "C" style parallel rails, constructed of high strength low alloy and shall feature the following:

- A Stenx **MODEL 110XF** 10.19" high by 3.63" deep cold rolled steel frame or equivalent.
- .38" thick flange
- Inner channel measuring 9.31" high x 3.25" deep x .25" thick
- The 10.19" frame height shall be maintained throughout the entire length of the frame to allow for maximum storage capacity for the entire apparatus.
- If frame rails that are larger than those specified are to be utilized, the maximum height of each frame rail shall not exceed 10.25" at any point on the frame rail. This will ensure the lowest possible vehicle center of gravity allowing maximum stability as well as providing the lowest body height possible.
- Frame rail shall have a consistent frame web throughout the entire length.



- The entire frame rail design shall be manufactured in the United States of America and readily available on the aftermarket.
- Grade 8 Structural fasteners, Huck bolts shall not be acceptable. No Exception.
- The hardware used for the chassis shall be corrosion resistant. The process shall be dip-spin-bake coated with two coats of zinc/aluminum metal flake coating in an inorganic binder. Coating one is to be zinc flake and coating two is to be aluminum flake. The zinc flakes sacrificially corrode to protect the base metal. The aluminum flakes prolong the life of the zinc. Salt fog test life, based on ASTM B117 on unassembled fasteners, is 1000 hours to red rust. The same test on assembled fasteners is 750 hours to red rust. The two-step coating is RoHS compliant as it eliminates the hexavalent chromium used in the passivation of electroplated zinc coatings to create yellow zinc (zinc dichromate). The elimination of the zinc plating also greatly reduces the likelihood that hydrogen embrittlement will occur. Hydrogen embrittlement is a side effect of electroplating that reduces toughness and can lead to fracture. No Exception
- Manufacturer's lifetime warranty

The frame ratings shall be as follows:

- 110,000 PSI minimum yield strength high strength low alloy steel
- Minimum Resisting Bending Moment (RBM) of 2,810,000-inch pounds per rail

To avoid frame cracking and failure over time, the top flange of the frame adjacent to the engine installation shall have a tapered design. Notches for engine components shall not be accepted due to fatigue and the potential for cracking. No Exceptions

UNDER-FRAME REINFORCEMENT

An under-slung frame reinforcement shall be installed below the frame rails in the transmission area to increase the vertical rigidity of the frame.

The under-frame reinforcement provides:

- Enhanced handling
- Improved ride quality
- Increase resistance to frame and cross member fatigue
- Enhanced vehicle stability providing improved safety to occupants

CROSS MEMBERS

There shall be a minimum of seven (7) steel plate cross members installed on the apparatus.

- 50,000 psi minimum yield strength steel plate cross members
- Manufacturer's lifetime warranty to match frame warranty. No Exceptions.

- Installed with one-piece cross member gusset to maximize vertical strength and minimize cross member flex
- Crossmembers can be inverted when required to allow for PTO drive line installation without the need for notching or modifying the cross members in any way. No Exceptions.

FRONT FRAME EXTENSION

A single piece 80,000 PSI steel extension shall be installed on the front of the frame rails.

- Reduces frame flex which translates into improved vehicle handling and ride quality
- Designs using multiple piece, bolt together extensions will not be acceptable since they are prone to more flexing, possible frame failure and cab cracking
- Allows radiator to be removed through the bottom of the frame extension without tilting the chassis cab
- Minimizes damage to the chassis cab in the event of frontal impact accident
- Maintains structural integrity of the chassis frame rails while attaching bumper extensions of varying lengths
- Splayed or notched frame rails and/or extensions shall not be accepted
- Provides foundational strength and stability of the cab tilt system which provides superior access to engine and cooling components

FRAME FINISH

Prior to assembly, each frame rail section and cross members shall be hot dip galvanized. The galvanizing process will permeate each frame section to prevent rust and corrosion and not be merely an applied coating. The galvanized frame sections shall be provided in the natural finish eliminating the requirement for finish paint and the subsequent requirements for touch up paint and/or total repaint after an amount of time due to nicks, chips, and corrosion.

Galvanizing shall provide a barrier and cathodic protection from corrosion. During the galvanizing process, the complete frame sections and cross members shall be immersed in molten zinc; except for the cross member that contains the engine mounts. Through diffusion, the zinc shall bond to the steel at the molecular level. The resulting zinc coating shall provide a barrier that shields the steel from the environment.

FRONT FRAME EXTENSION FINISH

The front frame extension shall be hot dipped galvanized to resist weather, dirt and other corrosive material.

Proposals offering powder coated or painted frames shall not be accepted. No Exceptions.

FRAME GALVANIZING WARRANTY

Rosenbauer Motors, LLC hereby warrants the galvanized frame rails shall be warranted for a period of twenty 20 years and includes the following coverage:

- The galvanized surfaces of the frame rails and cross members shall be free from corrosion caused by dissimilar metals, adhesion, blistering or peeling.
- The galvanized surfaces of the frame rails and cross members shall be free from any corrosion perforation.

Under this warranty Rosenbauer Motors, LLC agrees to repair or refinish any galvanized surface that has been found to have a defect caused by defective manufacturing methods or galvanized material where there is no indication of abuse, neglect, unusual or other than normal service providing that such item or items are, at the option of Rosenbauer Motors, LLC, made available for our inspection at our request, returned to our factory or other location designated by us with transportation prepaid within thirty days after the date of failure or within twenty years from the date of delivery of the apparatus to the original purchaser, whichever occurs first, and inspection indicates the failure was attributed to a defect caused by defective manufacturing methods or galvanized material selection. Written authorization for repair or item replacement must be sought from Rosenbauer Motors, LLC customer service prior to the repair or item replacement occurring.

Coverage Period

0 – 10 years = 100%

11 – 15 years = 50%

16 – 20 years = 25%

This warranty shall not apply to or cover:

- Normal maintenance services include cleaning and repair of surface corrosion caused by normal road salt/chemicals or debris contacting the frame rails and cross members.
- Damage to the galvanized frame rails caused by exposure to severe environmental or chemical conditions or acidic environment.
- Any item that has been repaired, replaced, or altered by a facility not approved in advance by Rosenbauer Motors, LLC, or in a manner which, at Rosenbauer Motors, LLC discretion, may adversely affect the safe operation or durability of the vehicle or item.
- Special, incidental, or consequential damages including, but not limited to, loss of time, inconvenience, loss of use, lost profits or transportation fees or charges to or from any facility.
- Any malfunction resulting from misuse, negligence, alteration, accident or lack of operational knowledge, lack of normal or required maintenance or adjustments, fire or acts of God.

This warranty is in lieu of all other warranties expressed or implied, and all other obligations or liabilities on our part. This warranty does not supersede the structural warranty. We neither assume nor authorize any person to assume for us any liability or make any alteration to this warranty in connection with the sale of our apparatus unless expressly given in writing by Rosenbauer Motors, LLC, 5190 260th St. Wyoming, MN 55092.

NOTE: Surety bond, if required, will cover the standard one-year warranty period only and will not cover any extended warranties allowed by seller or other component manufacturers.

BUMPER

The chassis shall feature a standard, two (2) rib 12" high by 102" wide wrap around style bumper constructed from highly polished, 10 gauge, 316 stainless steel.

Integral stainless steel bumper "wings" shall extend from the bumper to the cab.

The bumper shall be mounted to an eighteen inch (18") long chassis frame extension.

A contoured apron/gravel shield fabricated from NFPA compliant, slip-resistant polished aluminum shall enclose the area between the bumper and the cab.

FRONT BUMPER COMPARTMENT

A recessed fire hose compartment constructed from smooth aluminum shall be installed in the center of the front bumper extension. Water drain holes shall be provided in the bottom.

BUMPER COMPARTMENT DOOR

The front bumper compartment shall be equipped with a raised aluminum treadplate door for the full width of the compartment.

COMPARTMENT LIGHT

One (1) vertically mounted LED strip light shall be installed inside the compartment. The light shall have a polycarbonate lens to eliminate breakage from impact and eliminate heat buildup and be approximately 30" in length.

MOUNTING

The compartment light shall be mounted in the door jamb to illuminate the compartment interior.

TOW HOOKS

Two (2) tow hooks shall be mounted to the bumper extension under the bumper towards the forward section of the extension. The tow hooks shall be steel and shall be powder coated black.
Engine Placement

ENGINE

A Cummins X12 12.0-liter diesel fueled; turbo charged engine shall feature the following:

- One of the highest power to weight ratios in its class
- Heavy-duty replaceable wet liners, roller followers, by-pass oil filtration with replaceable spin on cartridge and targeted piston cooling for longer service in tough work environments
- Improved cooled EGR system
- 720 cubic inches of displacement
- High pressure common rail fuel system producing a precise quantity of fuel at ultra-high pressures
- Fully integrated, robust electronic engine controls
- Electric fuel lift pump. No Exceptions.
- Standard drain plug

The engine shall be coupled with a Holset VGT™ (Variable Geometry Turbocharger).

The engine shall be filled with Citgo brand Citgard 500 (or equivalent) SAE 15W40 CJ4 low ash engine oil for proper engine lubrication.

The engine shall be EPA certified to meet the 2021 emissions standards without compromising performance, reliability or durability using cooled exhaust gas recirculation and selective catalytic reduction technology.

The engine shall include an original equipment manufacturer installed oil drain plug.

The engine shall include programming which will govern the top speed of the vehicle.

ENGINE PLACEMENT

The engine shall be a maximum of 36" from the center line of the front axle to the front face of the engine block. The engine valve cover shall be a maximum of 23" from the top of the frame.

The engine placement shall provide optimal weight distribution to the front axle to enhance vehicle handling. More weight out in front of the front axle can cause a “fulcrum effect” and cause unsafe “bump steer” conditions.

The engine shall be mounted in a position that provides for the lowest possible height of the interior engine tunnel. An engine tunnel height from the floor of the chassis cab shall be no more than 21" high inside the cab.

AIR COMPRESSOR

The air compressor provided for the engine shall be a Cummins branded Wabco compressor which shall be capable of producing 25.4 CFM at 1200 engine RPMs. The air compressor shall feature a higher delivery efficiency translating to more air delivery per horsepower absorbed. The compressor shall include an aluminum cylinder head which shall improve cooling, reduce weight and decrease carbon formation. Superior piston and bore finishing technology shall reduce oil consumption and significantly increase the system's component life.

AIR GOVERNOR

An air governor shall be provided to control the cut-in and cut-out pressures of the engine mounted air compressor. The governor shall be calibrated to meet FMVSS requirements. The air governor shall be integrated in the air dryer assembly.

CHANGE POWER STEERING TO CORRECT OPTION FOR X12

NO GVWR OVER 77,000# W/O ENGINEERING APPROVAL

Cummins X12 & X15 Surcharge

HORSEPOWER

The engine shall have 500 horsepower at 1800 RPM, with a governed speed of 2000 RPM.

The engine shall have 1695-foot pounds of torque at 1000 RPM.

ENGINE FAN DRIVE

The engine cooling system fan shall incorporate a thermostatically controlled Viscous fan clutch drive.

The fan clutch shall automatically engage in pump mode (when applicable).

FAN CLUTCH

The clutch fan shall automatically engage in pump mode (when applicable).

AUXILIARY ENGINE BRAKE

A Cummins engine compression brake, for the six (6) cylinder engine, shall be provided. The engine compression brake shall:

- Activate upon 0% accelerator when in operation mode and activate the vehicle's brake lights.

TRANSMISSION PRE-SELECT

When the auxiliary brake is engaged, the transmission shall automatically shift to second gear to decrease the rate of speed. The transmission shall assist the secondary braking system, thereby slowing the vehicle.

AUXILIARY ENGINE BRAKE CONTROL

An auxiliary engine brake control device shall be included. The electronic control device shall monitor various conditions and shall activate the engine brake only if all of the following conditions are simultaneously detected:

- A valid gear ratio is detected.
- The driver has requested or enabled engine compression brake operation.
- The throttle is at a minimum engine speed position.
- The electronic controller is not presently attempting to execute an electronically controlled final drive gear shift.

The compression brake shall be controlled via an off/low/medium/high virtual switch on the Weldon Vista display. The multiplex system shall remember and default to the last engine brake control setting when the vehicle is shut off and re-started.

ENGINE PROGRAMMING HIGH IDLE SPEED

The engine high idle will be set at 1250 RPM. The high idle will be operational only when the parking brake is applied, and the truck transmission is shifted into neutral.

ENGINE HIGH IDLE CONTROL

The vehicle shall be equipped with an automatic high-idle speed control. The high idle shall be pre-set so when activated, it will operate the engine at the appropriate RPM to increase alternator output.

This device shall operate only when the control switch is activated, and the transmission is in neutral with the parking brake set. The device shall disengage when the operator depresses the brake pedal, or the transmission is placed in gear, and shall be available to engage manually



through a virtual switch in the LCS Display, or automatically re-engage when the brake is set, and the transmission is placed in neutral. A LCS Display shall indicate the high idle speed control is active.

ENGINE AIR INTAKE

The engine air intake system shall include an ember separator air intake filter which shall be located behind the fascia.

The filter shall protect the downstream air filter from embers using a combination of unique flat and crimped metal screens constructed into a corrosion resistant steel frame.

This multilayered screen shall be designed to trap embers or allow them to burn out before passing through the pack, while creating only minimal air flow restriction through the system. Periodic cleaning or replacement of the screen shall be all that is required after installation.

The intake shall also feature a cyclone style water separator to remove unwanted moisture from incoming air.

The engine shall include an air intake filter which shall be bolted to the frame and located under the front of the cab. This dry type of filter shall ensure dust and debris is safely contained inside the disposable housing, eliminating the chance of contaminating the air intake system during air filter service via a leak-tight seal.

The filter must have a capacity of no less than 1350 cubic feet of air per minute. The filter paper media must be of a flame retardant treated material. An electric air filter restriction indicator shall also be included with the system.

ENGINE EXHAUST SYSTEM

The exhaust system shall include a one-piece diesel particulate filter (DPF), a diesel oxidation catalyst, and a selective catalytic reduction catalyst (SCR) to meet current EPA standards.

The selective catalytic reduction catalyst shall utilize a diesel exhaust fluid solution consisting of urea and purified water to convert nitrogen oxide into nitrogen, water, and trace amounts of carbon dioxide. The solution shall be injected into the system between the DPF and SCR chambers.

The system shall utilize 0.065-inch-thick stainless steel exhaust tubing between the engine turbo and the DPF.

The after-treatment canister through the end of the tailpipe shall all be connected with zero leak gasketed clamps. The discharge shall terminate horizontally on the right side of the vehicle ahead of the rear tires with an exhaust gas diffuser.

The diffuser shall lower exhaust gas temperatures during the regeneration cycle.

DIESEL EXHAUST FLUID TANK

There shall be a molded cross linked polyethylene tank for the Diesel Exhaust Fluid (DEF). The tank shall have a capacity of not less than five (5) usable gallons (18.92 Liters) and shall be mounted on the left-hand side of the chassis frame in front of the batteries below the frame. The mounting bracket shall be Hot Dipped Galvanized.

The DEF tank shall be designed with capacity for expansion in case of fluid freezing. Engine coolant, which shall be thermostatically controlled, shall be run through lines in the tank to help prevent the DEF from freezing and to provide a means of thawing the fluid if it should become frozen.

DIESEL EXHAUST FLUID TANK

There shall be an access door provided in the top rear step of left side crew area for access to the DEF tank.

ENGINE EXHAUST ACCESSORIES

An exhaust temperature mitigation device shall be shipped loose for installation by the body manufacturer on the vehicle. The temperature mitigation device shall lower the temperature of the exhaust by combining ambient air with the exhaust gases at the exhaust outlet.

ENGINE EXHAUST WRAP

The exhaust tubing between the engine turbo and the diesel particulate filter (DPF) shall be wrapped with a thermal cover in order to retain the necessary heat for DPF regeneration. The exhaust wrap shall also help protect surrounding components from radiant heat which can be transferred from the exhaust.

DIESEL PARTICULATE FILTER CONTROLS

Provide DPF system status annunciation indicator lights, lights shall be installed on driver dash to alert driver when regeneration is needed and when DPF is in an active re-generation cycle.

Warning systems shall provide DEF low level warning.

Driver's dash shall be provided with two (2) controls for the Diesel particulate filter; one (1) manual regeneration switch to activate a regeneration cycle manually when passive burn is unobtainable due to driving conditions; and one (1) Regen "Inhibit Switch".

Activations will be provided in the service screen of the Driver Display for One LCS trucks.

The switches shall be located in a covered location for V-Mux and P2P trucks.

ENGINE COOLING SYSTEM

The radiator and the complete cooling system shall meet or exceed NFPA and engine manufacturer cooling system requirements.

The system shall include and feature the following:

- A vertically stacked charge air cooler producing the maximum cooling capacity for the engine. Proposals offering horizontally stacked charge air cooler shall not be acceptable. No Exceptions
- The charge air cooler and radiator shall measure not less than 1214 square inches
- A surge tank with a low coolant probe and capable of removing entrained air from the cooling system, with built in sight glass
- Radiator re-circulation shields to prevent heated air from re-entering the cooling system and affecting performance
- Mounts allowing the entire radiator to drop through the frame for service when needed. No Exceptions
- Engine placement shall provide a minimum of 8" between the engine fan and radiator to maximize the airflow and cooling of the engine.
- A Spin on Element water filter with corrosion inhibitor shall be provided for the cooling system. No Exception.
- The coolant filter shall be provided with two (2) shut off valves, one (1) one inlet and one (1) outlet. No Exception.
- Cooling system shall be tested and certified by the engine manufacturer

COOLANT HOSES

The cooling systems hose shall be formed silicone hose and formed aluminized steel tubing and include constant tension spring clamps.

ENGINE COOLANT

The cooling package shall include Extended Life Coolant (ELC). The use of ELC provides longer intervals between coolant changes over standard coolants providing improved performance. The coolant shall contain a 50/50 mix of ethylene glycol and de-ionized water to keep the coolant from freezing to a temperature of -34 degrees F.

Supplemental coolant additives (SCA) are not required as this is part of the extended life coolant makeup.

ADDITIONAL COOLANT SHUT OFF VALVE

An additional coolant shut off valve with connection shall be installed in the chassis coolant lines with a connector. This shall allow for the installation of an additional heater such as a pump compartment heater without draining the coolant system.

ENGINE PUMP HEAT EXCHANGER

A single bundle type coolant to water heat exchanger shall be installed between the engine and the radiator. This pump heat exchanger shall circulate water from the fire pump to the heat exchanger thereby reducing the temperature of the coolant for the engine. The heat exchanger shall be designed to prohibit water from the fire pump from encountering the engine coolant.

TRANSMISSION

The drive train shall include an Allison model EVS 4000 torque converting automatic transmission which shall include electronic controls. The transmission shall feature two (2) 10-bolt PTO pads located on the converter housing; one (1) in the 8:00 o'clock position and one (1) in the 1:00 o'clock position.

The transmission shall include two (2) internal oil filters and Allison approved transmission fluid which shall be utilized in the lubrication of the EVS transmission. An electronic oil level sensor shall be included with the readout located in the shift selector.

The Gen V transmission shall include prognostic diagnostic capabilities. These capabilities shall include the monitoring of the fluid life, filter change indication, and transmission clutch maintenance.

The transmission gear ratios shall be:

1st	3.51:1
2nd	1.91:1
3rd	1.43:1
4th	1.00:1
5th	0.74:1
6th	0.64:1 (if applicable)
Rev	4.80:1

TRANSMISSION COOLING SYSTEM

The transmission shall include a water to oil cooler system located in the cooling loop between the radiator and the engine. The transmission cooling system shall meet all transmission manufacturer requirements. The transmission cooling system shall feature continuous flow of engine bypass water to maintain uninterrupted transmission cooling.

TRANSMISSION DRAIN PLUG

The transmission shall include an original equipment manufacturer installed magnetic oil drain plug.

AUTOMATIC NEUTRAL

The transmission shall be provided with an automatic neutral. When the parking brake is applied the transmission automatically returns to neutral.

TRANSMISSION FLUID

The transmission shall include two (2) internal oil filters and Allison approved transmission fluid which shall be utilized in the lubrication of the EVS transmission. An electronic oil level sensor shall be included with the readout located in the shift selector.

TRANSMISSION SHIFT SELECTOR

An Allison 6th GEN pressure sensitive range selector touch pad shall be provided and located on the tunnel to the right of the driver.

The shift selector shall provide an indicator on the digital display and shall alert the driver/operator when a specific maintenance function is required.

PTO LOCATION

The transmission driven power takeoff (PTO) shall be mounted in the 1:00 o'clock position.

TRANSMISSION MODE PROGRAMMING

The transmission, upon start-up, will select the fifth speed operation without the need to press the mode button.

TRANSMISSION PROGRAMMING

The EVS Vocation Package Number 198 for the fire service for this apparatus as a Pumper. This package shall incorporate an automatic neutral with selector override. This feature commands the transmission to neutral when the park brake is applied, regardless of drive range requested on the shift selector which requires re-selecting the drive range to shift out of neutral for the override.

This package shall be coupled with the use of a split shaft PTO and incorporate pumping circuits. The transmission will detect the pump engaged signal and automatically select or deselect fourth gear lock-up. These circuits shall be used allowing the vehicle to operate in the fourth range

lockup while operating the pump mode due to the 1 to 1 ratio through the transmission, therefore the output speed of the engine is the input speed to the pump. The pump output can be easily calculated by using this input speed and the drive ratio of the pump itself to rate the gallons of water the pump can provide.

A nine (9) pin diagnostic connector will be provided.

The trans module shall contain the following circuits:

<u>FUNCTION ID</u>	<u>DESCRIPTION</u>	<u>WIRE ASSIGNMENT</u>
C1	PTO Drive Interface Output 1	142
J	Fire Truck Pump Mode (4th Lockup)	122/123
G1	PTO Drive Interface Output 1	130
C	Range Indicator	145 (4th)
	Signal Return	103

DRIVELINE

All drivelines shall be heavy duty metal tubes equipped with Spicer 1810 series universal joints.

The shafts shall be dynamically balanced prior to installation to alleviate future vibration. In areas of the driveline where a slip shaft is required, the splined slip joint shall be coated with Glide Coat®.

FUEL FILTER/WATER SEPARATOR

The fuel system shall have a Fleetguard FS1065 fuel filter/water separator as a primary filter. The fuel filter shall have a drain valve.

A water-in-fuel sensor shall be provided and wired to an instrument panel lamp and audible alarm to indicate when water is present in the fuel/water separator.

A secondary fuel filter shall be included as approved by the engine manufacturer.

FUEL SYSTEM

The fuel tank shall have a capacity of fifty (50) gallons/one hundred eighty-nine (189) liters.

The tank shall offer:

- Beveled Rear Corner to allow for better angle of departure.
- A vent port which will facilitate venting to the top of the fill neck for rapid filling without any "blow-back"

- Two (2) 2" NPT fill ports for left-and-right-hand fill with a .5" NPT drain plugs centered side to side, 9" from the front of the tank
- A roll over ball check vent for temperature related fuel expansion and draw
- A design including dual draw tubes and sender flanges
- A baffled design which shall be constructed of steel
- A black Powder Coated exterior to ensure corrosion resistance

The fuel tank shall be mounted below the frame, behind the rear axle. There shall be two (2) three-piece strap hanger assemblies with "U" straps bolted midway on the fuel tank, allowing the tank to be easily lowered and removed for service purposes.

The strap hanger material shall be stainless-steel. No Exceptions.

For isolation of vibration and movement, rubber isolating pads shall be provided between the tank and the hanger strap assemblies. The tank straps shall be attached to rubber coated cross members which help isolate the tank from frame flex.

Strap mounting studs through the rail, hidden behind the body shall not be acceptable.

All fuel lines shall be connected with steel fittings with all fittings pointed towards the right side (curbside) of the chassis.

The chassis fuel lines shall feature an additional 4' of length provided so the tank can be easily lowered and removed for service purposes which shall be coiled and secured at the top of the tank.

FUEL LINES

The fuel system supply and return lines installed from the fuel tank to the engine shall be black aramid braided lines with a fiber outer braid. The fuel lines are compatible with bio-diesel fuel blends and utilize reusable steel fittings.

FUEL SHUTOFF VALVE

Two (2) fuel shutoff valves shall be installed at the fuel filter to allow the fuel filter to be changed without loss of fuel to the fuel pump.

FUEL COOLER

The cross-flow air to fuel cooler shall be all aluminum and shall be provided to lower fuel temperature allowing the vehicle to operate at higher ambient temperatures. The fuel cooler shall be located reward of the battery box, under the frame.

The fuel cooler shall incorporate a fan for improved heat transfer.

The fuel cooler shall be mounted to the frame using hot dipped galvanized brackets. Powder coated or painted brackets shall not be acceptable. No exception.

ALTERNATOR

The charging system shall include a 320-amp Leece Neville 12-volt alternator. The alternator shall include a self-excited integral regulator.

LCS ELECTRICAL SYSTEM

There shall be a 12-volt direct current single starting electrical system providing power to all components for the cab and chassis. The system shall feature:

- A Rosenbauer One LCS Multiplexed system
- 125°C high temperature, flame retardant loom
- All SAE wiring color coded and labeled as to its function
- Wiring which is cross link with 125°C insulation
- A suppressed system in accordance with SAE J551

Serviceable components in the electrical system will be easily accessible while standing on the ground for simplified maintenance and troubleshooting. Electrical distribution centers will be provided throughout the vehicle to house the vehicle's electrical power, circuit protection, and control components. The electrical distribution centers will be located strategically throughout the vehicle to minimize wire length. For ease of maintenance, all electrical distribution centers will be easily accessible. All distribution centers containing fuses, circuit breakers and/or relays will be easily accessible.

Circuit protection devices, which conform to SAE standards, will be utilized to protect electrical circuits. All circuit protection devices will be rated per NFPA requirements to prevent wire and component damage when subjected to extreme current overload.

General protection circuit breakers will be a combination of automatic and manual reset breakers. This will provide durability and capacity maximization of the electrical system. When required, automotive type fuses will be utilized to protect electronic equipment. Control relays and solenoid will have a direct current rating of 125 percent of the maximum current for which the circuit is protected per NFPA.

EMI/RFI PROTECTION

To prevent erroneous signals from crosstalk contamination and interference, the electrical system will meet, at a minimum, SAE J551/2, thus reducing undesired electromagnetic and radio frequency emissions. An advanced electrical system will be used to ensure radiated and conducted electromagnetic interference (EMI) or radio frequency interference (RFI) emissions are suppressed at their source.

The apparatus will have the ability to operate in the electromagnetic environment typically found in fire ground operations to ensure clean operations. The electrical system will meet, without exceptions, electromagnetic susceptibility conforming to SAE J1113/25 Region 1, Class C EMR for 10KHz-1GHz to 100 Volts/Meter. The vehicle OEM, upon request, will provide EMC testing reports from testing conducted on an entire apparatus and will certify that the vehicle meets SAE J551/2 and SAE J1113/25 Region 1, Class C EMR for 10KHz-1GHz to 100 Volts/Meter requirements. Component and partial (incomplete) vehicle testing may be used, as allowed by NFPA, to extrapolate results on updated systems.

EMI/RFI susceptibility will be controlled by applying appropriate circuit designs and shielding. The electrical system will be designed for full compatibility with low-level control signals and high-powered two-way radio communication systems. Harness and cable routing will be given careful attention to minimize the potential for conducting and radiated EMI/RFI susceptibility.

ELECTRICAL HARNESSING INSTALLATION

To ensure rugged dependability, all wiring harnesses installed by the apparatus manufacturer will conform to the following specifications:

- SAE J1128 - Low tension primary cable
- SAE J1292 - Automobile, truck, truck-tractor, trailer and motor coach wiring
- SAE J163 - Low tension wiring and cable terminals and splice clips
- SAE J2202 - Heavy duty wiring systems for on-highway trucks
- NFPA 1901 - Standard for automotive fire apparatus
- FMVSS 302 - Flammability of interior materials for passenger cars, multipurpose passenger vehicles, trucks, and buses
- SAE J1939 - Serial communications protocol
- SAE J2030 - Heavy-duty electrical connector performance standard
- SAE J2223 - Connections for on board vehicle electrical wiring harnesses NEC - National Electrical Code
- SAE J561 - Electrical terminals - Eyelet and spade type
- SAE J928 - Electrical terminals - Pin and receptacle type A

For increased reliability and harness integrity, harnesses will be routed throughout the cab and chassis in a manner which allows the harnessing to be laid into its mounting location. Routing of harnessing which requires pulling of wires through tubes will not be allowed.

Wiring will be run in loom or conduit where exposed and have grommets or other edge protection where wires pass through metal. Wiring will be colored, function and number coded. Wire colors will be integral to each wire insulator and run the entire length of each wire. Harnessing containing multiple wires using a single wire color for all wires will not be allowed. Function and number codes will be continuously imprinted on all wiring harness conductors at 3.00" intervals. All wiring installed between the cab and into doors will be protected by an

expandable rubber boot to protect the wiring. Exterior exposed wire connectors will be positive locking, and environmentally sealed to withstand elements such as temperature extremes, moisture and automotive fluids.

Electrical wiring and equipment will be installed utilizing the following guidelines:

- All wire ends not placed into connectors will be sealed with a heat shrink end cap. Wires without a terminating connector or sealed end cap will not be allowed.
- All holes made in the roof will be caulked with silicon. Large fender washers, liberally caulked, will be used when fastening equipment to the underside of the cab roof.
- Any electrical component that is installed in an exposed area will be mounted in a manner that will not allow moisture to accumulate in it. Exposed area will be defined as any location outside of the cab or body.
- For low cost of ownership, electrical components designed to be removed for maintenance will be quickly accessible. For ease of use, a coil of wire will be provided behind the appliance to allow them to be pulled away from the mounting area for inspection and service work.
- A corrosion preventative compound will be applied to non-waterproof electrical connectors located outside of the cab or body. All non-waterproof connections will require this compound in the plug to prevent corrosion and for easy separation of the plug.
- Any lights containing non-waterproof sockets in a weather-exposed area will have corrosion preventative compound added to the socket terminal area.
- All electrical terminals in exposed areas will have protective Coating applied completely over the metal portion of the terminal.
- Rubber coated metal clamps will be used to support wire harnessing and battery cables routed along the chassis frame rails.
- Heat shields will be used to protect harnessing in areas where high temperatures exist. Harnessing passing near the engine exhaust will be protected by a heat shield.
- Cab and crew cab harnessing will not be routed through enclosed metal tubing. Dedicated wire routing channels will be used to protect harnessing therefore improving the overall integrity of the vehicle electrical system. The design of the cab will allow for easy routing of additional wiring and easy access to existing wiring.
- All braided wire harnesses will have a permanent label attached for easy identification of the harness part number and fabrication date.
- All standard wiring entering or exiting the cab will be routed through sealed bulkhead connectors to protect against water intrusion into the cab.

BATTERY CABLE INSTALLATION

All 12-volt battery cables and battery cable harnessing installed by the apparatus manufacturer will conform to the following requirements:

- SAE J1127 - Battery Cable
- SAE J561 - Electrical terminals, eyelets and spade type

- SAE J562 - Nonmetallic loom
- SAE J836A - Automotive metallurgical joining
- SAE J1292 - Automotive truck, truck-tractor, trailer and motor coach wiring
- NFPA 1901 - Standard for automotive fire apparatus

Battery cables and battery cable harnessing will be installed utilizing the following guidelines:

- All battery cables and battery harnesses will have a permanent label attached for easy identification of the harness part number.
- Splices will not be allowed on battery cables or battery cable harnesses.
- For ease of identification and simplified use, battery cables will be color coded. All positive battery cables will be red in color or wrapped in red loom the entire length of the cable. All negative battery cables will be black in color.
- For increased reliability and reduced maintenance, all electrical buss bars located on the exterior of the apparatus will be coated to prevent corrosion.

ELECTRICAL COMPONENT INSTALLATION

All lighting used on the apparatus will be, at a minimum, a two (2) wire light grounded through a wired connection to the battery system. Lights using an apparatus metal structure for grounding will not be allowed.

An operational test will be conducted to ensure that any equipment that is permanently attached to the electrical system is properly connected and in working order. The results of the tests will be recorded and provided to the purchaser at time of delivery.

SUMMARY OF LOAD MANAGEMENT SYSTEM

In the LCS electrical system there will be four pre-defined Load Manager Trigger points spaced apart in 0.4 Volt increments. Each vehicle function is preset to turn OFF if node voltage falls below a certain level. The trigger points are configured as shown below.

Load Manager Trigger Points:

- 1: 12.5-V Load Shed Region 1 (12.5 - 12.1 V)
- 2: 12.1-V Load Shed Region 2 (12.1 - 11.7 V)
- 3: 11.7-V Load Shed Region 3 (11.7 - 11.3 V)
- 4: 11.3-V Load Shed Region 4 (11.3 - 0 V)

When the voltage of a Load Managed device recovers back above the trigger point, there will be an additional 30 seconds before the Output channel is turned back ON. This buffering time is to ensure that the added load does not immediately pull the voltage back below the trigger point.



Below are the standard voltage managed outputs that will be triggered off at 12.1 V.

HVAC FAN MED
HVAC FAN HIGH
HVAC FAN LOW
AUX DEFROST FANS
A/C CONDENSER FANS RLY
A/C COMPRESSOR CLUTCH

DISPLAY

One (1) LCS display shall be located on the driver's side dash.

The LCS display shall feature:

- A 10" full color LCD touch screen
- A message bar displaying important messages requiring acknowledgement by the user
- Six (6) push button style controls on either side of the screen for function control
- Eight (8) push button style controls located below the screen for screen navigation
- Two Camera inputs for video feeds – use of video switchers can increase number of cameras
- There shall be an image which indicates any open cab door with a visual display.

The LCS display shall measure approximately 12.375" wide x 8.125" in height.

DRIVER SWITCHES

The driver switch panel to the right of the driver's position shall include one (1) row with up to six (6) backlit rocker switches with laser etched labels located under the LCS display.

Switch functions to be specified in shop notes.

DATA RECORDING SYSTEM

The chassis shall have a Weldon Vehicle Data Recorder system installed. The system shall be designed to meet NFPA 1901. The following information shall be recorded:

- Vehicle Speed
- Acceleration
- Deceleration
- Engine Speed
- Engine Throttle Position
- ABS Event

- Seat Occupied Status
- Seat Belt Status
- Master Optical Warning Device Switch Position
- Service Brake
- Engine Hours
- Time
- Date

Each portion of the data shall be recorded at the specified intervals and stored for the specified length of time to meet NFPA 1901 guidelines and shall be retrievable by connecting a laptop computer to the VDR system. The laptop connection shall be a panel mounted female type A or B USB connection point, remotely mounted in the left side foot well of the cab. The latest software shall be available for download from the Weldon website.

SEAT BELT WARNING

With this option, the seat belt warning system will still be integrated and displayed in the LCS Control system. The system shall activate an individual warning indicator for each seat on the LCS Display.

The warning system shall activate when any seat is occupied with a minimum of 60 pounds, the corresponding seat belt remains unfastened, and the park brake is released. The warning system shall also be activated when any seat is occupied, the corresponding seat belt was fastened in an incorrect sequence, and the park brake is released. Once activated, the visual indicators and audible alarm shall remain active until all occupied seats have their respective seat belts fastened. Commander Digital Gauge Composite Dash

CAB INSTRUMENTATION

The instrumentation panel within the cab shall feature a digital display which shall include an information center, telltale indicator lamps, control switches, alarms, and diagnostics.

The gauges shall be easy to read including.

The instrument panel shall contain the following gauges and indicators:

- A programmable speedometer to read either 0 to 100 MPH or 0 to 100 KM/H
- An amber telltale lamp indicating the Check Engine
- An amber telltale lamp indicating MIL Engine Emissions System Malfunction
- A red telltale lamp indicating Stop Engine
- A tachometer gauge with 0-3,000 RPM
- A gauge to display the engine oil pressure with high and low-level indicators and stop engine alarm



- A fuel level gauge with a low fuel indicator and alarm
- An LED bar displaying 4 stages of the level for the Diesel Exhaust Fluid (DEF) with a refill indicator (when applicable)
- A voltage gauge with low voltage indicator
- A water temperature gauge with high water temp indicator and alarm
- A primary air PSI gauge including low air and high air warning displays
- A secondary air PSI gauge with low and high air warning indication

A diagnostic display, located in the lower left-hand side of the screen shall include digital readouts for the following:

- Odometer
- Transmission oil temp
- Engine oil temp
- Speedometer
- Engine hours
- Engine and transmission code
- Exhaust temp
- Engine coolant temp
- Engine oil PSI
- Turbo boost PSI
- Primary air pressure
- Secondary air pressure
- Engine load %
- Engine torque
- Battery volts
- Fuel level %
- Vehicle speed
- RPM
- DEF level (when applicable)
- Instant fuel economy
- Average fuel economy
- Engine hours
- Capable to record three trips, each shall include:
 - Trip distance
 - Fuel economy
 - Fuel used
 - Idle fuel used
- The screen shall also provide diagnostic capability

To promote safety, the following telltale indicator lamps will be integral to the digital display. The indicator lamps will be "dead-front" design that is only visible when active. The colored

indicator lights will have descriptive text or symbols. The following indicator lamps shall be located on the Telltale panel:

BLUE Indicator Lights

- High Beam Headlight

GREEN Indicator Lights

- Right Turn Indicator
- Left Turn Indicator
- Battery On (Always On with master switch)

YELLOW Indicator Lights

- Particle Filter Regeneration (DPF)
- Regeneration Inhibit (Switch Engaged)
- Air Intake Restriction
- High Exhaust System Temperature (HEST)
- Wait to Start (when applicable)
- ATC (Automatic Traction Control) (when applicable)
- Water in Fuel Air Bag Warning (when applicable)
- ABS

RED Indicator Lights

- Low Engine Coolant Level
- Air Bag Warning (when applicable)
- Check Transmission
- High Transmission Temperature
- Parking Brake

ALARMS

Audible steady tone warning alarm: A steady audible tone alarm will be provided whenever a warning message is present.

Alarm silence: Any active audible alarm will be able to be silenced with a button on the screen, except the low air pressure alarm will not silence until air pressure is above 70 psi.

INDICATOR LAMP AND ALARM PROVE-OUT

Telltale indicators and alarms will perform prove-out at initial power-up to ensure proper performance.

DIAGNOSTIC PANEL

A diagnostic panel shall allow diagnostic tools such as computers to connect to various vehicle systems for improved trouble shooting providing a lower cost of ownership.

The diagnostic panel shall include:

- Engine diagnostic port
- V-Mux USB diagnostic port (when applicable)
- Diesel particulate filter regeneration switch (when applicable)
- Diesel particulate filter regeneration inhibit switch (when applicable)

The enclosed diagnostic panel, accessible through the HVAC access panel shall include:

- Transmission diagnostic port
- ABS diagnostic port
- SRS diagnostic port (when applicable)

6 Battery System

BATTERIES

The single start electrical system shall include six (6) group 31 1000 CCA batteries.

The batteries shall feature:

- A 200-minute reserve capacity
- 4/0 dual path starter cables per SAE J541
- Heat-shrink and sealant encapsulated ends on the cables
- Maintenance free

BATTERY COMPARTMENTS

A well-ventilated, hot dipped galvanized battery storage compartment shall house the batteries on the officer and driver side of the chassis and shall be located so as to offer easy access to the batteries when the cab is tilted.

Each battery compartment shall feature:

- Hot dipped galvanized 3/16" steel construction.
- A complete floor of heavy duty, industrial grade, recycled Turtle Tile brand interlocking matting
- A hinged hot dipped galvanized steel cover with two (2) magnets shall be utilized providing easy access to the batteries. No tools shall be required to gain access to the batteries.
- When in the open position, the hinged door shall rotate past the bottom of the battery compartment, allowing for a sweep out style floor and removal of the batteries, when necessary, without the inference of a lower lip. No Exceptions.

BATTERY CABLES

The starting system shall include cables which shall be protected by a 275-degree F, minimum high temperature flame retardant loom.

The cables shall be in a loom to help keep out dirt, dust and debris.

BATTERY JUMPER STUD

The starting system shall include battery jumper studs installed in the forward most portion of the driver's side lower step.

The studs shall allow the vehicle to be jump started, charged, or the cab raised in an emergency in the event of battery failure.

POWER & GROUND STUD

An electrical distribution panel shall include two (2) power studs. The studs shall be a minimum of 1/4" and each of the power studs shall be circuit protected with a fuse of the specified amperage. One (1) power stud shall be capable of carrying up to a 40-amp battery direct load. One (1) power stud shall be capable of carrying up to a 15-amp ignition switched load. The two (2) power studs shall share one (1) 1/4" ground stud.

GROUND LIGHTS

Each door shall include a Whelen 3SC0CDCR LED NFPA compliant ground light mounted to the underside of the cab step below each door.

Each light shall include a polycarbonate lens, a housing which is vibration welded and an LED head that shall be shock mounted for extended life.

GROUND LIGHT ACTIVATION

The ground lights shall activate when the park brake is engaged.

CAB STEP LIGHTING

One (1) LED light shall be mounted to the riser of the middle cab step, a total of eight (8) step lights for the cab, in accordance with NFPA.

Each light shall include a polycarbonate lens and shall be contained in a housing which is vibration welded with a LED head which shall be shock mounted. Each step light shall not be any larger than 3" in diameter.

STEP LIGHT ACTIVATION

The step lighting shall be activated by opening any of the cab doors on the respective side.



INTERIOR DOOR WARNING LIGHTS

The interior of each door shall include one (1) 15" Weldon Amber Direct Flash LED warning light mounted below the interior grab handle. Each light shall activate with a flashing pattern when the door is in the open position to serve as a warning to approaching traffic.

ENGINE COMPARTMENT LIGHTING

Two (2) LED lights shall be mounted to the engine compartment in such a fashion as to provide as much light as possible to the engine compartment area. The engine compartment lighting shall activate with the tilting of the cab.

STANDARD DOME LIGHT ACTIVATION

White dome light will turn on with open door, white and color dome lights can be manually turned on at the light head at any time or through the multiplex system, if equipped. Same activations shall be used for any added auxiliary dome lights.

INTERIOR OVERHEAD CAB LED LIGHTING

Each cab door shall include a dual red and white LED lamp. There shall be one (1) light centered over each of the driver and officer's seats, and one centered over each crew door.

The clear lamp shall illuminate with the opening of each respective door with both the red and clear portions of the lamp activated by individual lighted switches on each lamp.

DO NOT MOVE APPARATUS LIGHT

The front headliner of the cab shall include a flashing red Whelen round LED light with a red lens clearly labeled "Do Not Move Apparatus". The flashing red light shall be 3.00-inches in diameter and shall be located centered left to right for greatest visibility. The light shall be interlocked for activation when either a cab door is not firmly closed, or an apparatus compartment door is not closed, and the parking brake is released. The warning light shall also be attached to folding equipment racks and light towers as specified.

NFPA requires the red light. NFPA 1901.13.11.1

AIR HORNS

Two (2) Hadley brand E-Tone air horns shall be provided. The air horns shall be 6" in diameter and 24" long. Each horn shall feature flared ends offering a pleasing appearance.

Locate furthest outboard

AIR HORN LOCATION

The air horns shall be located on the front bumper. One (1) shall be mounted outboard on the driver side and one (1) outboard on the officer side, so as not to interfere with any other components on the bumper.

ELECTRIC TRAFFIC HORN AND AIR HORN SELECTOR SWITCH

A selector switch shall be provided on the cab's dash that will allow the chassis steering wheel horn button to activate either the electric traffic horn or air horn system.

AIR HORN FOOT SWITCH

A foot switch shall be installed to activate the air horn system on the officer's side of the floor.

FRONT SCENE LIGHTING

The following scene lighting shall be located on the front brow of the cab:

BROW SCENE LIGHT

Two (2) Whelen Pioneer Plus Super LED model PFH2 dual lamp brow lights shall be mounted outboard, one each side, facing forward. The light shall draw 13 amps. The bulb shall be accessible through the front. The lamp head shall be approximately more than 3" deep by 4-5/8" high by 14" wide. Lamp head and brackets shall be powder coated white.

SCENE LIGHT SWITCHING

The one (1) front scene light(s) shall activate via a virtual scene light switch located on the driver's and officer's LCS screen and by a switch on the pump panel. The switching shall be wired to operate in a three-way configuration to allow the light(s) to be controlled from either location regardless of switch position. The switches shall be labeled "FRONT SCENE".

AERIAL SPECIFICATION

78' THREE SECTION REAR MOUNT LADDER

Aerial Ladder Design and Construction

A 78' three-section steel rear mount aerial ladder shall be provided. It shall have a maximum height of 77' 10" at the top rung of the fly section at 75-degrees elevation. The horizontal reach from the top rung to the center of the turntable shall be 70' 8.6".

Operation on grades

The aerial shall be capable of being operated with full rated capabilities in any plane up to 5-degrees out of level with the turntable leveled as much as possible by placement of the outriggers. Operation beyond this limit shall be at the operator's discretion.

Extension And Retraction System

Two [2] 4" inside diameter cylinders, each with 2" outside diameter rods and a 60" stroke, are used in the extension and retraction system. The specified extension cylinders shall not exceed the specified length. The required length cylinders shall place the cylinder weight closer to the base of the aerial device. Smaller size cylinders are required since they are easier to handle for removal for service reasons. In addition, the specified shorter stroke cylinders provide less potential for damage to the rod by hitting an obstacle when extended.

The extension cylinders shall have counter balance valves mounted directly to them and shall extend and retract the aerial with a 4 to 1 cable cylinder arrangement from totally retracted to 75' at 75 degrees totally extended.

The extension and retraction system shall have four [4] pairs of galvanized cables. Mid-section cables shall have a .375" diameter and fly section cables shall have a .3125" diameter. The sheaves, in which the cables run on, shall be galvanized, no exception. A galvanized cable running on a galvanized sheave creates a natural lubricate allowing the cables to run more freely minimizing the wear on the cables.

Each of the cylinders, cables, and sheave assemblies shall be completely independent of the other system, so as to provide a safety factor wherein a failure of one assembly shall not affect the function and operation of the other assembly. Each set of cables shall be capable of operating the ladder in the event of a failure of the other.

There are no restrictions on the waterway as the ladder is extended and retracted

State-of-the Art Technology

The aerial device materials, parts, technology or procedures used in construction of the apparatus are subject to change at the manufacturer's discretion to provide "equal or better" products and must be in compliance to applicable NFPA #1901 standards and industry standard practice.

BASE SECTION

The ladder base section length shall be 28' 10", with inside dimension of 34.25"; distance between the top of the handrail and the centerline of the rungs shall be 23.875". The base rails shall be constructed with 100,000 PSI steel material and the handrails shall be constructed with 70,000 PSI steel material.

**MID SECTION**

The ladder mid-section length shall be 28' 11", with inside dimension of 28.375"; the distance between the top of the handrail and the centerline of the rungs shall be 19.875". The base rails shall be 70,000 PSI material and the handrails shall be 70,000 PSI steel material.

FLY SECTION

The ladder fly section length shall be 32' including the bolt-on egress, with inside dimension of 23.5"; the distance between the top of the handrail and the centerline of the rungs shall be 16.375". The handrails and base rails shall be 70,000 PSI steel material.

TECHNICAL DRAWINGS

Technical and engineering drawings shall be provided for the aerial ladder as follows: left side view, top view and rear view.

ELECTRICAL DRAWINGS

Technical and engineering drawings shall be provided for the 12 volt electrical system for the model of apparatus specified.

HYDRAULIC DRAWINGS

Technical and engineering drawings shall be provided for the aerial device hydraulic system.

AERIAL OPERATION INSTRUCTIONS

As required by applicable sections of NFPA #1901, operating instructions and demonstration of the aerial apparatus shall be provided at the purchaser's location. The aerial manufacturer shall provide these instructions and demonstration of the aerial apparatus.

Personnel providing the instructions shall be professionally trained by the aerial manufacturer prior to the delivery process. All costs of these instructions shall be borne by the bidder. The bidder shall notify the purchaser a minimum of 14 days prior to the instruction period. The bidder shall provide classroom instructions and operational instruction. The instructor shall provide the all necessary material to assure proper operation of the aerial device.

This instruction period shall be three (3) consecutive days at the purchaser's location.

AERIAL OPERATION MANUALS

At time of delivery, an aerial manual shall be supplied which shall include aerial operation overview, service documentation, wiring schematics and technical high-level bill of material drawings. The documentation shall address at a minimum the inspection, service, and operations of the fire apparatus and all major components thereof. This documentation and manuals shall be provided in the English language.

MATERIAL AND WORKMANSHIP WARRANTY ONE (1) YEAR**TERMS AND CONDITIONS**

Rosenbauer hereby warrants each new Rosenbauer Aerial to be free from defects in material and

workmanship for a warranty period of one (1) year starting on the date the vehicle is delivered to original purchaser. Under this warranty, Rosenbauer agrees to furnish any item or items to replace those that have been found to be defective in material or workmanship where there is no indication of abuse, neglect or other than normal service. Such an item or items, at the option of Rosenbauer must be made available for our inspection at our request and returned to our factory or another location designated by Rosenbauer. Transportation of such an item or items will be arranged and covered by buyer within thirty (30) days after the date of failure and within one (1) year from the date of delivery of the apparatus to the original purchaser, whichever occurs first. The inspection must indicate that the failure was attributed to defective material or workmanship. Authorization for repair or item replacement must be sought from Rosenbauer customer service department prior to repair or item replacement occurring.

This warranty is applicable only if the aerial device is serviced annually by an authorized Rosenbauer service facility. The cost of the annual service is the responsibility of the purchaser.

THIS WARRANTY SHALL NOT APPLY TO OR COVER THE FOLLOWING:

- Normal maintenance services or adjustments, including but not limited to, lubricants, cable adjustment, hoses, and other incidentals.
- Any item that has been repaired, replaced or altered by a facility not approved in advance by Rosenbauer, or in a manner which, at Rosenbauer's discretion, may adversely affect the safe operation or durability of the vehicle or item.
- Special, incidental or consequential damages including, but not limited to, loss of time, inconvenience, loss of use, lost profits or transportation fees or charges to or from any facility.
- Any malfunction resulting from misuse, negligence, alteration, accident or lack of operational knowledge, lack of normal or required maintenance or adjustments, exposure to corrosive agents, fire, severe environmental conditions or acts of God.

EXCLUSIONS OF DAMAGES BOTH INCIDENTAL AND CONSEQUENTIAL.

At no time shall Rosenbauer be held liable for any incidental, consequential, indirect, special and/or punitive damages whatsoever, whether coming from breach of contract, warranty, tort or equity. Such items shall include the chassis or other items sold by Rosenbauer, or their operation or their failure to operate, or defects herein, or any undertakings, acts or omissions related to, regardless whether Rosenbauer's knowledge of the possibility of any such damage.

Without limitation of the generality of the preceding statements, Rosenbauer categorically disclaims any and all liability for property and personal injury, damages, penalties for lost revenue and/or profit, loss of aerial or products and associated pieces of equipment, the expense of substituting chassis and/or products, or the out of service expenses, resulting from damages and/or delays, that creates down time expenses and/or create economic losses, or any third party claims for damages.

This warranty is in lieu of all other warranties, expressed or implied, and all other obligations or liabilities on our part. We neither assume nor authorize any person to assume for us any liability

or make any alteration to this warranty in connection with the sale of our apparatus unless expressly given in writing by Rosenbauer.

NOTE: Surety bond, if required, will cover standard one year warranty period only and will not cover any extended warranties allowed by seller or other component manufacturers.

THIRD PARTY TESTING

The aerial ladder shall be inspected and tested by a third party. A non-destructive test shall be performed on each unit at a rate of 100% inspection by the Underwriters Laboratories inspector, exceeding the requirements applicable section of NFPA #1901 for new apparatus. All non-destructive procedures shall be fully documented and meet or exceed the requirements of applicable sections of NFPA #1901.

PERFORMANCE WATER FLOW TESTING

The waterway flow test shall be conducted by an accredited third party testing organization with certified results provided on delivery of the apparatus. If the aerial device is equipped with a permanent water system and has a rated vertical height of 110 ft (34 m) or less, standard model flow test data shall be provided to the purchaser.

If the water system has been modified from the standard model configuration, a new flow test shall be conducted to determine that the friction loss in the water system between the base of the swivel and the monitor outlet does not exceed 100 psi (700 kPa) with 1000 gpm (3748 L/min) flowing and with the water system at full extension.

A flow test shall be conducted on each vehicle to determine that the water system is capable of flowing 1000 gpm (3748 L/min) (or rating as specified in these specifications) at 100 psi (700 kPa) nozzle pressure with the aerial device at full elevation and extension.

Where the apparatus is equipped with a fire pump designed to supply the water system, the test shall be conducted using the onboard fire pump.

The intake pressure to the fire pump shall not exceed 20 psi (140 kPa).

AERIAL SECTIONS GALVANIZED & BASE SECTION PAINTED ONLY

Prior to assembly, each aerial ladder section shall be hot dip galvanized. The galvanizing process will permeate each ladder section to prevent rust and corrosion and not be merely an over-coating. The galvanized aerial ladder sections shall be provided in the natural finish eliminating the requirement for finish paint and the subsequent requirements for touch up paint and/or total repaint after a period of time due to nicks, chips and corrosion resulting from hitting the ladder many times in use. The galvanized ladder shall reduce the maintenance requirement for grease once or twice a year, based on duty cycle.

The aerial ladder sections are galvanized inside and out, including base rails, hand rails, diagonals, rungs and K-Braces. This process eliminates the rusting, scratching or paint chips on

the aerial sections. Galvanizing has been recognized as an effective way to protect steel from corrosion.

Galvanizing shall provide a barrier and cathodic protection from corrosion. During the galvanizing process, the complete aerial ladder sections shall be immersed in molten zinc. Through diffusion, the zinc shall bond to the steel at the molecular level. The resulting zinc coating shall provide a barrier that shields the steel from the environment.

After the ladder sections are galvanized the base section only shall be properly cleaned and prepared for paint. The section shall be painted as specified by the Fire Department.

STRUCTURAL DESIGN WARRANTY TWENTY-FIVE (25) YEAR TERMS AND CONDITIONS

Rosenbauer hereby shall warranty each new Rosenbauer aerial device to be free from structural failure caused by defective design and workmanship for a warranty period of twenty-five (25) years or 100,000 miles starting on the date the vehicle is delivered to original purchaser. Under this warranty, Rosenbauer agrees to furnish any item or items to replace those that have been found to be defective in material or workmanship where there is no indication of abuse, neglect or other than normal service. Such an item or items, at the option of Rosenbauer must be made available for our inspection at our request and returned to our factory or another location designated by Rosenbauer. Transportation of such an item or items will be arranged and covered by buyer within thirty (30) days after the date of failure and within two (2) years from the date of delivery of the apparatus to the original purchaser, whichever occurs first. The inspection must indicate that the failure was attributed to defective material or workmanship. Authorization for repair or item replacement must be sought from Rosenbauer customer service department prior to repair or item replacement occurring.

This warranty is applicable only if the aerial device is serviced annually by an authorized Rosenbauer service facility. The cost of the annual service is the responsibility of the purchaser.

THIS WARRANTY SHALL NOT APPLY TO OR COVER THE FOLLOWING:

- Normal maintenance services or adjustments, including but not limited to, filters, lubricants, cable adjustment, hoses, and other incidentals.
- Any item that has been repaired, replaced or altered by a facility not approved in advance by Rosenbauer, or in a manner which, at Rosenbauer's discretion, may adversely affect the safe operation or durability of the vehicle or item.
- Special, incidental or consequential damages including, but not limited to, loss of time, inconvenience, loss of use, lost profits or transportation fees or charges to or from any facility.
- Any malfunction resulting from misuse, negligence, alteration, accident or lack of operational knowledge, lack of normal or required maintenance or adjustments, exposure to corrosive agents, fire, severe environmental conditions or acts of God.

**EXCLUSIONS OF DAMAGES BOTH INCIDENTAL AND CONSEQUENTIAL.**

At no time shall Rosenbauer be held liable for any incidental, consequential, indirect, special and/or punitive damages whatsoever, whether coming from breach of contract, warranty, tort or equity. Such items shall include the chassis or other items sold by Rosenbauer, or their operation or their failure to operate, or defects herein, or any undertakings, acts or omissions related to, regardless whether Rosenbauer's knowledge of the possibility of any such damage.

Without limitation of the generality of the preceding statements, Rosenbauer categorically disclaims any and all liability for property and personal injury, damages, penalties for lost revenue and/or profit, loss of chassis or products and associated pieces of equipment, the expense of substituting chassis and/or products, or the out of service expenses, resulting from damages and/or delays, that creates down time expenses and/or create economic losses, or any third party claims for damages.

This warranty is in lieu of all other warranties, expressed or implied, and all other obligations or liabilities on our part. We neither assume nor authorize any person to assume for us any liability or make any alteration to this warranty in connection with the sale of our apparatus unless expressly given in writing by Rosenbauer.

NOTE: Surety bond, if required, will cover standard one year warranty period only and will not cover any extended warranties allowed by seller or other component manufacturers.

**PAINT WARRANTY ONE (1) YEAR
TERMS AND CONDITIONS**

Rosenbauer hereby warrants the paint on the Rosenbauer aerial of each new fire & rescue vehicle to be free from blistering, peeling, corrosion or any other adhesion defect caused by defective manufacturing methods or paint material selection for a warranty period of one (1) year starting on the date the vehicle is delivered to original purchaser. Under this warranty, Rosenbauer agrees to furnish any item or items to replace those that have been found to be defective in material or workmanship where there is no indication of abuse, neglect or other than normal service. Such an item or items, at the option of Rosenbauer must be made available for our inspection at our request and returned to our factory or another location designated by Rosenbauer. Transportation of such an item or items will be arranged and covered by buyer within thirty (30) days after the date of failure and within one (1) year from the date of delivery of the apparatus to the original purchaser. The inspection must indicate that the failure was attributed to an adhesion defect caused by defective manufacturing methods or paint material selection. Authorization for repair or item replacement must be sought from Rosenbauer customer service department prior to repair or item replacement occurring.

This warranty is applicable only if the aerial device is serviced annually by an authorized Rosenbauer service facility. The cost of the annual service is the responsibility of the purchaser.

THIS WARRANTY SHALL NOT APPLY TO OR COVER THE FOLLOWING:

- Any item that has been repaired, repainted or altered by a facility not approved in advance by Rosenbauer.
- Special, incidental or consequential damages including, but not limited to, loss of time, inconvenience, loss of use, lost profits or transportation fees or charges to or from any facility.
- Any defect resulting from misuse, negligence, alteration, accident or lack of normal or required maintenance or adjustments, exposure to corrosive agents, fire, severe environmental conditions or acts of God.
- Painted items which are manufactured by a party other than Rosenbauer and which are separately warranted by that party.

EXCLUSIONS OF DAMAGES BOTH INCIDENTAL AND CONSEQUENTIAL.

At no time shall Rosenbauer be held liable for any incidental, consequential, indirect, special and/or punitive damages whatsoever, whether coming from breach of contract, warranty, tort or equity. Such items shall include the chassis or other items sold by Rosenbauer, or their operation or their failure to operate, or defects herein, or any undertakings, acts or omissions related to, regardless whether Rosenbauer's knowledge of the possibility of any such damage.

Without limitation of the generality of the preceding statements, Rosenbauer categorically disclaims any and all liability for property and personal injury, damages, penalties for lost revenue and/or profit, loss of chassis or products and associated pieces of equipment, the expense of substituting chassis and/or products, or the out of service expenses, resulting from damages and/or delays, that creates down time expenses and/or create economic losses, or any third party claims for damages.

This warranty is in lieu of all other warranties, expressed or implied, and all other obligations or liabilities on our part. We neither assume nor authorize any person to assume for us any liability or make any alteration to this warranty in connection with the sale of our apparatus unless expressly given in writing by Rosenbauer.

NOTE: Surety bond, if required, will cover standard one year warranty period only and will not cover any extended warranties allowed by seller or other component manufacturers.

CORROSION RESISTANT WARRANTY

A galvanized steel corrosion protection warranty shall be provided for the aerial ladder sections for a period of twenty-five (25) years. The conditions of the corrosion protection warranty shall be as follows.

1. Aerial manufacturer will not be held responsible for any damage due to high temperatures from fire conditions, chemicals, or any material that could attack the galvanized surface.
2. The galvanized coating warranty shall cover re-coating of affected areas only.

3. Should any warranty claim occur, it shall be inspected, reviewed and approved by the aerial manufacturer prior to any work being completed.
4. Any authorized warranty work shall be only performed by the aerial manufacturer or its designated repair personnel or facility. Any repairs completed by un-authorized repair shops or personnel shall cause this warranty to be invalid.
5. Transportation costs associated with this corrosion protection warranty shall be the responsibility of the purchaser.
6. This warranty shall cover parts and labor to the affected area or parts only and shall not be deemed to include entire ladder sections or the entire aerial device. This warranty does not include aerial rung coverings.
7. Warranty shall not cover damage due to lack of specified normal maintenance and service as outlined and required in the service and operating manuals provided with the apparatus..
8. Warranty shall not cover damage from accidents, abuse, physical and mechanical damage, and all other conditions not considered as "normal" operating conditions.
9. The obligations of the aerial manufacturer pursuant to the foregoing warranty with respect to any such aerial ladder sections shall be limited to the cost of bringing the affected area into compliance with the specifications or of removing any defects in materials or workmanship.

EGRESS GALVANIZED & PAINTED

The fly section shall have a bolt-on egress section. The egress shall be galvanized and then painted the Yellow.

LADDER BED

A heavy duty ladder bed shall provide support of the aerial in the travel position.

On the base section of the aerial device, a stainless steel scuff plate shall be installed where the aerial comes in contact with the travel support.

GALVANIZED OUTRIGGERS

The aerial outriggers assemblies, beam, outer jack tube, inner jack tube, jack cover plate, and jack pad shall be galvanized.

The outriggers shall be galvanized inside and out. The process shall eliminate the rusting, scratching or paint chips on the outriggers. The galvanizing process shall permeate the metal and shall not be an "over-coating only" on outside surfaces. The galvanized components shall lessen the potential for corrosion and eliminates the requirement for finish paint. The process

shall negate any later requirement for touch-up paint or total repaint of the outrigger/stabilizer assemblies.

The galvanizing shall provide the steel outriggers with both barrier and cathodic protection from corrosion. The galvanizing process shall immerse the complete outrigger components in molten zinc. The galvanizing diffusion process shall allow the zinc to bond to the steel, at the molecular level. The galvanized zinc coating shall provide a barrier that shields the steel from the environment.

CORROSION RESISTANT WARRANTY

A galvanized steel corrosion protection warranty shall be provided for the aerial outriggers and stabilizers for a period of twenty-five (25) years. The conditions of the corrosion protection warranty shall be as follows.

1. This warranty shall cover parts and labor to correct the affected area or parts only and shall not be deemed to include entire outrigger or stabilizer assemblies. This warranty does not include the turntable, aerial ladder sections, or torque box.
2. Should any warranty claim occur, the affected area shall be inspected, reviewed and approved by the aerial manufacturer prior to any work being completed.
3. Any authorized warranty work shall be only performed by the aerial manufacturer or its designated repair personnel or facility. Any repairs completed by un-authorized repair shops or personnel shall cause this warranty to be invalid.
4. Transportation costs associated with this corrosion protection warranty shall be the responsibility of the purchaser.
5. Warranty shall not cover damage due to lack of specified normal maintenance and service as outlined and required in the service and operating manuals provided with the apparatus..
6. Warranty shall not cover damage from accidents, abuse, physical and mechanical damage, and all other conditions not considered as "normal" operating conditions.
7. The obligations of the aerial manufacturer pursuant to the foregoing warranty with respect to the outriggers and stabilizers shall be limited to the cost of bringing the affected area into compliance with the specifications or of removing any defects in materials or workmanship.

GALVANIZED TORQUE BOX

The torque box shall be hot dip galvanized inside and out. The galvanizing shall include the top and bottom and sides of the torque box, outrigger electrical compartment, and outrigger valve control compartment.

The torque box shall be totally hot dip galvanized. The galvanizing process shall not be an over-coating only to outside surfaces but shall permeate the metal. The galvanizing process shall prevent or greatly lessen rust and corrosion on the torque box and in areas between the torque box and chassis frame rails, as well as areas which cannot be reached when washing the unit and which cannot be visually inspected, and shall eliminate the need to finish paint the torque box.

The galvanizing process shall provide the steel torque box assembly with both barrier and cathodic protection from corrosion. The galvanizing process shall immerse the complete torque box component in molten zinc. The galvanizing diffusion process shall allow the zinc to bond to the steel, at the molecular level. The galvanized zinc coating shall provide a barrier that shields the steel from the environment.

CORROSION RESISTANT WARRANTY

A galvanized steel corrosion protection warranty shall be provided for the aerial torque box for a period of twenty-five (25) years. The conditions of the corrosion protection warranty shall be as follows.

1. This warranty shall cover parts and labor to correct the affected area or parts only and shall not be deemed to include the entire torque box assembly. This warranty does not include the turntable, aerial ladder sections, or outrigger/stabilizers.
2. Should any warranty claim occur, it shall be inspected, reviewed and approved by the aerial manufacturer prior to any work being completed.
3. Any authorized warranty work shall be only performed by the aerial manufacturer or its designated repair personnel or facility. Any repairs completed by un-authorized repair shops or personnel shall cause this warranty to be invalid.
4. Transportation costs associated with this corrosion protection warranty shall be the responsibility of the purchaser.
5. Warranty shall not cover damage due to lack of specified normal maintenance and service as outlined and required in the service and operating manuals provided with the apparatus..
6. Warranty shall not cover damage from accidents, abuse, physical and mechanical damage, and all other conditions not considered as "normal" operating conditions.
7. The obligations of the aerial manufacturer pursuant to the foregoing warranty with respect to the torque box shall be limited to the cost of bringing the affected area into compliance with the specifications or of removing any defects in materials or workmanship.

RUNG COVERS

For ease of climbing the ladder rungs shall be equally spaced on a maximum 14" centers and minimum 11.75" centers and shall have a skid-resistant surface or covering.

For added safety, skid-resistant rung covering shall be provided. The rung covering shall not twist and shall cover at least 60 percent of the climbing area of each rung.

Round rungs shall be provided and shall have a minimum outside diameter of 1-1/4", including the skid-resistant surface or covering.

For maximum strength, the minimum design load for each rung shall be 500lb distributed over a 3-1/2" wide area at the center of the length of the rung with the rung oriented in its weakest position.

Each aerial rung shall be covered with one (1) continuous piece of a protective, High-Traction safety walk non- skid material.

WEAR PADS

The aerial wear pads shall be "PET" type and shall incorporate semi-crystalline hardness, rigidity, mechanical strength with exceptional sliding properties and very low sliding wear. The pads shall be used between the telescoping sections for maximum weight distribution, strength, and smooth operation. Side wear pads shall be nylatron GSM, stainless steel adjustment screws shall be provided on the side wear pads to permit proper side clearance.

SIGN PANEL BRACKETS

The aerial manufacturer shall supply aerial sign brackets welded to the base section of the aerial. These brackets shall be located on both sides of the base section.

AERIAL SIGN PANELS

Sign panels shall be provided one on each side of the base section that are 16" high x 120". Sign Panels shall be primed with two (2) coats of PPG or equal lead free primer and then shall be sprayed with one (1) coat of color using PPG paint. The color of the sign panels shall match the color of the ladder sections.

CRADLE COVER BRACKETS

Brackets shall be installed on the cradle of the aerial for the installation of the cover. Design shall be done by the final OEM.

AERIAL LIFT CYLINDER PROTECTIVE COVERS

There shall be aluminum protective covers provided, one over each of the two (2) aerial lift cylinder assemblies. The covers shall be constructed from .125 thick, smooth aluminum material and be designed to prevent damage to the lift cylinders due to impact from environmental



factors. The protective covers shall be bolted in place using stainless steel fasteners and easily removable for service to the aerial lift cylinders. Lubrication points shall be accessible without the need to remove the protective covers. In addition to the added component protection, the lift cylinder covers shall provide added fire fighter safety from lift cylinder pinch point areas and superior aesthetic appearance to the aerial device.

PAINTED, MATCH LADDER SECTIONS

Cylinder covers shall be primed with two (2) coats of PPG or equal lead free primer and then shall be sprayed with one (1) coat of color using PPG paint. The color of the sign panels shall match the ladder sections.

EXTENSION MARKINGS

To improve safety and to provide the operator with vital information, extension markings shall be provided. For best visibility, the base section of the ladder shall include markings on the outside of the left handrail and the inside of the right handrail to indicate extension position of the ladder in operation. The markings shall be BLACK reflective numbers that will mark every 10 feet with a hash mark between the numbers.

ROOF LADDER BRACKETS BASE

There shall be welded plates and bolt on roof ladder mounting brackets installed on the outside of the base section.

ROOF LADDER

A Duo Safety Model 775-A, 14 foot aluminum roof ladder with folding steel roof hooks on one end and feet on the other end shall be provided on the outside of the base section. The ladder shall meet or exceed applicable NFPA standards. It shall be standard width 19" Duo-Safety roof ladder

FOLDING STEPS

The ladder shall be equipped with two (2) folding steps, one on each side of the ladder at the upper end of the fly section. These steps are spring loaded to hold in the stowed position. Once lowered, steps lock in the lowered position for use.

When steps are in the use position there shall be approximately a 7-1/2" diameter circular space for a hose to be placed on the rungs. The folding steps shall comply to applicable standards of NFPA #1901.

ROPE RESCUE EYELETS

Two (2) rope rescue eyelets shall be installed one on each side at the tip of the fly section, each anchor being rated at 250 pounds, for a total combined weight rating of 500 pounds.

AXE & PIKE POLE WELDMENTS

Welded-in mounting plates shall be installed for an axe mounting on the right side and a pike pole mounting on the left side of the fly section.

**NO PIKE POLE PROVIDED**

Pike pole will not be provided by aerial manufacturer.

AERIAL ROTATION SYSTEM

The rotation system shall be powered by a hydraulic motor to drive an eccentric planetary gearbox, capable of field adjustment, to rotate the aerial.

A 43.6" pitch diameter external tooth bearing shall be provided for 360 degree continuous rotation in either direction. As turntable bearing bolts are required to be checked and re-torqued at regular intervals, to make this task relatively simple, the ability to re-torque all bolts from the top of the turntable is mandatory.

The bearing shall be bolted to the bearing base plate using thirty (30) .625" SAE Grade 8 bolts and shall also be bolted to the turntable using twenty-nine (29) .625" SAE Grade 8 bolts.

A hydraulic release spring applied brake shall provide a positive lock for the rotation.

Two [2] pressure relief valves shall control the force of the rotation to protect the aerial from excessive side loads.

CONTROL PANEL LANGUAGE

All panels including main operations stations, outrigger stations, warning labels and load charts shall be written in English.

COMMAND PEDESTAL

The Aerial Command Pedestal is monitored by programmable logic control. The programmable logic control operating system shall use absolute encoders for elevation and rotation to be able to monitor the following functions continuously to offer maximum safety. The monitored aerial control functions are as follows:

The turntable shall have a stand up Aerial Command Pedestal. The following items shall appear on the panel at the main control station:

- One (1) aerial Smart Screen
- One (1) system pressure gauge, 0-5,000 psi minimum
- One (1) emergency stop button
- One (1) joystick controller
- Monitor switches

The system shall be capable of performing simultaneous aerial functions.

Smart Screen

One (1) aerial smart screen shall be installed at the main control station. The screen shall consist of multiple pages. All screen shall have the same information.

The first page on the screen shall be the main aerial information. It shall give the following information:

- Aerial rotation: as the aerial is rotated 180 degrees left and right of the ladder bed, positive and negative numbers shall indicate how far right or left the aerial is rotated.
- Aerial height: as the aerial extends and elevates the distance from of the top of the handrail to the ground shall be indicated on the screen.
- Aerial reach: as the aerial extends the reach shall be indicated on the screen from the tip of the aerial to the center of the turntable.
- Aerial extension remaining as the aerial extends the amount of feet remaining to extend shall be indicated.
- Rungs aligned indicator: as the aerial extends the rungs aligned indicator shall illuminate on the smart screen, indicating safety for climbing. The indicator shall not illuminate when the rungs are not aligned.
- Operational envelop indicators: prior to the aerial coming upon an unsafe operating position, while operating over the short, jacked side of the truck or too close to the cab and body, the collision protection shall ramp to a stop. The right disable, down disable and/or left disable indicators shall appear on the screen indicating to the operator the function that is inoperable based on the position of the aerial.

The aerial shall be programed so it shall not make contact with the cab or body or any equipment as identified during the build process. Programmable cab and body collision protection shall alert the operator with indicators on the screen stating Right Rotation Disabled, Down Disabled and Left Rotation Disabled. Each individual indicator shall illuminate when the corresponding aerial function(s) (right rotation, left rotation or lowering) are disabled. All three indicators shall illuminate when the E-STOP is pushed or the outrigger interlock is active.

- Emergency stop engaged indicator: when the emergency stop button is engaged an indicator shall appear on the screen. An emergency stop button on the control panel shall be used for immediate emergency stopping of all aerial functions at all operating locations.
- Aerial load gauge: a load indicator shall appear on the screen to visually allow the operator to know they are within the safe operating parameters. The indicator shall change colors, green (safe), amber (caution) and red (overloaded) to alert the operator of the load on the aerial. The red load indicator shall flash and begin to sound a warning alarm at 100 pounds over the rated load.

- Outrigger short set indicator: when any outrigger is not fully extended and the jack is not supporting some of the truck weight a pie chart shall flash to indicate the outrigger has not been set for aerial operations. The outrigger diagram shall show the percent the outriggers have been extended. The outrigger diagram shall not change color until the jack has been set. Once the outrigger has been set the outrigger diagram shall change colors to match the pie charts display of color and safe operational envelop.

The aerial shall be able to be rotate 360 degrees over the short, jacked side of the truck. A programmable logic control system allows the aerial to rotate over the short, jacked outriggers while maintaining safe operating parameters. An indicator shall appear on all the smart screens to warn the operator that one or more outriggers have been short set. An operational pie chart shall also be on the smart screen to indicate the safe operating parameters depending on the short set outrigger. In the event the vehicle has been set up with one or more of the outriggers short set, any attempted operation outside the predetermined parameters shall automatically ramp the operation to a feather-soft stop. A corresponding disable light shall appear on the screen to alert the operator of the disabled function. The operator shall be able to return the aerial back to the safe operating parameters without the use of overrides.

- Auto bedding indicator and switch: an indicator shall appear when the aerial is in the 20/20/20 zone (within 20 degrees left or right of the ladder bed, below 20 degrees elevation and 20 percent retraction remaining) indicating the ladder can now be automatically stowed. By pushing a momentary button on the side of the screen the aerial shall rotate, retract and lower into the bed while avoiding cab and body collision.
- Tip lights switch: a button on the side of the screen shall turn all of the tip lights and the rung lights on and off.
- Tracking lights switch: a button on the side of the screen shall turn all of the tracking lights, panel lights and rung lights on and off.
- Flow and Pressure gauge: an indicator on the screen shall give a continuous reading of the monitors flow and presser. Total gallons shall be saved until the truck master switch has been turned off.
- Hydraulic tank level: an icon will indicate the amount of oil left in the tank.
- Dirty filter: a picture will illuminate when the aerial filters are dirty and need to be replaced.

The second page shall display the following information:

- Side to side leveling: a picture and number (positive or negative) indicating how level the truck is left to right.
- Front to back leveling: a picture and number (positive or negative) indicating how level the truck is front to back.
- Aerial hour meter: continual reading of the operational hours on the aerial.
- Outrigger extension: an outrigger with percentage shall appear indicating how far the outrigger is extended: red (25%-49% extension), orange (50%-74% extension), yellow (75%-95% extension), or green (96%-100% extension). The percentage shall co-inside with the operational pie chart on the next page to show the operator the parameters in which the aerial shall be able to operate.
- Hydraulic tank temperature: an icon will indicate the temperature of the oil in the hydraulic tank.

The third page shall display the following engine diagnostics information:

- Engine RPM: shows live readings of the engines RPM's
- Engine coolant temperature shows live readings of the engines coolant temperature
- Engine oil pressure shows live readings of the engines oil pressure.
- Battery charging condition shows live readings of the engine's battery condition
- Transmission fluid temperature shows live readings of the transmission fluid temperature.
- Fuel level shows live readings in percentage of the amount of fuel remaining.

The fourth page shall display the following information:

- Aerial operations pie chart: an operational pie chart shall show in the corresponding color (red, orange, yellow or green) how far each outrigger out is extended and aerial's operational parameters based on each outrigger set up.

The fifth page shall display the following information:

- Load and reach chart: an aerial load and reach chart shall be displayed to inform the operator of the operational capabilities of the aerial wet and dry.

Aerial Speed

The aerials speed functions are proportionally regulated by the elevation and extension of the aerial. The aerial shall have proportional slow down on full extension and full retraction. The elevation system shall proportionally reduce the speed at sixty (60) degrees and ramp to off at full elevation. Lowering shall proportionally reduce the speed at three (3) degrees and ramp to off at minus twelve (-12) degrees. When the aerial is fully retracted the aerial speed shall be 20 percent faster than when fully extended.

The controls are also proportionally regulated during rotation, extension and elevation operations. The aerial shall smoothly ramp up to full operation speed to prevent jerking of the aerial. Should the operator release the controller during any of the three operations, the aerial shall ramp to a smooth soft stop.

Joystick Controller

A single joystick controller shall control aerial left/right, extend/retract and raise/lower functions. The joystick shall operate with the natural movement of the operator's hand for rotation and elevation. There shall be a thumb lever on the joystick to operate extension and retraction. The joystick shall have built in ramp up and ramp down capabilities.

The safety interlock trigger on the back side of the joystick must be engaged to operate all aerial functions. With the trigger activated the RPM's shall increase to 1,250 RPM and maintain there for two (2) seconds after returning to the neutral position.

Lighting

LED Lights shall illuminate the main control station and turntable work area for added operator visibility and safety.

GAUGES & VISUAL DISPLAY UNITS

All gauges and visual display on the aerial apparatuses at the operating positions shall readout in the following measurements:

- Distances shall be displayed in feet and inches
- Loads shall be displayed in pounds
- Flows shall be displayed in gallons/psi
- Engine information shall be displayed in F/PSI

CONTROL STAND LID

There shall be a lid installed on the command pedestal to give extra protection to the screen and joystick.

TURNTABLE

The turntable shall be two sided (left and rear) with the corners cut to allow for personnel to enter and exit the turntable. The turntable walking area shall be covered with NFPA #1901 compliant skid resistant black Line-X, with a 2-1/2" lip. Two (2) 42" high, slip resistant handrails capable of withstanding a 225 pound force applied from any direction shall be installed on the turntable.

HANDRAIL STEEL LINE-X

The handrails shall be steel and coated in black line-x.

HANDRAIL ORIENTATION

The turntable handrails shall be bent outwards to allow for maximum room. A lit crossmember shall be installed roughly halfway up the handrail. The handrail shall have an opening that allows for equipment to pass through from the ground to the aerial.

LIT CROSSMEMBER COLOR

The crossmember light color shall be red.

TURNTABLE MAN SAVER BARS

Two (2) Fire Research Man Saver bars shall be installed on the left and right side of the turntable. The safety bars shall lift either upward or inward to open, and be spring loaded to automatically return to the horizontal closed position. The safety bar assembly shall be made of aluminum and stainless steel.

MANSAVER BAR COLOR

The man saver bar vinyl cover shall be red.

TURNTABLE FINISH

The aerial control console will be constructed from smooth aluminum and Line-X black. The back of the control panel will have one (1) full hinged door. The front of the control panel will have one (1) 8" x 8" hinged door. These doors are provided for maintenance and emergency operation of the aerial.

TURNTABLE LID DOOR AJAR LIGHT

The cover of the turntable control console shall be designed to indicate when the lid is open. The light will be connected to the door ajar/outrigger extended light in the cab.

OUTRIGGER CONTROL PANEL

The outrigger control panel shall have a switch to energize the hydraulic system for outrigger functions.

Control Panel

The control panel shall include a Smart Screen that will display the same information as the other Smart Screens on the aerial, no buttons shall be active that will allow for aerial operation (i.e., auto bedding). There shall be three (3) switches not located on the screen at the rear of the truck.

- Manual override system to override the outrigger/aerial interlock system
- One (1) switch for the emergency power unit.
- Outrigger on/off switch

HYDRAULIC HIGH PRESSURE FILTER

The hydraulic system shall be equipped with a 'high pressure' hydraulic oil filter between the pump and the control valve designed to meet the flow requirements of the system. There shall be a filter replacement light on the outrigger control panel for the convenience of the mechanic.

The return filter and pressure filter shall be connected together to the same light on the outrigger control panel to indicate replacement of filters.

HYDRAULIC RETURN FILTER

The return line filter element shall be connected to the hydraulic reservoir. The unit shall be a 10 micron return line replaceable filter element with indicator gauge.

WARNING LABELS

Danger, caution, and warning labels shall be installed at all aerial control stations, individual controls, and at various locations on the aerial device. These labels shall be in compliance to industry warning symbols, ASME, SAE, and applicable NFPA #1901 standard. These labels shall be with symbols commonly used in the fire industry.

AIR HORN

A momentary button shall be provided for controlling the vehicle's air horn within Rosenbauer Aerials smart screens.

TORQUE BOX

The torque box connecting the turntable to the outriggers shall provide the rigidity needed for the aerial to be operated at -10 degrees to +75 degrees elevation at full extension. The dimensions of the torque box will be unique to the truck and based upon customer requested specifications and engineering stability requirements. The back of the torque box shall be open for the option of ladder storage.

TOW EYES

Two (2) tow eye mounts shall be installed on the rear of the torque box.

OUTRIGGER COMPONENTS

The aerial device outriggers and stabilizers shall be designed to function with the Smart Aerial operational components. The system shall have a pad that pivots left-to-right and front-to-rear.

Extension Beams

The extension beams shall entirely enclose the extension cylinders to prevent damage to the rods and hoses. Each outrigger shall be controlled with an independent controller which can extend and lower the outrigger at the same time or raise and retract the outrigger at the same time.

A double box design shall enclose the jack cylinders completely to protect the rods from damage that could result from exterior circumstances.

Jack Cylinders

The jack cylinders shall have pilot operated check valves for both the raised and lowered positions. Each jack tube shall be drilled for mechanical pin locks for a safety backup.

The outrigger jack cylinders shall be mounted so they can be removed from the top of the outrigger jack tube. Jack cylinders that are removed from the bottom of the outrigger jack tube will not be accepted.

Outrigger Deployment Alarm and Warning System

The outrigger deployment alarm, of not less than 87 DBA, shall sound at all times while the outrigger master switch is in the on position and stops sounding only when the outrigger switch is

turned off. The audible alarm shall warn personnel that outrigger movement is possible at any time the switch is on.

Safety Features

The outrigger system provides the following safety features:

- A cradle interlock system shall be provided, to prevent the lifting of the aerial from the nested position until the operator has positioned all the stabilizers in a load supporting configuration.
- There shall be a system on the truck that continually monitors the weight and balance on the truck and how that affects the associated operating parameter. This system allows operators to set up the truck up in a short-jacked position. The operator shall be allowed to operate the full 180 degrees off of the short-jacked side of the truck within the safe operating parameters without the need of a second operator. Operators shall be able to identify on the screen what quadrant each outrigger is set in as well as the associated safe operating parameters they are in.
- The outrigger not extended indicator on the screen shall have a warning indicator flashing if one or more outriggers has not been set.
- The monitoring system on the truck shall be able to identify if two or more adjacent outriggers come off the ground and shut down the current aerial operation. The monitoring system shall then only allow the operator to adjust the truck back into the safe operating parameters.

Lighting

A Whelen V-Series, model 5V3R, shall be mounted to the inside of the vertical outrigger jack beam. The warning light shall consist of 12 red Super-LED's installed on a V-light PC board with a TIR V-light reflector. The flashing lights shall alert personnel on either side of the outrigger of its location. The V-light PC board shall have four white Super-LED's installed below that work independently as the ground illumination light. The lights shall activate with the master switch.

Outrigger and Stabilizer Specifications

The specified outriggers and torque box system shall provide a 1-1/2 to 1 stability safety factor when the aerial is in any operating position.

The stability requirements shall be met by the apparatus on which the aerial device is mounted when that apparatus is in a service-ready condition but with all normally removable items such as water, hose, ground ladders, and loose equipment removed.



The aerial device shall be capable of sustaining a static load 1-1/3 times its rated capacity in every position in which the aerial device can be placed when the apparatus is on a slope of 5 degrees downward in the direction most likely to cause overturning.

All outriggers and stabilizers that protrude beyond the body of the apparatus shall be striped or painted with reflective material so as to indicate a hazard or obstruction. Each outrigger or stabilizer shall also be provided with one or more red warning light(s) located either on the stabilizer or in the body panel visible on the side of the apparatus where the stabilizer is located.

Cradle Interlock System

A cradle interlock system shall be provided, to prevent the lifting of the aerial from the nested position until the operator has positioned all the stabilizers in a load supporting configuration. A switch shall be installed at the cradle, to prevent operations of the stabilizers once the aerial has been elevated from the nested position.

OUTRIGGERS

Two (2) out-and-down outriggers shall be installed behind the rear axle and shall be connected to the torque box.

The outrigger assembly shall consist of the following components

1. A 2" inside diameter cylinder with a 1.125" outside diameter rod shall extend and retract the outrigger 48".
2. A 5" inside diameter cylinder with a 3" outside diameter rod shall raise and lower each jack tube a distance of 22".

Outrigger Spread

The total width from the center of pivot pin to center of pivot pin when the outriggers are fully extended shall be: 15' 6".

OUTRIGGER PLATES

An auxiliary outrigger plate shall be provided for each outrigger. The units shall be 2' x 2' in size, one for each outrigger made from 1/2" aluminum with a handle for easy movement.

OUTRIGGER STOWED INDICATOR LIGHT

An outrigger stowed indicator light will be provided in the cab. The light shall indicate if one or more outriggers is not fully retracted and fully raised. The light will be connected to the door ajar light in the cab.

PERFORMANCE CAPABILITIES

The following are aerial ladder and water capabilities for the operation of this unit in the unsupported configuration with the truck level, the outriggers fully extended and lowered to relieve



the chassis weight from the axles. The capabilities are based upon 360-degree continuous rotation and up to full extension.

The following capabilities are based upon continuous 360-degree rotation and up to full extension. The aerial ladder and water system shall be designed to permit the following flows:

1,500 GPM: 0 degree -30-degrees to the side of the ladder centerline

1,250 GPM: 31 degrees to 45-degrees to the side of the ladder centerline

1,000 GPM: 46 degrees to 90-degrees to the side of the ladder centerline

1,500 GPM: 135-degrees down from a line parallel to the centerline

<u>Elevation</u>	<u>Capabilities DRY</u>		<u>Capabilities WET</u>	
	<u>Tip</u>	<u>Evenly</u>	<u>Tip</u>	<u>Evenly</u>
	<u>Load</u>	<u>Distributed</u>	<u>Load</u>	<u>Distributed</u>
-10 degrees to 30 degrees	500 lbs	1,000 lbs	500 lbs	750 lbs
30 degrees to 45 degrees	500 lbs	1,500 lbs	500 lbs	750 lbs
45 degrees to 60 degrees	750 lbs	2,000 lbs	500 lbs	1,500 lbs
60 degrees to 75 degrees	1,000 lbs	2,500 lbs	500 lbs	2,000 lbs

The flow of the monitor shall adjust automatically through the onboard programming that controls the valve metering to allow for the desired flow rating. As the monitor is rotated right or left the flow will automatically be adjust based on the position of the monitor.

The smart flow shall be displayed on the smart screen by showing the following:

- Pressure: pressure at the base of the waterway going up the aerial.
- Flow: a continual reading of the flow going up the aerial waterway
- Total flow: the total amount of water flow through the waterway
- Monitor position: visual position of monitor on the screen (left/right and up/down) to help indicate the flow that will be allowed
- Valve position (open/close): icon indicating if the valve is fully open, partially open or closed based on the desired flow of the operator.
- Gallons allowed: gallons allowed depending on position of the monitor
- Valve open and close buttons: two active buttons on the screen one will open the valve to the desire the operator and depending upon the position of the monitor and the other will close the valve with the monitor at any position

An additional smart screen will be added to the pump panel location, smart screen will include the same information at the main control station (i.e., lights, envelop indicators, aerial load gauge, engine information, outrigger placement etc. . .).

The ladder meets the 2:1 safety factor requirement for material based on the weight of the ladder plus a 500 pound live load at the tip of the aerial, flowing 1,500 GPM of water at 30 degrees to the side of the aerial at zero degrees elevation.

If a monitor is ordered that can elevate above 0 degrees the tip load shall be reduced to 250 lbs.

SWIVEL

There shall be a 4" waterway swivel with 360 degrees continuous rotation. It shall be installed through the turntable and torque box to connect the aerial waterway plumbing from the water pump to the aerial. The hydraulic oil for the aerial shall be directed through a two-port hydraulic swivel with 360 degrees continuous rotation.

The swivel will be a modular three component swivel. It shall have a separate electrical swivel, hydraulic swivel and waterway swivel that when connected shall form one component. The three individual swivels shall not affect the operations of any other part of the swivel. Individual replacement of each individual portion of the swivel shall be capable.

WATERWAY

An aerial waterway shall be provided from the base of the aerial device to the tip of the fly section. The aerial telescoping aluminum waterway shall be fabricated of aluminum and shall have three (3) tubes as follows:

1. 4-1/2" outside diameter at the base section
2. 4" outside diameter at the middle section
3. 3.5" outside diameter at the fly section.

WATERWAY COLOR

The waterway base tube color shall be left in its natural aluminum color. The inner telescopic tubes shall be left black.

ELECTRICALLY OPERATED BUTTERFLY VALVE

An Akron 4" electric butterfly valve, style 7940, shall be installed below the swivel. The valve shall be controlled through a screen at the pump panel in addition to all the Smart screens specified.

An electrically driven worm gear rotates a gear sector for smooth and easy operation with no switches inside the gear actuator to malfunction. The speed of the valve opening and closing is preset to comply with the current NFPA 1901 Standard. The valve will operate on a 12-volt apparatus electrical systems. It has a manual override with the gear driven ratio of 64:1.

RETRACTABLE WATERPAN

The monitor connected to a water pan and shall be retractable allowing the monitor to be secured at the tip of the fly section for water tower operations or at the end of the next lower section for rescue operations. When the aerial is fully retracted the monitor, lock shall be quickly movable and easily accessible at the tip of the aerial. To improve safety of the truck and on the fire scene the smart system shall be able to sense and indicate on the screen the position the water pan is in. Should the smart system lose the sensor an icon on the screen shall alert the operator and restrict operations until the water pan is securely latched.

The rescue mode feature shall allow the tip of the fly section to be placed very close to the edge of a building or window minimizing the working and access heights on and off the ladder tip without worrying about the monitor being damaged.

Monitor controls shall be located on the retractable waterway pan and on the aerial control console. The retractable waterway pan electrical cable shall be guided by e-chain for protection of the cable when repositioning the monitor from the fly section to the next lower section. No manual hand plugs, external reels, or coiled self-retracting cable shall be needed. All electrical connections shall be directly connected to the monitor.

WIRELESS RADIO REMOTE

There shall be a radio receiver for the aerial, monitor and outriggers controls supplied at the aerial control panel and powered by the chassis 12-volt electrical system. The radio receiver shall have proportional outputs to drive the 12-volt electric proportional aerial and outrigger control hydraulic valves, as well as the on/off output for monitor control.

The radio remote control transmitter/receiver shall be powered by two AA batteries and shall operate approximately 300 feet from the truck; no tether shall be required. The transmitter / receiver shall have a belt strap for comfortable operations. The remote shall control following:

<u>Aerial Controls</u>	<u>Monitor Controls</u>	<u>Outrigger Controls</u>
Raise & Lower	Stream & Shape	Extend & Retract
Extend & Retract	Up & Down	Raise & Lower
Left & Right Rotation	Left & Right Rotation	

The following items shall be included on the remote:

Enable Switch: shall allow the remote to talk to the transmitter located at the main control station. Hitting the momentary enable switch shall allow the operator to begin operations of any function on the remote. If the operator does not choose a function after engaging the enable switch the remote will cease communication with the transmitter after 5 seconds. This switch serves as a dead man switch to the controls on the remote.

Full / Half Speed Switch: there shall be a turtle and rabbit indicator on the remote to allow the operator to run the aerial operations at full (rabbit) or half (turtle) speed.

Air Horn Switch: shall allow the operator to engage the air horn on the truck (if there is one).

Emergency Stop Button: if enabled, shall lock out all operations of all controls from every operator station. This serves as a safety back up in case the operator gets the aerial into an unsafe situation. The operator will have to disengage this switch before being able to operate the aerial from any control station.

Auto Bed Switch: is a momentary switch that when engaged will rotate, retract and lower the aerial into the bedded position while avoiding cab and body collision. Once the aerial is in the 20/20/20 zone (within 20 degrees left or right of the ladder bed, below 20 degrees elevation and 20 percent retraction remaining) the ladder can now be automatically stowed.

LCD Display: shall give the operator continuous readings of the aerial information. This information shall include:

- Aerial rotation: as the aerial is rotated 180 degrees left and right of the ladder bed, positive and negative numbers shall indicate how far right or left the aerial is rotated.
- Aerial height: as the aerial extends and elevates the distance from of the top of the handrail to the ground shall be indicated on the screen.
- Aerial reach: as the aerial extends the reach shall be indicated on the screen from the tip of the aerial to the center of the turntable.
- Aerial elevation: as the aerial is elevated the elevation angle is indicated.
- Aerial extension remaining as the aerial extends the amount of feet remaining to extend shall be indicated.
- Operational Envelop Disabled: shall be indicated on the screen if the left, right or down function is disabled.
- Overload Condition: shall display on the screen to alert the operator.
- Outrigger Not Set: is displayed if the outriggers still need to be set.
- Outrigger Not Extended: when any outrigger is not fully extended and the jack is not supporting some of the truck weight the operator shall be notified of the exact outrigger that needs to be adjusted.
- Breathing Air (optional): shall be reported if the breathing air is low or off.

PROPORTIONAL ELECTRIC OUTRIGGER CONTROLS

The aerial shall be equipped with two (2) out and down outriggers with proportional control the electric outrigger valves activated by momentary rocker switches. The proportionally controlled outriggers shall allow the outrigger to deploy at full speed up until the very end of positioning at which time the valve shall back off and allow the outrigger to come to a smooth soft stop. The main controls shall be located at the rear and to the outside of the truck, additional controls shall be provided on a wireless radio remote. Both locations shall give the operator full view and control of each outrigger.

ALL JACKS UP SWITCH

There shall be a switch on the smart screen to raise all of the outrigger jacks up at the same time. Once all aerial operations are complete, the safety pins are pulled; activate the all jacks up button to stow the outrigger jacks. All the jacks will raise up until they are in their stowed position. The operator shall then manually retract the outriggers to the stowed position.

MONITOR

One (1) Rosenbauer Aerials monitor model 3480 shall be supplied on the aerial. These firefighting monitors have a unique waterway design that provide balanced forces on the outlet and reduced friction for the stream resulting in exceptional performance over a wide range of flows in a compact configuration. The onboard, fully sealed IP 67 CAN control system features “plug and play” installation with built-in wireless capability and a USB port for quick software updates in the field. The 355 degree rotation and 165 degree elevation range can be configured for deck or aerial applications making this high performance compact monitor truly universal. The monitor shall be painted black in color.

Three (3) toggle switches shall be located at the turntable aerial control stand and at the tip of the aerial. The switches will control the raise/lower, stream/shape, and left/right functions of the monitor. The controls at the aerial control stand will override the controls at the tip of the aerial.

NOZZLE

A Rosenbauer Aerials model 5178 electrically controlled combination solid stream and fog nozzle shall be provided at the end of the monitor. The nozzle shall be constructed of Pyrolite, with a 2" orifice solid bore, and a fog flow of 1500 GPM at 80 PSI. The nozzle shall have a 12 volt electric motor, a 3.5" NH inlet, and built-in stream shaper, and shall not exceed 14-13/16" in length or 24 lbs, in weight.

PRECONNECT

One (1) 4" handwheel operated butterfly valve shall be installed between the end of the waterway and the monitor. The butterfly valve shall direct water flow from the waterway to the 2-1/2" pre-connect discharge. A 2-1/2" quarter turn ball valve shall be installed ahead of the 2-1/2" pre-connect discharge. The 2-1/2" pre-connect discharge shall have a NH male thread with a 2-1/2" female to 1-1/2" NH male thread and shall be mounted on the retractable waterway pan. One (1) 1-1/2" cap and chain shall be supplied with pre-connect.

2.5" RELIEF VALVE

A 2.5" relief valve shall be installed above the turntable.

RELIEF VALVE & DRAIN VALVE

A 2-1/2" preset relief valve shall be placed in the aerial waterway system and shall be capable of the dumping of water to the environment to protect the waterway system.

One (1) 1-1/2" quarter turn drain valve shall be installed at the low point of the waterway plumbing system.

INTERCOM

The two station intercom communication system shall have the master station at the turntable and secondary intercom and speaker at the tip of the aerial.

The master station shall have a volume control and a push-to-talk button. The remote station shall operate "hands free" and constantly transmit to the master station and speaker, unless the master station push-to-talk button is pressed.

The intercom shall be designed for exterior aerial application. Each station shall have a weather resistant and protective housing and water resistant speakers.

Atkinson Intercom

The Atkinson Dynamics Intercom AD26C master intercom and the AD26D slave intercom are designed for use in rugged, physical conditions and challenging acoustic environments. The durable construction is ideal for use on fire apparatus, emergency vehicles or any other mobile command equipment. The Atkinson Intercom provides high volume, clear audio communication.

The system is designed to provide clear communication for all personnel with minimum connections.

The remote unit, installed at the ladder tip, continuously transmits to the base stations. Base station units include a Push-to-Talk (PTT) button to transmit to other intercom positions.

LIGHT HOUSING COLOR

All light housing shall be white in color.

TRACKING LIGHT

A Whelen, model number, S44MW light bar shall be installed on the bottom of the cradle cross bar to serve as the tracking lights and illuminate the ladder sections. The lights shall be activated from the tracking light switch on the main control station.

TIP LIGHTS

Two (2) Whelen Micro Pioneer™ Model # MPPWCS shall be installed at the tip of the aerials. The 45 watt +12 DC, 3.25 Amp, Micro Pioneer light head configuration shall incorporate 12 white Super-LED® with a TIR reflector and a polycarbonate cover with a chrome finish. The MPPWCS lights shall be activated from the tip light switch on the main control station and have an On/Off switch covered by a rubber boot and a black fiberglass enforced polycarbonate handle. The MPPWCS shall have a standard 8° spot light lens. The MPPWCS light shall have 4,100 usable lumens.

Two (2) LED Whelen 3SC0CDCR, 12 volt lights shall be installed on ladder bed facing back toward the turntable. The steady burn illumination light shall incorporate six white Super-LED and a clear non-optic hard coated polycarbonate lens for maximum output. The hard coated sealed lens shall provide extended life/luster protection against UV and chemical stresses. The light shall be wet sealed and vacuum tested to ensure proper sealing. The conformal coated PC board, powder coated die cast housing, and exterior rubber gasket shall provide additional protection against environmental elements. The 3SC0CDCR shall provide 360 usable lumens. The solid state illumination light shall be vibration resistant. These lights shall be activated from the aerial master switch. The lights will draw 0.3 amps.

RUNG LIGHTING

The ladder rungs of each aerial section shall be equipped with 12-volt LED luma-bar lighting. The luma-bar shall run the full length of the climbing portion of each section. These lights shall be activated from the turntable tracking light switch. The ladder rung lights shall be "red" in color.

HYDRAULIC SYSTEM

The hydraulic system shall have a load sensing, variable gallonage, hydraulic piston pump with a 12-volt pressure reducing system. To reduce the normal time for aerial set up, the hydraulic pump shall be of the load sensing design. The hydraulic system shall have sufficient oil flow to provide the capability of performing multiple functions simultaneously without reducing operating speeds of the selected functions.

The hydraulic oil for the aerial shall be directed through a hydraulic swivel with 360 degrees continuous rotation. Enclosed in the hydraulic swivel shall be a minimum of twenty (20) electrical collector rings and a maximum of thirty-six (36) electrical collector rings with 360-degrees continuous rotation.

The hydraulic pump shall be large enough to provide oil to meet all of the requirements needed for aerial and outrigger operation standards.

A pressure reducing valve set at 500 PSI above the system pressure shall be connected to the hydraulic pump. This pressure reducing valve shall be a safety device for hydraulic pump failure. The hydraulic oil shall be directed through high pressure hydraulic hose and tubing.

The hydraulic system shall be designed to direct oil to the outriggers only while the ladder is in the bedded position. The oil can be directed to the aerial operation only when all of the outriggers are supporting sufficient load. This operation is made available through the use of electrical diverter valves with a manual override system for safety backup.



Hydraulic System Installation

The non-sealing moving parts of all hydraulic components, whose failure results in motion of the aerial device, shall have a minimum bursting strength of four times the maximum operating pressure to which the component is subjected.

Dynamic sealing parts of all hydraulic components, whose failure results in motion of the aerial device, shall not begin to extrude or otherwise fail at pressures at or below two times the maximum operating pressure to which the component is subjected.

Static sealing parts of all hydraulic components, whose failure results in motion of the aerial device, shall have a minimum bursting strength of four times the maximum operating pressure to which the component is subjected.

All hydraulic hose, tubing, and fittings shall have a minimum bursting strength of at least three times the maximum operating pressure to which the components are subjected. All hydraulic hoses shall have a stamped embedded on one end of the metal fitting to include the date, technicians creating the hose identification number, PSI of hose and the company the hose was made by. This shall assist a mechanic in determining the age of the hydraulic hose.

All other hydraulic components shall have a minimum bursting strength of at least two times the maximum operating pressure to which the components are subjected.

The hydraulic system shall be provided with an oil pressure gauge at the control station position.

Hydraulic Reservoir

The hydraulic system shall be supplied by a 30 gallon oil tank with a 100 mesh filter on the pump inlet side.

A means for checking and filling the hydraulic reservoir shall be readily accessible.

The fill location shall be conspicuously marked with a label that reads "Hydraulic Oil Only."

Instructions for checking and filling the hydraulic reservoir shall be provided.

The hydraulic system components shall be capable of maintaining, under all operating conditions, oil cleanliness and temperature that comply with the component manufacturer's recommendations.

HYDRAULIC GATED DRAIN LINE

One (1) quarter turn shut-off valve shall be connected in the drain line of the hydraulic oil tank..

HYDRAULIC GATED DRAIN LINE

One (1) quarter turn shut-off valve shall be supplied between the suction line of the hydraulic oil tank and the inlet of the hydraulic pump.

HYDRAULIC OIL ISO 32

United MV Extreme Hydraulic Oil is a multi-grade hydraulic lubricant engineered for extreme temperature ranges. The low pour point of -58° F enables this fluid to flow quickly in extreme cold climates, avoiding pump cavitation that results in pump wear. The high viscosity index of this fluid addresses the extreme hot climates and operating temperatures, thinning out less at high temperatures than typical hydraulic fluids.

United MV Extreme Hydraulic Oil is formulated with rust inhibitors, oxidation inhibitors, anti-wear agents and anti-foam additives. This fluid is fortified with a friction modifier lubricity agent necessary in hydraulic systems operating wet clutches and/or wet brakes, commonly found in industrial cranes and other off-road equipment. United MV Extreme Hydraulic has very good water separation so that contaminant water may be drained from the reservoir when the machine is at rest. In-plant filtration systems insure ISO clean-liness standards during blending and container filling, providing a clean product for your expensive hydraulic system.

Allison 3000EVS

PTO

An electrical start-stop "hot shift" PTO shall be mounted to the transmission. The PTO shall be connected to the hydraulic pump and shall supply power for all aerial and outrigger operations. Electrical safety wiring shall require that the vehicle be in neutral and the parking brake set before the PTO will operate. A "PTO Engaged" indicator light is installed in the cab of the apparatus.

EXTENSION SHAFT

Due to the design of the chassis an extension shaft shall be installed to connect the PTO to the hydraulic pump to avoid hitting the shackle.

HYDRAULIC PUMP

The hydraulic pump and reservoir shall be a separate system independent of other vehicle functions. The pump shall be load sense type that will react to demand of the aerial without imposing unnecessary horsepower demands on the engine.

The lift, extension and tilt cylinders shall include holding valves for maximum safety in the event of pressure loss or hydraulic line failure. Flow control shall be electric, remote controlled, proportional type installed to insure smooth operation of the aerial. All hydraulic valves shall be equipped with manual overrides for emergency operation and/or manual push button mechanical overrides in event of electrical failure.

The hydraulic pumping system shall be capable of providing full performance at any engine speed.

Right Rotation:

The hydraulic pump right rotation shall have a displacement of \100cc with an SAE "C" 2-bolt flange and the shaft size shall be 14 Tooth SAE C Spline Shaft. The pump shall rotate right /CW (clockwise).

ELEVATION SYSTEM

The hydraulic elevation system shall have two (2) 5" inside diameter cylinders that have 2-1/2" diameter rods and a 30" stroke. The elevation system shall elevate the aerial from -10 degrees to +75 degrees. The cylinders shall be equipped with spherical bushings to minimize cylinder rod wear. Each cylinder shall have lock valves connected directly to the barrel of the cylinder.

A pressure-reducing valve shall limit the force of the aerial when lowering and the system pressure limits the force when elevating the aerial.

All hydraulic cylinders utilized in the aerial elevation and extension system shall be commercially available and shall be of standard sizes and lengths rather than special sizes or of proprietary manufacture. This requirement is important since it assures quicker parts availability, shorter down time, and less costly replacement parts for cylinders.

EMERGENCY BACK UP PUMP

An emergency hydraulic system shall be provided for capability for limited ladder functions and to stow the ladder and outriggers in case of prime motor failure.

The emergency system shall be powered from the 12-volt electrical system from the apparatus battery system and shall not be load managed.

SIREN / SPEAKER / WARNING LT PACKAGE**ELECTRIC SIREN AND CONTROL**

A Whelen model #295SLSA1 electronic siren shall be mounted in the cab. This unit shall feature an electronic air horn, wail, yelp, hi-lo and shall have a hard wired PA microphone.

SPEAKER

One (1) Federal Signal DynaMax 100-watt speaker, model #ES100C, shall be installed. The speaker shall feature a Neodymium driver and a high strength composite housing that is chemical resistant and maintains rigidity at high temperatures.

SPEAKER

One (1) stainless steel grille shall be installed on the speaker.

SPEAKER LOCATION

The siren speaker shall be installed on the apparatus bumper extension, as determined by the body manufacturer.

FEDERAL MECHANICAL SIREN

One (1) Federal Signal Q2B mechanical siren, model Q2B-01PSD, shall be pedestal mounted onto the front bumper. The "Q" siren shall feature a highly polished chrome body and grille. The siren's distinctive mechanical wail sound shall produce 123 db at 10'. The siren control switch(es) shall be installed in the cab.

SIREN CONTROL

A foot switch shall be provided on the driver's side of the cab floor to activate the Federal Signal Q2B siren.

SIREN CONTROL

A foot switch shall be provided on the officer's side of the cab floor to activate the Federal Signal Q2B siren.

LIGHTBAR

Two (2) Whelen Ultra Freedom IV 21.5" light bars shall be included with the apparatus cab. The light bars shall be a model F4NMINI and shall be mounted on the roof of the cab, towards the front, above the windshield.

Each light bar shall feature:

- Two (2) red Linear Super LED corner modules
- One (1) white 400 series Linear LED light front center
- One (1) red 400 series linear LED endcap light
- Clear hard coated lenses to provide extended life/luster protection against UV & chemical stresses
- Designed in accordance with NFPA Zone A requirements

LIGHTBAR ACTIVATION

The front upper light bar shall be activated through the LCS Display "MASTER WARNING" button and can be individually disabled with a separate button located on the LCS display. These controls will be available at all LCS displays installed on the vehicle. White lights in the light bar will be automatically disabled with application of the park brake.

UPPER WING FRONT WARNING LIGHTS

One (1) pair of Whelen model M6 LED warning lights shall be installed, one each side one the front of the chassis cab upper wing area. The dimensions of the lights shall be 4-5/16" x 6-3/4". The driver side warning light shall be a Whelen Model M6R red Super-LED™ with color lens.

The officer side warning light shall be a Whelen Model M6R red Super-LED™ with color lens.

Each light shall be mounted with a Whelen Model M6FC chrome flange.

INBOARD WARNING LIGHTS

One (1) pair of Whelen model M6 LED warning lights shall be installed, one each side one the front of the chassis cab, in the inboard warning light position. The dimensions of the lights shall be 4-5/16" x 6-3/4".

The driver side warning light shall be a Whelen Model M6R red Super-LED™ with color lens.

The officer side warning light shall be a Whelen Model M6R red Super-LED™ with color lens.

Each light shall be mounted with a Whelen Model M6FC chrome flange.

INTERSECTION WARNING LIGHTS

One (1) pair of Whelen model M6 LED warning lights shall be installed one each side of the chassis cab. The dimensions of the lights shall be 4-5/16" x 6-3/4".

The driver side warning light shall be a Whelen Model M6R red Super-LED™ with color lens.

The officer side warning light shall be a Whelen Model M6R red Super-LED™ with color lens.

Each light shall be mounted with a Whelen Model M6FC chrome flange.

BACK-UP ALARM

An ECCO model 575 backup alarm shall be installed under the rear of the vehicle with an output level of 107 db. The alarm shall be wired to the back-up light circuit and will automatically activate when the transmission is placed in reverse.

HAAS ALERT / HA-5

R2V (Responder-to-Vehicle) with HAAS ALERT R2R (Responder-to-Responder) Capability HAAS Alert Model Number "HA-5" shall be provided. The device shall: be constructed of high strength, impact resistant, RoHS compliant ASA Plastic; have IP65 ingress protection; include a cellular modem that connects to commercially available cellular networks to transmit and receive

data to/from the HAAS Alert Safety Cloud™ and include a cellular network data plan that shall; send vehicle GPS location, speed, course, acceleration, and emergency lights status (e.g., “on” or “off”) to the HAAS Alert Safety Cloud every two (2) seconds while the vehicle is moving with e-master activated; send changes in the emergency lights status to the HAAS Alert Safety Cloud; be connected to the E-Master or emergency lights master via a minimum of 22-gauge wire; be connected to the vehicle’s main battery via a minimum of 20-gauge wire so that it receives constant power; be connected to the vehicle’s ground via a minimum of 20-gauge wire; have a parasitic shut off that turns off the device when the vehicle’s battery voltage falls below 12V; be mounted inside the cab on the dashboard, within 10 feet of the officer’s seat and with a clear view of the sky. The device shall be up-gradable to other communication technologies such as, at minimum; 5G, 5.9 band, and FirstNet.

The device shall utilize the HAAS Alert Safety Cloud to send digital R2V (Responder-to-Vehicle) alerts to nearby civilian drivers via in-dash infotainment and IVI (In-vehicle Infotainment) units, Waze and other popular consumer navigation applications when the vehicle is en-route with emergency lights engaged; utilize the HAAS Alert Safety Cloud to send digital R2V alerts to nearby civilian drivers via in-dash infotainment and IVI (In-vehicle Infotainment) units, Waze and other popular consumer navigation applications when the vehicle is on-scene with emergency lights engaged; has the ability to utilize the HAAS Alert Safety Cloud to receive digital R2R (Responder-to-Responder) alerts when the vehicle is en-route with emergency lights engaged and other responding emergency vehicles are in close proximity; have a port that connects to a compatible peripheral device to communicate R2R alerts to vehicle passengers. The device shall be able to communicate across all manufacturer brands.

The device shall have a companion, password-protected, web-based dashboard that provides authorized users with a map-based visualization of real-time vehicle location, emergency response status (i.e., “responding,” “on-scene,” “ready,” “offline”) with the ability for expanded attribution, vehicle speed and course, vehicle time-to-scene information, and vehicle time-on-scene information.

Dimensions – Length, Width, Height (Inches): 5.4” x 2.7” x 1.3”

Input Voltage - Power: 12.5V to 15V

Input Voltage - Lights Indicator: 12V to 15V

Amperage: 120 mA peak draw

Operating Temperature Range: -40°C to 85°C

Weight (Ounces): 7 oz.

The HAAS system shall be provided with a 5-year subscription.

Selected camera system shall be displayed on the driver's LCS display. The same camera signals shall also be provided on the officer's LCS display, if equipped.

**REAR FACING CAMERA**

A rear facing black box style rearview camera shall be installed on the rear of the vehicle. The camera shall activate when the vehicle transmission is shifted into reverse with the image viewed on the driver's LCS display.

The rear facing camera shall feature automatic heating when the temperature is below 10 degrees Fahrenheit, and 150-degree lens. No Exception.

DRIVER & OFFICER CAMERAS

There shall be two (2) teardrop style rearview cameras; one (1) mounted to the officer side of the vehicle, and one (1) to the driver side of the vehicle. The side tear drop cameras shall be activated with the corresponding turn signal. The images shall be viewed on the driver's and officer's side LCS displays. The side camera housings shall be chrome.

BATTERY CHARGER

A Blue Sea model #7532, 40-amp fully automatic high output battery charger shall be wired to the 12-volt battery system. The charger unit shall be mounted in a clean dry area and will be accessible for service and/or maintenance. The charger shall have a manufacturer's 5-year warranty. No Exception.

CHARGER LOCATION

The battery charger shall be located behind the driver's seat.

EJECTION UNIT

A Blue Sea 7851 Auto Eject 20-amp 120-volt shore power assembly, cover, motor input wire, power cord, and plug shall be installed. The 12-volt motor shall eject the shore power cord away from vehicle path upon sensing engine start; after ejection, the weatherproof cover snaps into position over inlet. The unit shall sequence energizing of an Auto Eject, eliminating terminal arching when connecting and disconnecting power cord.

The unit shall have a waterproof back enclosure with watertight cable fittings, which protect mechanism from road contamination.

SHORELINE INLET

There shall be a 20-amp Sure Eject auto eject with a red cover supplied.

SHORELINE LOCATION

The shoreline shall be located on the driver's side of the cab behind the front door and above the wheel well.

Please Specify Location best fit above wheel
204 DS

INDICATOR

The battery charger indicator shall be located in the canopy window.

216 DS

UPPER REAR WARNING LIGHTS

One (1) pair of Whelen Super LED, rotating beacons, P/N L31H*F, shall be installed, one each side on the upper rear of the apparatus body. The unit shall have dimensions of 4" high x 7-9/16" deep.

The driver side warning light shall be a Whelen LED rotator, model L31HRF with a red lens.
The officer side warning light shall be a Whelen LED rotator, model L31HRF with a red lens.

REAR WARNING LIGHT MOUNTING

The upper rear lights shall be mounted on cast aluminum stanchions attached to the apparatus body, one on each side.

Lower Cab Warning Provided on Chassis
Front Intersection Lights Provided on Chassis

LOWER MID-BODY WARNING LIGHTS

One (1) pair of Whelen model LINZ6 LED warning lights shall be installed, one each side one of the apparatus, mid body. The warning light shall incorporate six Super-LEDs, a clear non-optic hard coated polycarbonate lens, clear optic collimator and utilize a metalized reflector for maximum output. The dimensions of the lights shall be 2" x 4".

The driver side warning light shall be a Whelen Model LINZ6R red LED with clear lens.
The officer side warning light shall be a Whelen Model LINZ6R red LED with clear lens.

LOWER REAR SIDE WARNING LIGHTS

One (1) pair of Whelen model M6 LED warning lights shall be installed, one each side of the apparatus body, towards the rear of the body. The dimensions of the lights shall be 4-5/16" x 6-3/4".

Mounted on outrigger panel

The driver side warning light shall be a Whelen Model M6R red Super-LED™ with color lens.

The officer side warning light shall be a Whelen Model M6R red Super-LED™ with color lens.

Each light shall be mounted with a Whelen Model M6FC chrome flange.

LOWER REAR WARNING LIGHTS

One (1) pair of Whelen model M6 LED warning lights shall be installed, one each side on the lower rear of the apparatus body. The dimensions of the lights shall be 4-5/16" x 6-3/4".

The driver side warning light shall be a Whelen Model M6R red Super-LED™ with color lens.

The officer side warning light shall be a Whelen Model M6R red Super-LED™ with color lens.

12-VOLT ELECTRICAL SYSTEM

LOW VOLTAGE ELECTRICAL SYSTEM SPECIFICATIONS VMUX

A Weldon V-MUX® style 6060 Input/output "Hercules HC" Nodes shall be provided for the multiplexed electrical system; with a sealed to IP67 enclosure, sealed Deutsch connectors, (16) switch inputs, (4) analog sensor inputs, (32) output channels, dual A & B V-MUX communication ports, dual CAN communication ports, and built in LED network status indicators. The Hercules node shall be capable of carrying up to 120 amps of load at high temperatures (85C), be field programmable via USB, and support on-board diagnostics. (Item #6060-0000-00)

Weldon V-MUX style 6000 Input/output "**Hercules**" Nodes shall be provided for the multiplexed electrical system; with a durable extruded aluminum enclosure, sealed Deutsch connectors, (16) switch inputs, (3) analog sensor inputs, (26) output channels, dual A & B communication ports, and built in LED status indicators. The Hercules node shall be capable of carrying up to 120 amps of load at high temperatures, be field programmable, and support complete on-board diagnostics. (Item #6000-0000-04)

Weldon V-MUX style 6010 Input/output "**Mini**" Nodes shall be provided for the multiplexed electrical system, with a durable Deutsch enclosure, sealed Deutsch connectors, (4) switch inputs, (1) analog sensor input, (12) output channels, dual A & B communication ports, and built in LED status indicators. The Mini node shall be capable of carrying up to 55 amps of load at high temperatures, be field programmable, and support complete on-board diagnostics. (Item #6010-0000-00)

Weldon V-MUX style 6020 "**Input expansion**" Nodes shall be provided for the multiplexed electrical system, with a durable Deutsch enclosure, sealed Deutsch connectors, (16) switch inputs, dual A & B communication ports, and built in LED status indicators. The Input expansion Node shall be field programmable. (Item #6020-0000-00)

Weldon V-MUX style 6030 "**8x16**" Nodes shall be provided for the multiplexed electrical system; with a durable extruded aluminum enclosure, sealed Deutsch connectors, (8) switch inputs, (2) analog sensor inputs, (16) output channels, dual A & B communication ports, and built in LED indicators. The 8x16 Node shall be capable of carrying up to 80 Amps of load at high temperatures, be field programmable, and support complete on-board diagnostics. (Item #6030-0000-00)

Weldon V-MUX style 6241 "**Vista IV**" Nodes shall be provided as color display interfaces for the multiplexed electrical system; to indicate real-time status of doors, seats, sensors, and other components of the vehicle. The menu-oriented displays shall allow the user to control interior and exterior vehicle lights, interior HVAC, system Diagnostics, engine High Idle, among other multiplexed functions. The Vista IV shall support vehicle cameras, GPS display, and DVD video, through use of four NTSC-format video plug-in channels. The Vista IV display shall have the ability to automatically change screens based on vehicle state so as to show warning message or status. Messages will be displayed in a variety of text fonts and color graphics. Device controls will be accessed by means of seven fixed buttons using a custom label and eight screen-based menu-driven buttons. The Vista IV will support both flush surface mounting or 6" and 9" Pana Vise™ riser-mount options. The Vista IV can be updated (flashed) via a USB port, not requiring a PC/laptop interface. There is also a touch screen option with the Vista IV Standard. (Item #624x-xxxx-xx: exact part number will be based on configuration.)

Weldon V-MUX style "**Touchscreen Vista**" Nodes shall be provided as touchable interactive color display interfaces for the multiplexed electrical system; to indicate real-time status of doors, seats, sensors, and other components of the vehicle. The menu-oriented touch interface shall allow the user to control interior and exterior vehicle lights, interior HVAC, system Diagnostics, engine High Idle, among other multiplexed functions. The Touchscreen Vista shall support vehicle cameras, GPS navigation, and DVD video, through use of four NTSC-format video channels. The Vista touch only is protected by an ABS housing. The housing is slightly less than doubled in size to fit in most OEM radio openings. The Vista IV touch only has mounting options with aftermarket radio installation kits for a clean factory look. The Touchscreen Vista display shall have the ability to automatically change screens based on vehicle state so as to show warning message or status. Messages will be displayed in a variety of

text fonts and color graphics. Device controls will be nominally screen based, with an integrated interface with style 6311 PODS Button Modules. USB port is integrated for updating/programming display and will remain powered for USB charging abilities. (Item #624x-xxxx-xx: exact part number will be based on configuration.)

A Weldon V-MUX style 6310 **"PODS"** Controller with 6311 Button Modules shall be provided so as to support up to 64 programmable buttons which communicate along an expandable daisy-chaining serial link. The PODS Controller and Button Modules shall have built-in LED status indicators and be field programmable. (Item #6310-0000-24 (PODS Controller), #6311-0400-00 (4-button module), #6311-0300-00 (3-button module))

PUMP ENCLOSURE LIGHTS

One (1) LED work light shall be provided in the pump enclosure.
The control switch shall be mounted on the light head.

MARKER LIGHTS

LED marker lights shall be installed on the vehicle in conformance to the Department of Transportation requirements.

MARKER LIGHTS

Two (2) Britax P/N L427.203.L12V flex rubber arm style LED Clearance lights shall be mounted on the rear of the body, one each side. These lights are in addition to the lights required by the DOT.

LICENSE PLATE BRACKET

A stainless steel license plate bracket shall be provided at the rear of the apparatus. The bracket shall have a LED light.

TAIL LIGHTS

One (1) pair of Whelen M62BTT LED tail/brake lights shall be provided. The rectangular 4"x6" lights shall be red.

TURN SIGNALS

One (1) pair of Whelen M62T LED turn signals with populated sequential chevron arrow shall be provided.

BACKUP LIGHTS

One (1) pair of Whelen Series M62BU LED backup lights shall be installed on the rear of the apparatus body. The dimensions shall be 4" x 6" and the lens color shall be clear.

FOUR LIGHT HOUSING

One (1) pair of chrome plated tail light housings shall be supplied. Each housing shall be designed to hold four (4) Whelen M6 rear lights located at the lower rear corners of the body.

MID BODY LED TURN SIGNALS

One (1) pair of TechNiq S17 amber mid body LED marker / turn signals shall be provided. The location of the turn lights shall be at mid-body near the rear wheel axle.

GROUND LIGHTS

There shall be two (2), one each side, Whelen 3SC0CDCR LED NFPA compliant ground light mounted to the underside of the rub rail of the pump house.

Each light shall include a polycarbonate lens, a housing which is vibration welded and a bulb which shall be shock mounted for extended life.

The ground lighting shall be activated when the parking brake is set.

GROUND LIGHTS

There shall be two (2) Whelen 3SC0CDCR LED NFPA compliant ground light mounted to the underside of the rear step.

Each light shall include a polycarbonate lens, a housing which is vibration welded and a bulb which shall be shock mounted for extended life.

The ground lighting shall be activated when the parking brake is set.

The ground lights shall automatically activate when the parking brake is applied.

REAR TAILBOARD LIGHTS

Two (2) LED step lights with clear lens shall be installed to illuminate the step surfaces at the rear of the apparatus body.

The step/walkway light switch shall be installed and wired to the parking brake.

LEFT SIDE BODY SCENE LIGHTING

The following scene lighting shall be located on the left side of the body:

SCENE LIGHT

Two (2) Whelen M9 Series Model # M9LZC scene light(s) shall be provided. The steady burn scene light shall incorporate Linear Super-LED® and Smart LED® technology.

The M9LZC shall be furnished with a chrome trim ring, a rubber gasket, screws, and screw grommets for installation. The M9LZC shall have the ability to be installed as a surface mount scene light.

Voltage: +12v

Size: H=6.51", W=10.34", D=1.892"

Amp Draw: 6.0 Amps

Lens Color: Clear

The scene light shall be installed on an aluminum mounting plate, painted to match the body.

SCENE LIGHT SWITCHING

The one (1) left side scene light(s) shall activate via a virtual scene light switch located on the driver's and officer's Vista screen and by a switch on the pump panel. The switching shall be wired to operate in a three-way configuration to allow the light(s) to be controlled from either location regardless of switch position. The switches shall be labeled "LEFT SCENE".

RIGHT SIDE BODY SCENE LIGHTING

The following scene lighting shall be located on the right side of the body:

SCENE LIGHT

Two (2) Whelen M9 Series Model # M9LZC scene light(s) shall be provided. The steady burn scene light shall incorporate Linear Super-LED® and Smart LED® technology.

The M9LZC shall be furnished with a chrome trim ring, a rubber gasket, screws, and screw grommets for installation. The M9LZC shall have the ability to be installed as a surface mount scene light.

Voltage: +12v

Size: H=6.51", W=10.34", D=1.892"

Amp Draw: 6.0 Amps

Lens Color: Clear



SCENE LIGHT SWITCHING

The one (1) right side scene light(s) shall activate via a virtual scene light switch located on the driver's and officer's Vista screen and by a switch on the pump panel. The switching shall be wired to operate in a three-way configuration to allow the light(s) to be controlled from either location regardless of switch position. The switches shall be labeled "RIGHT SCENE".

REAR BODY SCENE LIGHTING

The following scene lighting shall be located on the rear of the body:

SCENE LIGHT

Two (2) Whelen M9 Series Model # M9LZC scene light(s) shall be provided. The steady burn scene light shall incorporate Linear Super-LED® and Smart LED® technology.

The M9LZC shall be furnished with a chrome trim ring, a rubber gasket, screws, and screw grommets for installation. The M9LZC shall have the ability to be installed as a surface mount scene light.

Voltage: +12v

Size: H=6.51", W=10.34", D=1.892"

Amp Draw: 6.0 Amps

Lens Color: Clear

SCENE LIGHT SWITCHING

The one (1) rear scene light(s) shall activate via a virtual scene light switch located on the driver's and officer's Vista screen and by a switch on the pump panel. The switching shall be wired to operate in a three-way configuration to allow the light(s) to be controlled from either location regardless of switch position. The switches shall be labeled "REAR SCENE".

SCENE LIGHT SWITCHING

The rear scene lights shall activate automatically upon placing the transmission into reverse.

CHASSIS MODIFICATION

FLUID DATA PLAQUE

A fluid data plaque containing required information shall be provided based on the applicable components for this apparatus, compliant with NFPA Standards:

- Engine oil
- Engine coolant
- Chassis transmission fluid
- Drive axle lubricant
- Power steering fluid
- Pump transmission lubrication fluid
- Other NFPA applicable fluid levels or data as required

Location shall be in the driver's compartment or on driver's door.

HEIGHT LENGTH & WEIGHT WARNING LABEL

A highly visible label indicating the overall height, length, and weight of the vehicle shall be installed in the cab dash area.

NO RIDE LABEL

A "NO RIDERS" label shall be applied on the vehicle at the rear step area or other applicable areas. The label shall warn personnel that riding in or on these areas, while the vehicle is in motion is prohibited.

CAB SEATING POSITION LIMITS

A label shall be installed in the cab to indicate seating positions for firefighters. A weight allowance of 250 pounds for each shall be factored into the gross vehicle weight rating of the chassis.

HELMET WARNING TAG

A label shall be installed in the cab, visible from each seating position. The label shall read "CAUTION: DO NOT WEAR HELMET WHILE SEATED." Helmets must be properly stowed while the vehicle is in motion according to the current edition of NFPA 1901.

REAR TOWING PROVISIONS

There shall be two (2) tow eyes furnished at the rear of the body and attached directly to each chassis frame rail. The tow eyes shall be accessible above the rear tailboard. The tow eyes shall be constructed of 5/8" plate steel with a 4" I.D. hole, large enough for passing through a tow chain end hook.

The tow plates shall be painted black.

TIRE PRESSURE INDICATOR

There shall be a tire pressure indicator, p/n RWTG1235, at each tire's valve stem on the vehicle that shall indicate if there is insufficient pressure in the specific tire.

EXHAUST HEAT SHIELD

A heat shield shall be installed under the body in the areas where the exhaust system is routed.

REAR MUD FLAPS

A pair of black mud flaps shall be installed behind the rear wheels.

WATEROUS CXVC22 SINGLE STAGE PUMP

WATEROUS CXVC22 SINGLE STAGE PUMP

A Waterous model CXVC22, single stage centrifugal pump shall be designed to mount on the chassis frame rails and shall be split-drive shaft driven. The pump casing shall be of high-tensile, close-grained ductile iron. Pump body shall be a single piece housing, for easy removal of impeller assembly including wear rings and bearings from beneath the pump without disturbing the mounting or piping.

IMPELLER

A matched bronze impeller specifically designed for the fire service will be provided. It will be accurately balanced both mechanically and hydraulically, for vibration-free operation. Stainless steel heat-treated and precisely ground to size. It shall be supported on both ends by oil or grease lubricated ball bearings.

Replaceable wear rings, bronze, reverse-flow, labyrinth-type shall be provided. Deep groove ball bearings shall be located outside the pump to give rugged support and proper alignment to the impeller shaft. The bearings shall be oil or grease lubricated. All bearings shall be completely separated from the water being pumped.

PUMP TRANSMISSION

The housing shall be constructed of high tensile aluminum and be of three (3) piece, horizontally split design. The transmission driveline shafts shall be made from alloy steel forging, hardened and ground to size. The drive and driven sprockets shall be made of steel, shall be carbonized, and hardened.



The drive chain shall be Morse HV involute form chain. The lubrication system shall be an impeller shaft driven oil pump to deliver oil to an integral spray header, to completely pressure lubricate the drive chain.

PUMP MOUNTING

The pump shall be bolted to steel angles in pump module, using grade 8 bolts.

DRIVELINE

Hollow-tube drivelines and universals shall be properly matched to the engine and transmission output torque ratings.

All Pump Manufactures recommend that their Pumps are drained after every use and be stored dry. End user is responsible to follow this recommendation.

1500 GPM FIRE PUMP SPECIFICATIONS

The centrifugal type fire pump shall be a Waterous model CXC22 midship mounted with a rated capacity of 1500 GPM. The pump shall meet NFPA 1901 requirements.

The pump shall be certified to meet the following deliveries:

1500 GPM @ 150 PSI
1500 GPM @ 165 PSI
1050 GPM @ 200 PSI
750 GPM @ 250 PSI

All Pump Manufactures recommend that their Pumps are drained after every use and be stored dry. End user is responsible to follow this recommendation.

LEFT SIDE -- 6" UNGATED INTAKE

One (1) 6" ungated suction intake shall be installed on the left side pump panel to supply the fire pump from an external water supply. The threads shall be 6" NST. The intake shall be provided with a removable screen.

A 6" chrome plated cap shall be provided. The threads shall be NST and the cap shall be equipped long handles.

RIGHT SIDE -- 6" UNGATED INTAKE

One (1) 6" ungated suction intake shall be installed on the right side pump panel to supply the fire pump from an external water supply. The intake shall be provided with a removable screen.

A 6" chrome plated cap shall be provided. The threads shall be NST and the cap shall be equipped long handles.

FIRE PUMP MECHANICAL SHAFT SEAL

The Waterous fire pump shall be equipped with self-adjusting, maintenance free, 'mechanical shaft seal' which is designed to be functional in the unlikely event of a seal failure.

IMPELLER HUBS

The Waterous fire pump impeller hubs shall be "Flame Plated", impregnated with tungsten carbide to assure maximum pump life and efficiency despite the presence of abrasive particles, such as fine sand, in the water being pumped.

ELECTRIC/PNEUMATIC PUMP SHIFT

The fire pump shift shall be air-operated incorporating an air cylinder with an electrically actuated pneumatic switch to shift from ROAD to PUMP and back. The fire pump shift control switch and valve shall be mounted in the cab.

The fire pump shift system shall be equipped with a means to prevent unintentional movement of the control device from its set position. The system shall include a nameplate indicating the chassis transmission shift selector position to be used for pumping and located so that it can be easily read from the driver's position.

The system shall include the applicable NFPA standard interlocks, pump shift and OK TO PUMP indicator lights in the cab and pump panel. The fire pump shift system shall be equipped with an interlock system to ensure that the pump drive system components are properly engaged in the pumping mode of operation so the pumping system can be safely operated from the pump operator's position.

If applicable, the secondary braking device shall be automatically disengaged for pumping operations.

TRIDENT PRIMER – AUTOMATIC

An automatic fire pump priming system shall be provided and installed. The system shall be oil-less type and environmentally safe. Once engaged, the system shall be fully automatic and not require any action from the pump operator/engineer when pump draft is lost. This feature provides an additional safety margin by maintaining pump flow from the available water source automatically during drafting operations. When air is introduced during a drafting operation from conditions such as whirlpools or turbulence from porta-tank refill operations, the priming system shall automatically engage to remove the air and stabilize water flow and pump pressure. For additional safety, the entire system shall operate at less than 70dBA of ambient noise.

The priming system shall engage automatically whenever the pump discharge falls below five (5) psi and shall remain engaged until a pump prime has been achieved. The priming system shall automatically disengage when a positive pump discharge pressure has been established. The electrical current draw from the chassis batteries shall not exceed four (4) amps at any given time of operation and allow for unlimited run time without causing an overheat condition for of any of the system components.

A single engagement switch shall be provided on the pump control panel that will allow the operator to engage the automatic pump priming system. There shall be a light provided on the pump control panel to indicate when the system is engaged. The pump shall be capable of taking suction and discharging water with a lift of 10 feet in not more than 30 seconds with the pump dry, through 20 feet of suction hose of appropriate size. The priming system shall comply with applicable sections of NFPA standards.

PRIMER CONTROL

A rocker switch control shall be provided on the pump operator's panel, for the main pump primer control.

PRESSURE GOVERNOR AND ENGINE-PUMP MONITORING

A Fire Research InControl series TGA300 pressure governor and monitoring display kit shall be installed. The kit shall include a control module, intake pressure sensor, discharge pressure sensor, and cables. The control module case shall be waterproof and have dimensions not to exceed 5 1/2" high by 10 1/2" wide by 2" deep. Inputs for monitored information shall be from a J1939 databus or independent sensors. Outputs for engine control shall be on the J1939 databus or engine specific wiring.

The following continuous displays shall be provided:

- Pump discharge; shown with four daylight bright LED digits more than 1/2" high
- Pump Intake; shown with four daylight bright LED digits more than 1/2" high
- Pressure / RPM setting; shown on a dot matrix message display
- Pressure and RPM operating mode LEDs
- Throttle ready LED
- Engine RPM; shown with four daylight bright LED digits more than 1/2" high
- Check engine and stop engine warning LEDs
- Oil pressure; shown on a dual color (green/red) LED bar graph display
- Engine coolant temperature; shown on a dual color (green/red) LED bar graph display
- Transmission Temperature; shown on a dual color (green/red) LED bar graph display
- Battery voltage; shown on a dual color (green/red) LED bar graph display.

The dot-matrix message display shall show diagnostic and warning messages as they occur. It shall show monitored apparatus information, stored data, and program options when selected by the operator. All LED intensity shall be automatically adjusted for day and night time operation.

The program shall store the accumulated operating hours for the pump and engine to be displayed with the push of a button. It shall monitor inputs and support audible and visual warning alarms for the following conditions:

- High Battery Voltage
- Low Battery Voltage (Engine Off)
- Low Battery Voltage (Engine Running)
- High Transmission Temperature
- Low Engine Oil Pressure
- High Engine Coolant Temperature
- Out of Water (visual alarm only)
- No Engine Response (visual alarm only).

The program features shall be accessed via push buttons located on the front of the control panel. There shall be an USB port located at the rear of the control module to upload future firmware enhancements.

Inputs to the control panel from the pump discharge and intake pressure sensors shall be electrical. The discharge pressure display shall show pressures from 0 to 600 psi. The intake pressure display shall show pressures from -30 in. Hg to 600 psi.

The governor shall operate in two control modes, pressure and RPM. No discharge pressure or engine RPM variation shall occur when switching between modes. A throttle ready LED shall light when the interlock signal is recognized. The governor shall start in pressure mode and set the engine RPM to idle. In pressure mode the governor shall automatically regulate the discharge pressure at the level set by the operator. In RPM mode the governor shall maintain the engine RPM at the level set by the operator except in the event of a discharge pressure increase. The governor shall limit a discharge pressure increase in RPM mode to a maximum of 30 psi. Other safety features shall include recognition of no water conditions with an automatic programmed response and a push button to return the engine to idle.

The pressure governor, monitoring and master pressure display shall be programmed to interface with a specific engine.

PUMP ANODES

There shall be sacrificial, zinc anodes in the pump steamer ports which shall protect the pump and piping from electrolysis. These anodes shall also act as screens.

STAINLESS STEEL PLUMBING

PUMP PLUMBING SYSTEM

The fire pump plumbing system shall be of rigid stainless steel pipe or flexible piping with stainless steel fittings. Mechanical grooved couplings shall be installed to permit flexing of the plumbing system and allow for quick removal of piping or valves for service. Flexible hose couplings shall be threaded stainless steel or mechanical grooved coupling connections.

The fire pump and plumbing shall be hydrostatically tested in compliance to applicable sections of NFPA standards. The test results shall be included in the delivery documentation.

FIRE PUMP MASTER DRAIN

The fire pump plumbing system and fire pump shall be piped to a single push-pull type master pump drain assembly.

ADDITIONAL LOW POINT DRAINS

The plumbing system shall be equipped with additional low point manually operated drain valves to allow total draining of the fire pump plumbing system. These valves shall be accessible from the side of the vehicle and labeled.

STAINLESS STEEL INTAKE MANIFOLD

The suction manifold assembly shall be fabricated with Schedule #10 type 304 stainless steel. All threaded fittings shall be a minimum of Schedule 10 stainless steel. The suction manifold assembly shall have radiused sweep elbows to minimize water turbulence into the suction volute. The suction manifold shall be welded and pressure tested prior to installation. The stainless steel manifold assembly shall be attached to the pump intake volute with a heavy-duty, flexible Victaulic coupling.

The stainless steel manifold assembly shall have a ten (10) year warranty.

STAINLESS STEEL DISCHARGE MANIFOLD

The discharge manifold assembly shall be fabricated with minimum of Schedule #10 Type 304 stainless steel. All threaded fittings shall be a minimum of Schedule #40 stainless steel. The discharge manifold assembly shall have radiused sweep elbows to minimize water turbulence. The manifold shall be welded and pressure tested prior to installation. The stainless steel manifold inlet shall be attached to the pump discharge and have additional brackets as required to support the discharge manifold, valves and related components.

The stainless steel manifold assembly shall have a ten (10) year warranty.

PLUMBING SYSTEM

The plumbing system shall be unpainted.

HOSE THREADS

The hose threads shall be National Standard Thread (NST) on all base threads on the apparatus intakes and discharges.

WATER TANK TO PUMP LINE

A 3" water tank to the rear mounted fire pump line shall be provided with a full flow quarter turn ball valve, 4" piping, and with flex hose and stainless steel hose clamps. The tank to pump line shall be equipped with a check valve to prevent pressurization of the water tank.

The line shall be flow tested during the fire pump testing and shall meet applicable requirements of NFPA standards.

The tank to pump valve shall be controlled at the pump operator's panel.

The valve shall be an Akron 8000 Series three-inch (3") valve with a stainless ball.

An Akron valve equipped with a manually operated pull rod, with quarter-turn locking feature shall be provided on the intake. The handle shall be equipped with a color-coded name plate.

FIRE PUMP TO WATER TANK FILL LINE

A 2" fire pump to water tank refill and pump bypass cooler line shall be provided. The valve shall be a full flow quarter turn ball valve with 2" piping and flex hose to tank. The valve control handle shall have a nameplate located near the valve control.

The valve shall be an Akron 8000 Series two-inch (2") valve with a stainless ball.

An Akron valve equipped with a manually operated pull rod, with quarter-turn locking feature shall be provided on the intake. The handle shall be equipped with a color-coded name plate.

FIRE PUMP SPLIT SHAFT DRIVESHAFTS AND INSTALLATION

The mid-ship split shaft fire pump shall be installed and shall include installation of the fire pump, modification and/or fabrication of new drivelines and all pump-mounting brackets. The drive shaft(s) shall be spin balanced prior to final installation.

INTAKE RELIEF/DUMP VALVE

A TFT A18 series, 2-1/2" intake relief/dump valve preset at 125 psi shall be permanently installed on the suction side of the fire pump. The valve shall have an adjustment range of 75 psi

to 250 psi, and shall be designed to automatically self-restore to a non-relieving position when excessive pressure is no longer present.

Discharge side of the intake relief valve shall be plumbed away from the pump operator.

FIRE PUMP COOLING

The fire pump shall be equipped with 3/8" cooling line from the pump to the water tank. This recirculation line shall be controlled by a pump panel control valve with nameplate label noting it as the "fire pump bypass cooler". There shall be a check valve installed in the pump cooler line to prevent tank water from back flowing into the pump when it is not in use.

CHASSIS ENGINE HEAT EXCHANGER COOLING SYSTEM

The apparatus shall be equipped with a heat exchanger for supplementary chassis engine cooling during fire pump operations. A manually opened valve, mounted at the operator's panel, shall direct water from the fire pump to the heat exchanger that is mounted in the engine radiator cooling hose. The system shall provide cooling water from the fire pump to circulate around the engine radiator coolant without mixing or coming in direct contact with the engine coolant. The complete installation shall be done by the fire apparatus manufacturer.

A nameplate label shall be installed on the pump panel noting "engine cooling system" with "on-off" opening directions noted.

UNDERWRITERS LABORATORIES CERTIFICATION

The pump shall undergo an Underwriters Laboratories Incorporated test per applicable sections of NFPA standards, prior to delivery of the completed apparatus.

The UL acceptance certificate shall be furnished with the apparatus on delivery.

FIRE PUMP TEST LABEL

A fire pump performance and rating label shall be installed on the fire apparatus pump panel. The label shall denote levels of pump performance and testing completed at factory. These shall include GPM at net pump pressure, RPM at such level, and other pertinent data as required by applicable NFPA standards. In addition, the pressure control device, tank to pump flow tests, and other required testing shall be completed.

In addition, the entire pump, suction and discharge passages shall be hydrostatically tested to a pressure as required by applicable NFPA standards. The pump shall be fully tested at the pump manufacturer's factory to the performance specifications as outlined by applicable NFPA standards. Pump shall be free from objectionable pulsation and vibration.

If applicable, the fire pump shall be tested and rated as follows:

- 100% of rated capacity at 150 pounds net pressure.
- 70% of rated capacity at 200 pounds net pressure.
- 50% of rated capacity at 250 pounds net pressure.
- 100% or rated capacity at 165 pounds net pressure.

LEFT SIDE -- 2-1/2" GATED INTAKE

One (1) 2-1/2" gated suction intake shall be installed on left side pump panel to supply the fire pump from an external water supply. The control valve shall be a quarter turn ball valve and shall have 2-1/2" NST female thread of chrome plated brass.

The intake shall be equipped with a 3/4" drain and bleeder valve. A nameplate label and removable screen shall be installed.

An Innovative Controls 3/4" cast bronze quarter-turn drain/bleeder valve shall be installed. The valve shall be complete with a chrome plated bronze ball, reinforced Teflon seals, and blow-out proof stem rated to 600 PSI. A chrome plated zinc handle shall be provided on each drain valve complete with a recessed ID label provision. The handle shall lift to open and push down to close.

A 2-1/2" chrome plated plug shall be provided. The threads shall be NST and the plug shall be equipped rocker lugs and chain or cable securement.

The valve shall be an Akron 8000 Series two and one half-inch (2-1/2") valve with a stainless ball.

The valve shall be equipped with a manually operated, swing-type manual control located adjacent the intake. The valve shall be equipped with a color-coded name plate.

DISCHARGES

2" DISCHARGE FRONT CENTER BUMPER

A 2" discharge shall be installed at front center bumper area with brass swivel outlet with 1-1/2" NST male threads. The valve control shall be on pump panel and a nameplate label provided at valve control area.

The plumbing shall be flexible hose with abrasion resistant support mountings. Auxiliary low point drains shall be provided on the discharge line.

A Class 1 automatic type 3/4" bleeder valve shall be installed.

The hose connection for the front discharge shall be a swivel type located above the front bumper deck level.

The specified valve shall be an Akron 8000 Series two-inch (2") valve with a stainless ball. For valve actuation, the specified discharge shall be equipped with a side mount valve control. The ergonomically designed 1/4 turn push-pull T-handle shall be chrome plated zinc with recessed labels for color coding and signage. The gear-control rod, double laminated locking clips, and rod housing shall be stainless steel and provide true positive lock that will eliminate valve drift. Bronze and Teflon impregnated stainless steel bushings in both ends of rod housing shall eliminate rod deflection, never need lubrication and ensure consistent long-term operation.

The control assembly shall include a decorative chrome-plated zinc panel mounted bezel with recessed color-coded label.

One (1) 2-1/2" IC discharge pressure gauges (0-400 PSI) shall be provided. The face of the gauge shall be a WHITE dial with black letters. The gauges will be located on the pump instrument panel.

TWO (2) 1-1/2" CROSSLAY DISCHARGES

Two (2) pre-connect 1-3/4" hose cross lays shall be installed over pump enclosure, with quarter turn 2" diameter ball valves. The outlets shall be a 2" NPT female swivel x 1-1/2" male NST hose threads.

The cross lay hose beds shall have smooth aluminum sides. The hosebed decking shall be constructed with slots integrated into the hosebed floor. Dividers shall be installed to separate the cross lay beds.

Each hose bed shall provide for a minimum capacity of 200 feet of 1-3/4" diameter double jacket hose with the hose and nozzle provided by the fire department.

An Innovative Controls 3/4" cast bronze quarter-turn drain/bleeder valve shall be installed. The valve shall be complete with a chrome plated bronze ball, reinforced Teflon seals, and blow-out proof stem rated to 600 PSI. A chrome plated zinc handle shall be provided on each drain valve complete with a recessed ID label provision. The handle shall lift to open and push down to close.

The specified valve shall be an Akron 8000 Series two-inch (2") valve with a stainless ball. For valve actuation, the specified discharge shall be equipped with a side mount valve control. The ergonomically designed 1/4 turn push-pull T-handle shall be chrome plated zinc with recessed labels for color coding and signage. The gear-control rod, double laminated locking clips, and rod housing shall be stainless steel and provide true positive lock that will eliminate valve drift. Bronze and Teflon impregnated stainless steel bushings in both ends of rod housing shall eliminate rod deflection, never need lubrication and ensure consistent long-term operation.

The control assembly shall include a decorative chrome-plated zinc panel mounted bezel with recessed color-coded label.

Two (2) 2-1/2" IC discharge pressure gauges (0-400 PSI) shall be provided. The face of the gauge shall be a WHITE dial with black letters. The gauges will be located on the pump instrument panel.

CROSSLAY HINGED COVER WITH END FLAPS

The cross lay hosebed shall be equipped with a single aluminum diamond plate hinged cover with vinyl end flaps with hook & loop fasteners. The cover shall have rubber bumpers, latching devices, and lift up handle on each end of the cover.

The hosebed cover shall be labeled, "Not a Standing or Walking Surface", per NFPA. The vinyl cover shall be red in color.

CROSSLAY HOSE BED TRIM

The cross lay hosebed shall be equipped anodized aluminum angle overlays, one on each end of the hosebed.

CROSSLAY HOSEBEDS

Crossley hosebed(s) shall be mounted over the upper pump panel or gauge panel in the upper portion of the pump enclosure. The cross lay hosebed shall be approximately 12" from the top of the pump enclosure.

LEFT SIDE PUMP PANEL -- 2-1/2" DISCHARGE

Two (2) 2-1/2" discharge shall be installed on the left side pump panel area and shall be controlled by a quarter turn ball valve. The discharge shall have 2-1/2" NST male hose threads. A color coded nameplate label shall be provided adjacent the control handle.

An Innovative Controls 3/4" cast bronze quarter-turn drain/bleeder valve shall be installed. The valve shall be complete with a chrome plated bronze ball, reinforced Teflon seals, and blow-out proof stem rated to 600 PSI. A chrome plated zinc handle shall be provided on each drain valve complete with a recessed ID label provision. The handle shall lift to open and push down to close.

Two (2) chrome plated elbow with rocker lugs shall be provided with 2-1/2" NST swivel female x 2-1/2" NST male hose threads.

Two (2) 2-1/2" NST rocker lug chrome plated vented cap and cable or chain securement shall be provided.

The specified valve shall be an Akron 8000 Series two and one half-inch (2-1/2") valve with a stainless ball.

For valve actuation, the specified discharge shall be equipped with a side mount valve control. The ergonomically designed 1/4 turn push-pull T-handle shall be chrome plated zinc with recessed labels for color coding and signage. The gear-control rod, double laminated locking clips, and rod housing shall be stainless steel and provide true positive lock that will eliminate valve drift. Bronze and Teflon impregnated stainless steel bushings in both ends of rod housing shall eliminate rod deflection, never need lubrication and ensure consistent long-term operation.

The control assembly shall include a decorative chrome-plated zinc panel mounted bezel with recessed color-coded label.

Two (2) 2-1/2" IC discharge pressure gauges (0-400 PSI) shall be provided. The face of the gauge shall be a WHITE dial with black letters. The gauges will be located on the pump instrument panel.

RIGHT SIDE PUMP PANEL -- 2-1/2" DISCHARGE

One (1) 2-1/2" discharge shall be installed on the right side pump panel area and shall be controlled by a quarter turn ball valve. The discharge shall have 2-1/2" NST male hose threads. A color coded nameplate label shall be provided adjacent the control handle.

An Innovative Controls 3/4" cast bronze quarter-turn drain/bleeder valve shall be installed. The valve shall be complete with a chrome plated bronze ball, reinforced Teflon seals, and blow-out proof stem rated to 600 PSI. A chrome plated zinc handle shall be provided on each drain valve complete with a recessed ID label provision. The handle shall lift to open and push down to close.

One (1) chrome plated elbow with rocker lugs shall be provided with 2-1/2" NST swivel female x 2-1/2" NST male hose threads.

One (1) 2-1/2" NST rocker lug chrome plated vented cap and cable or chain securement shall be provided.

The specified valve shall be an Akron 8000 Series two and one half-inch (2-1/2") valve with a stainless ball.

For valve actuation, the specified discharge shall be equipped with a side mount valve control. The ergonomically designed 1/4 turn push-pull T-handle shall be chrome plated zinc with recessed labels for color coding and signage. The gear-control rod, double laminated locking clips, and rod housing shall be stainless steel and provide true positive lock that will eliminate valve drift. Bronze and Teflon impregnated stainless steel bushings in both ends of rod housing shall eliminate rod deflection, never need lubrication and ensure consistent long-term operation.

The control assembly shall include a decorative chrome-plated zinc panel mounted bezel with recessed color-coded label.

One (1) 2-1/2" IC discharge pressure gauges (0-400 PSI) shall be provided. The face of the gauge shall be a WHITE dial with black letters. The gauges will be located on the pump instrument panel.

RIGHT SIDE PUMP PANEL -- 3" x 4" DISCHARGE

One (1) 3" discharge shall be installed on the right side pump panel area and shall be controlled by a full flow 3" slow-close quarter turn ball valve. The discharge shall have 4" NST male hose threads. A color coded nameplate label shall be provided adjacent the control handle.

An Innovative Controls 3/4" cast bronze quarter-turn drain/bleeder valve shall be installed. The valve shall be complete with a chrome plated bronze ball, reinforced Teflon seals, and blow-out proof stem rated to 600 PSI. A chrome plated zinc handle shall be provided on each drain valve complete with a recessed ID label provision. The handle shall lift to open and push down to close.

One (1) lightweight aluminum elbow with 30 degree slant shall be provided. Threads shall be 5" Storz with lugs and manual locks x 4" female swivel NST with rocker lugs.

One (1) 5" lightweight aluminum Storz cap with cable or chain securement shall be provided. The specified valve shall be an Akron 8000 Series three-inch (3") valve with a stainless ball.

One (1) Akron valve equipped with a manually operated pull rod, with quarter-turn locking feature and a manual slow-close device shall be provided on the specified discharge. The handle shall be equipped with color-coded name plate.

One (1) 2-1/2" IC discharge pressure gauges (0-400 PSI) shall be provided. The face of the gauge shall be a WHITE dial with black letters. The gauges will be located on the pump instrument panel.

REAR AERIAL INLET AND DISCHARGE

One (1) 3" fire pump discharge shall be piped to the rear of the apparatus with 4" pipe and controlled with a slow close valve on the pump panel. The 4" rear inlet connection shall provide a dual supply to the aerial device. The rear inlet shall have 4" NST male threads and a 4" NST rocker lug cap with cable or chain securement shall be provided.

There shall be a 1-1/2" drain installed in the rear aerial supply line with control on the rear of the apparatus body.

A color coded nameplate labels shall be provided at rear and on the pump panel control handle. An Innovative Controls 3/4" cast bronze quarter-turn drain/bleeder valve shall be installed. The valve shall be complete with a chrome plated bronze ball, reinforced Teflon seals, and blow-out

proof stem rated to 600 PSI. A chrome plated zinc handle shall be provided on each drain valve complete with a recessed ID label provision. The handle shall lift, to open and push down, to close.

One (1) 4" NST rocker lug chrome plated vented cap and cable or chain securement shall be provided.

The specified valve shall be an Akron 8000 Series three-inch (3") valve with a stainless ball. One (1) Akron valve equipped with a manually operated pull rod, with quarter-turn locking feature and a manual slow-close device shall be provided on the specified discharge. The handle shall be equipped with color-coded name plate.

One (1) 2-1/2" IC discharge pressure gauges (0-400 PSI) shall be provided. The face of the gauge shall be a WHITE dial with black letters. The gauges will be located on the pump instrument panel.

RELIEF VALVE

A pre-set relief valve capable of protecting the waterway system by relieving pressure through the dumping of water to the environment. The relief valve shall be plumbed to dump the excess water below the chassis frame rails.

DRAIN VALVE

A 1-1/2 inch minimum drain valve shall be installed at the low point of the waterway inlet system. The handle to operate the drain valve shall be extended to the rear of the body.

PUMP PANEL- SIDE MOUNT

SIDE MOUNT PUMP ENCLOSURE

The side mount pump enclosure shall be removable and supported from the chassis frame rails. This enclosure will allow independent flexing of the pump enclosure from the body and allow for quick removal. The support structure shall be constructed of extruded aluminum tubing and angle.

All pump suction and discharge controls are to be mounted on the driver side pump operator's panel so as to permit operation of the pump from a central location. The fire pump, valves and controls shall be accessible for service and maintenance as required by applicable sections of NFPA standards.

The "master" gauges shall be suitably enclosed and mounted on a full pump compartment width "hinged" gauge panel constructed of the same material as the pump operators control panel,

allowing access to the backside of all gauges and gauge lines. The individual gauges shall be mounted in line with the control handle or adjacent to the control handle. Panel is to include a stainless steel piano hinge, flush mounted chrome plated trigger latch, and stainless steel cable end stops. Electrical wiring and all gauge lines shall be properly tie wrapped to prevent kinking or cutting of the lines when the panel is opened.

The following controls and equipment as specified in the specifications, shall be provided on the pump panel or within the pump enclosure:

- Primer.
- Pump and plumbing area service lights.
- Pressure control device and throttle control.
- Fire pump and engine instruments.
- Pump intakes and discharge controls.
- Master intake and discharge gauges.
- Tank fill control.
- Tank suction control.
- Water tank level gauge.
- Pump panel lights.

CROSSLAY INSTALLATION

The dunnage area atop the pump enclosure shall be notched for the installation of a cross lay hose bed. The hosebed shall have smooth sides and a perforated floor to allow for drainage. Provisions shall be provided to secure hose and equipment per requirements of applicable NFPA standards.

OPEN DUNNAGE COMPARTMENT -- OVER PUMP ENCLOSURE

An open compartment shall be located on the top of the pump module. The compartment will be constructed as large as space permits with removable slip resistance floor material or decking in the base of the compartment.

LEFT SIDE RUNNING BOARD -- SIDE MOUNT PANEL

The left side mount pump panel shall be equipped with side running board. The running board will extend along the width of the pump enclosure from the forward end of the body module to behind the chassis cab.

The running board shall be constructed of aluminum tread plate, bolted in place with stainless steel fasteners. The step surfaces shall be in compliance with applicable sections of NFPA requirements.

RIGHT SIDE RUNNING BOARD -- SIDE MOUNT PANEL

The right side mount pump panel shall be equipped with side running board. The running board will extend along the width of the pump enclosure from the forward end of the body module to behind the chassis cab.

The running board shall be constructed of aluminum tread plate, bolted in place with stainless steel fasteners. The step surfaces shall be in compliance with applicable sections of NFPA requirements.

PUMP SLIDE OUT STEP -- LEFT SIDE

A slide out step assembly shall be installed on the left side pump panel using roller bearing slide tracks. The step shall be fabricated of slip resistant NFPA compliant grating, and shall extend out approximately 14" and lock in both the in and out positions.

PUMP ENCLOSURE ACCESS DOOR -- LEFT SIDE UPPER

A pump panel access door shall be provided on the upper left side of the side mount pump enclosure. The access door shall be approximately 18" high and as wide as possible. The door shall be constructed aluminum coated with black Line-X with push button type latches.

PUMP ENCLOSURE ACCESS DOOR -- RIGHT SIDE UPPER

A pump panel access door shall be provided on the upper right side of the side mount pump enclosure. The access door shall be approximately 18" high and as wide as possible. The door shall be constructed aluminum coated with black Line-X with push button type latches.

PUMP PANEL -- SIDE MOUNT

The pump operator's panel, along with the lower left hand and right hand pump panels shall be constructed of Line-X aluminum material and be fastened to the pump enclosure with 1/4" stainless steel bolts.

The instrument area shall have a stainless steel continuous hinge that shall swing for easy access to gauges.

LEFT SIDE PUMP PANEL -- BOLTED

The pump panel installed on the left hand side of the pump enclosure shall be fastened to the pump enclosure with 1/4" stainless steel bolts.

HINGED PUMP PANEL -- RIGHT SIDE

The pump panel installed on the on the right hand side of the pump enclosure shall be hinged with push-button latches.

LABELS

Safety, information, data, and instruction labels for apparatus shall be provided and installed at the operator's instrument panel.

The labels shall include rated capacities, pressure ratings, and engine speeds as determined by the certification tests. The no-load governed speed of the engine, as stated by the engine manufacturer, shall also be included.

The labels shall be provided with all information and be attached to the apparatus prior to delivery.

COLOR CODED PUMP PANEL LABELING AND NAMEPLATES

Discharge and intake valve controls shall be color coded in compliance to guidelines of applicable sections of NFPA standards.

Innovative Controls permanent type nameplates and instruction panels shall be installed on the pump panel for safe operation of the pumping equipment and controls.

MIDSHIP PUMP PANEL LIGHTS -- LEFT SIDE

Three (3) Techiq E10-W0001-1 or equal LED lights with clear lenses shall be installed under an instrument panel light hood on the left side pump panel. The lights shall be controlled by a switch located on the operator's instrument panel.

MIDSHIP PUMP PANEL LIGHTS -- RIGHT SIDE

Two (2) Tecniq E10-W0001-1 or equal LED lights with clear lenses shall be installed under an instrument panel light hood on the right side pump panel. The lights shall be controlled by a switch located on the operator's instrument panel.

PUMP ENGAGED LIGHT

One (1) pump panel light shall be illuminated at the time the fire pump is engaged into operation. The remaining lights shall be controlled by a switch located on the operator's instrument panel.

MASTER DISCHARGE AND INTAKE GAUGES

Two (2) 4" diameter IC discharge pressure and intake gauges (30"-0-600 PSI) shall be provided. The face of the gauge shall be a WHITE dial with black letters. The gauges will be located on the pump instrument panel.

The master gauges shall have clear scratch resistant molded crystals with captive O-ring seals shall be used to ensure distortion free viewing and to seal the gauge. The gauges shall be filled with a synthetic mixture to dampen shock and vibration, lubricate the internal mechanisms, prevent lens condensation and ensure proper operation from -40°F to +160°F. Each gauge shall exceed ANSI B40.1 Grade A requirements with an accuracy of +/- 1.5% full scale and include a size appropriate phosphorous bronze bourdon tube with a reinforced lap joint and large tube base to increase the tube life and gauge accuracy. A polished chrome-plated brass bezel shall be provided to prevent corrosion and protect the lens and gauge case.

TEST TAPS

Test taps for pump intake and pump pressure shall be provided on the pump instrument panel and be properly labeled.

WATER TANK GAUGE

A Fire Research Tank Vision Pro model WLA300-A00 tank indicator kit shall be installed on the pump panel. The kit shall include an electronic indicator module, a pressure sensor, and a 10' sensor cable. The indicator shall show the volume of water in the tank on nine (9) easy to see super bright RGB LEDs. A wide view lens over the LEDs shall provide for a viewing angle of 180 degrees. The indicator case shall be waterproof, manufactured of Polycarbonate/Nylon material, and have a distinctive blue label.

The program features shall be accessed from the front of the indicator module. The program shall support self-diagnostics capabilities, self-calibration, six (6) programmable colored light patterns to display tank volume, adjustable brightness control levels and a datalink to connect remote indicators. Low water warnings shall include flashing LEDs at 1/4 tank, down chasing LEDs when the tank is almost empty, and an output for an audio alarm.

The indicator shall receive an input signal from an electronic pressure sensor. The sensor shall be mounted from the outside of the water tank near the bottom. No probe shall place on the interior of the tank. Wiring shall be weather resistant and have automotive type plug-in connectors.

WATER TANKS

WATER TANK

The apparatus shall be equipped with a rectangular tank.

WATER TANK - 400 GALLON

The apparatus shall be equipped with a four-hundred (400) gallon polypropylene water tank. The tank shall be equipped with a three-inch (3") overflow pipe. The tank body and end bulkheads shall be constructed of .5" thick, polypropylene, nitrogen-welded and tested inside and out. Tank construction shall conform to applicable NFPA standards. The tank shall carry a lifetime warranty.

The transverse and longitudinal .375" thick swash partitions shall be interlocked and welded to each other as well as to the walls of the tank. The partitions shall be designed and equipped with vent holes to permit air and liquid movement between compartments.

The .5" thick cover shall be recessed .375" from the top of the side walls. Hold down dowels shall extend through and be welded to both the covers and the transverse partitions, providing rigidity during fast fill operations. Drilled and tapped holes for lifting eyes shall be provided in the top area of the booster tank.

The water fill tower shall be provided at front of the tank. The 0.5" thick polypropylene fill and overflow tower shall be equipped with a hinged lid and a removable polypropylene screen. The overflow tube shall be installed in fill tower and piped with schedule 40 PVC pipe through the tank.

The water tank sump shall be located in the forward area of the tank. There will be a schedule 40 polypropylene tank suction pipe from the front of the tank to the tank sump. The tank drain and clean out shall be a 3.0" IPT schedule 80 female flange with plug, located in the bottom of the tank sump.

The pump to tank refill connection shall be a sized to mate with tank fill discharge line. A deflector shield inside the tank will also be provided.

The water tank manufacturer shall certify the capacity of the water tank prior to delivery of the apparatus. This capacity shall be recorded on the manufacturer's record of construction and the certification shall be provided to the purchaser when the apparatus is delivered.

WATER TANK FILL TOWER

A fill tower measuring approximately 10" x 10" square shall be provided on the water tank up to and including 500 gallons total capacity.

The apparatus shall be equipped with a polypropylene water tank. The tank body and end bulkheads shall be constructed of .75" thick, polypropylene, nitrogen-welded and tested inside and out. Tank construction shall conform to applicable NFPA standards. The tank shall carry a lifetime warranty.

The transverse and longitudinal .375" thick swash partitions shall be interlocked and welded to each other as well as to the walls of the tank. The partitions shall be designed and equipped with vent holes to permit air and liquid movement between compartments.

The .5" thick cover shall be recessed .375" from the top of the side walls. Hold down dowels shall extend through and be welded to both the covers and the transverse partitions, providing rigidity during fast fill operations. Drilled and tapped holes for lifting eyes shall be provided in the top area of the booster tank.

A combination vent/water fill tower shall be provided at front of the tank. The 0.5" thick polypropylene fill and overflow tower shall be equipped with a hinged lid and a removable polypropylene screen. The overflow tube shall be installed in fill tower and piped with a minimum schedule 40 PVC pipe through the tank.

The water tank sump shall be located in the forward area of the tank. There will be a schedule 40 polypropylene tank suction pipe from the front of the tank to the tank sump. The tank drain and clean out shall be located in the bottom of the tank sump. The sump shall have a minimum 3" threaded outlet on the bottom to be used for a combination clean out and drain.

The pump to tank refill connection shall be a sized to mate with tank fill discharge line. A deflector shield inside the tank will also be provided.

The tank shall rest on the body cross members in conjunction with such additional cross members, spaced at a distance that would not allow for more than 530 square inches of unsupported area under the tank floor. In cases where overall height of the tank exceeds 40 inches, cross member spacing must be decreased to allow for not more than 400 square inches of unsupported area.

The tank must be isolated from the cross members through the use of hard rubber strips with a minimum thickness and width dimension of 1/4" x 1" and a hardness of approximately 60 durometer. The rubber must be installed so it will not become dislodged during normal operation of the vehicle. Additionally, the tank must be supported around the entire bottom outside perimeter and captured both in the front and rear as well as side to side to prevent tank from shifting during vehicle operation.

A picture frame type cradle mount with a minimum of 2" x 2" x 1/4" mild steel, stainless steel, or aluminum angle shall be provided or the use of corner angles having a minimum dimension of 4" x 4" x 1/4" by 6" high are permitted for the purpose of capturing the tank.

Although the tank is designed on a free floating suspension principle, it is required that the tank have adequate vertical hold down restraints to minimize movement during vehicle operation. If proper retention has not been incorporated into the apparatus hose floor structure, an optional mounting restraint system shall be located on top of the tank, half way between the front and the rear on each side of the tank. These stops can be constructed of steel, stainless steel or aluminum

angle having minimum dimensions of 3" x 3" x 1/4" and shall be approximately 6" to 12" long. These brackets must incorporate rubber isolating pads with a minimum thickness of 1/4" inch and a hardness of 60 durometer affixed on the underside of the angle. The angle should then be bolted to the body side walls of the vehicle while extending down to rest on the top outside edge of the upper side wall of the tank.

Hose beds floors must be so designed that the floor slat supports extend full width from side wall to side wall and are not permitted to drop off the edge of the tank or in any way come in contact with the individual covers where a puncture could occur. Tank top must be capable of supporting loads up to 200 lbs per sq. foot when evenly distributed. Other equipment such as generators, portable pumps, etc. must not be mounted directly to the tank top unless provisions have been designed into the tank for that purpose. The tank shall be completely removable without disturbing or dismantling the apparatus structure.

The tank construction shall include PolyProSeal™ technology wherein a sealant shall be installed between the plastic components prior to being fusion welded. This sealing method shall provide a liquid barrier, offering leak protection in the event of a weld compromise.

The tank shall be equipped with Polychromatic fill towers. The water fill tower shall be blue in color. The foam tank fill towers, if applicable, shall be yellow for foam A and green for foam B and black for any additional foam fill towers.

The water tank shall be certified for the capacity of the water tank prior to delivery of the apparatus. This capacity shall be recorded on the manufacturer's record of construction and the certification shall be provided to the purchaser when the apparatus is delivered.

The tank shall be manufactured by United Plastic Fabricating (UPF).

CHASSIS REQUIREMENTS FOR AERIAL APPARATUS

The following items shall be included with the chassis to operate the aerial device:

- Truck chassis with a selectable high idle system. High idle to be set at 1,200 rpm
- A red warning light installed in the driving compartment and visible to the driver to indicate if any outrigger is not in the stowed position.
- There shall be a (hot shift) PTO system mounted to the chassis transmission. The PTO assembly shall supply power to the hydraulic pump for all aerial operations. Electrical safety wiring shall be installed that requires the transmission be in neutral, or the fire pump engaged, and the parking brake set before the PTO will operate.
- A PTO engaged indicator light shall be installed in the cab of the apparatus.

BODY BUILDER REQUIREMENTS FOR AERIAL APPARATUS

The following items shall be installed by the body builder for the aerial device:

- Outrigger plates shall be installed on heavy aluminum brackets and installed adjacent to each outrigger.
- A preset relief valve capable of protecting the waterway system by relieving pressure through the dumping of water to the environment. Relief valve shall be plumbed to dump excess water below chassis frame. (N/A if the rear connection is an inlet only)
- A 1-1/2-inch minimum drain valve shall be installed at the low point of the waterway inlet system. Handle to operate drain valve shall be extended to rear of body.
- Reflective striping shall be installed on all stabilizers that protrude beyond the body of the apparatus.
- Warning signs for the aerial and outriggers shall be installed to meet the aerial manufacturer recommendations.

The following items are not required with the Smart Aerial application:

- A leveling bubble shall be installed on the rear of the truck, for side to side leveling.
- A leveling bubble shall be installed at the pump operator's panel, for front to rear leveling.
- There shall be a ladder alignment indicator provided on the turntable to indicate when the ladder is aligned with the travel support and may be lowered into it.

OUTRIGGER PAD STORAGE

Two (2) aluminum outrigger pad storage brackets capable of holding one (1) outrigger pad each shall be installed. There shall be one storage bracket located adjacent to each outrigger in an easily accessible location.

SAFETY HARNESS

All NFPA required life safety harnesses shall be provided and mounted by the Customer before the apparatus is placed into service.

MODULAR BODY

1/8" ALUMINUM BODY

The body shall be fabricated of aluminum extrusions, smooth aluminum sheet and aluminum treadplate.

The aluminum extrusion alloy shall be 6061 with a temper rating of T6, and have a tensile strength of 45,000 PSI and yield strength of 40,000 pounds. The aluminum extrusions shall 3" x 3" aluminum tubing, 1-3/4" x 3" aluminum tubing and 3" x 3" aluminum angle and specially designed extrusions, up to .250" wall thickness where applicable.

The smooth aluminum sheet material alloy shall be 5052 with a temper rating of H32, and have a tensile strength of 33,000 PSI and yield strength of 28,000 pounds.

The aluminum treadplate alloy shall be 3003 with a temper rating of H22, and have a tensile strength of 30,000 PSI and yield strength of 28,000 pounds.

The extrusions shall be designed as structural-framing members with the smooth aluminum and treadplate fabricated to form compartments, hosebeds, and floors. All aluminum material shall be welded together using the latest mig spray pulse arc welding system.

Compartment floors shall be of the sweep out design with the floor higher than the compartment door lip and to be water and dust proof. All compartments shall be made to the maximum practical dimensions to provide maximum storage capacity. To ensure maximum storage space, the apparatus shall be constructed without any void spaces between the body and the compartment walls. Double wall construction does not meet this requirement.

All exterior compartments shall have polished aluminum drip moldings installed above the doors where necessary to prevent water from entering the compartments.

Wheel well panels shall be formed aluminum that is welded in place. There shall be no visible bolt heads, retention nuts or fasteners on the exterior surface of the panel. To fully protect the wheel well area from road debris and to aid in cleaning, a full depth radius wheel well liner shall be provided. The frame side of the wheel well area on each side of the opening shall be attached to the frame side of the front and rear compartments. All seams on the frame side of the body shall be welded and caulked to prevent moisture from entering the compartments.

The rear wheel wells shall be radius cut for a streamlined appearance. A fenderette shall be furnished at each rear wheel well opening, held in place with stainless steel fasteners.

FASTENERS

All aluminum and stainless steel components shall be attached using stainless steel fasteners.

Compartment door hinges, handrails and running boards shall be attached using minimum 1/4" diameter machine bolt fasteners.

3/16" diameter fasteners shall only be used in nonstructural areas such as door handles, trim moldings, gauge mounting, etc.

OUTRIGGER COVERS

Brushed stainless steel covers shall be attached to the extending outrigger assemblies.

COMPARTMENT FLOORS

The compartment floors shall be constructed of smooth aluminum material, to match the compartment interior walls.

SINGLE AXLE WHEEL AREA

For ease of accessibility and maintenance, wheel well panels shall be double break formed painted smooth plate that is welded in place.

To fully protect the wheel well area from road debris and to aid in cleaning, a full depth (minimum of 25") radius wheel well liner shall be provided. Wheel well liner shall be smooth aluminum to prevent corrosion.

FENDERETTES

The rear wheel wells shall be radius cut for a streamlined appearance. A polished aluminum fenderette shall be furnished at each rear wheel well opening, held in place with concealed stainless steel fasteners.

HOSEBED STORAGE AREA

The apparatus hosebody is to be properly reinforced without the use of angles or structural shapes, and free from all projections which might injure the fire hose.

The main hosebody of the aerial unit shall run along the right side of the apparatus body, above the lower body compartments. The width of the hosebed shall be from the side wall of the aerial torque box to the side sheet of the apparatus body.

ALUMINUM HOSEBED GRATING

The hose bed compartment deck shall be constructed entirely from maintenance-free, extruded aluminum slats. The slats shall have an anodized, radiused ribbed top surface. The slats shall be of widths approximately 3/4" high x 7.5" wide and shall be welded into a one-piece grid system to prevent the accumulation of water and allow ventilation to assist in drying hose.

HOSBED COVER

The hosebed cover shall be secured utilizing a Velcro fastening system at the front and sides of the hosebed body.

The vinyl cover shall be red in color.

SINGLE AXLE SUBFRAME AERIAL BODY

The apparatus body subframe shall be constructed entirely of heavy steel structural channel material.

The front subframe shall be attached to the chassis frame rails using heavy "U" bolt fasteners to allow removal of the subframe and body assembly from the chassis. There shall be a barrier provided between the subframe and body to prevent electrolysis.

The rear subframe and lower body platform support members shall be fabricated of 3.4 lb. per foot heavy channel and bolted to the frame rails.

This steel subframe shall carry the weight of the apparatus body, tank, water and equipment. This method of apparatus construction gives an excellent strength/weight ratio.

BODY WIDTH

The overall width of the aerial body shall not exceed 102".

COMPARTMENT DEPTH

The lower portion of the side compartments on the aerial body shall be 26" deep.

COMPARTMENT DEPTH

The side compartments on the aerial body shall be 26" deep the full height of the compartments.

COMPARTMENT DEPTH

The side compartments on the aerial body shall have the maximum available height and depth dimensions. These dimensions shall remain consistent for the full height and depth of the compartment.

ROLL UP DOOR CONSTRUCTION

The roll up door(s) shall be fabricated from aluminum extrusions and be manufactured and assembled in the United States.

The door slats shall be double-wall extrusions with dimensions of 1.366" high x .315" thick. The exterior surface shall be flat and the interior surface concave to deflect loose equipment to prevent the door from jamming. Each slat shall have interlocking end shoes to prevent the slat from moving side to side resulting in binding of the door. Each slat shall be separated by a co-

extruded PVC and rubber inner seal to prevent metal to metal contact and minimize dirt and moisture from entering the compartment. The inner seal shall not be visible from the exterior to maintain a clean appearance of door. The slats shall have interlocking joints with a folding locking flange to provide security and prevent penetration by sharp objects.

The track shall be a one (1) piece aluminum assembly that has an attaching flange and finishing flange incorporated into the design that facilitates installation and provides a finished look to the door without additional trim or caulking. A low profile side seal shall be utilized to maximize usable compartment space.

A drip rail designed to prevent water from dripping into the compartment shall be provided. The drip rail shall have a built in replaceable non-contacting seal to eliminate scratching of the surface of the door.

Bottom rail extrusion must have smooth back to prevent loose equipment from jamming the door and have “V” shaped double seal to prevent water and debris from entering the compartment. The door latch system shall be a full width one (1) piece lift bar that enables the user to operate with one hand.

The roll mechanism shall have a clip system that connects the curtain slats to the operator drum to allow for easy tension adjustment without tools. A four (4) inch diameter counterbalanced operator drum to shall be incorporated to assist in lifting the door.

LEFT FRONT COMPARTMENT

There shall be two (2) full height compartments located at the front of the apparatus body. Each compartment shall be equipped with a full height single natural finish roll up door.

The compartments shall be equipped with the following:

LEFT FRONT COMPARTMENT

There shall be one (1) full height compartment located at the front of the body. The compartment shall be equipped with a full height single natural finish roll up door.

The compartment shall be equipped with the following:

One (1) louver with filter shall be installed in the compartment.

ADJUSTABLE SHELVING TRACKS

The compartments shall be equipped with two (2) aluminum adjustable tracks, vertically mounted, that are bolted in place for adjustable shelving and equipment mounting.

COMPARTMENT LIGHTS

Two (2) ROM vertically mounted roll-up compartment LED V3 door lights shall be installed one each side of the door opening. The compartment lights shall be integrated into the roll-up door tracks with the light actuation with the door opening.

The lights shall have a polycarbonate lens to eliminate breakage from impact and eliminate heat buildup.

The compartment light will be controlled by an automatic "On-Off" switch located on each compartment door.

LEFT FRONT COMPARTMENT

There shall be one (1) full height compartment located forward of the rear wheels. The compartment shall be equipped with a full height single natural finish roll up door.

The compartment shall be equipped with the following:

One (1) louver with filter shall be installed in the compartment.

ADJUSTABLE SHELVING TRACKS

The compartments shall be equipped with two (2) aluminum adjustable tracks, vertically mounted, that are bolted in place for adjustable shelving and equipment mounting.

COMPARTMENT LIGHTS

Two (2) ROM vertically mounted roll-up compartment LED V3 door lights shall be installed one each side of the door opening. The compartment lights shall be integrated into the roll-up door tracks with the light actuation with the door opening.

The lights shall have a polycarbonate lens to eliminate breakage from impact and eliminate heat buildup.

The compartment light will be controlled by an automatic "On-Off" switch located on each compartment door.

LEFT HIGH SIDE COMPARTMENTS

There shall be one (1) compartment above the rear wheels. The compartment shall be equipped with a single natural finish roll up door.

The compartment shall be equipped with the following:

One (1) louver with filter shall be installed in the compartment.

**ADJUSTABLE SHELVING TRACKS**

The compartments shall be equipped with two (2) aluminum adjustable tracks, vertically mounted, that are bolted in place for adjustable shelving and equipment mounting.

COMPARTMENT LIGHTS

Two (2) ROM vertically mounted roll-up compartment LED V3 door lights shall be installed one each side of the door opening. The compartment lights shall be integrated into the roll-up door tracks with the light actuation with the door opening.

The lights shall have a polycarbonate lens to eliminate breakage from impact and eliminate heat buildup.

The compartment light will be controlled by an automatic "On-Off" switch located on each compartment door.

LEFT REAR COMPARTMENT

There shall be one (1) full height compartment located behind the rear wheels. The compartment shall be equipped with a single full height natural finish roll up door.

The compartment shall be equipped with the following:

One (1) louver with filter shall be installed in the compartment.

ADJUSTABLE SHELVING TRACKS

The compartments shall be equipped with two (2) aluminum adjustable tracks, vertically mounted, that are bolted in place for adjustable shelving and equipment mounting.

COMPARTMENT LIGHTS

Two (2) ROM vertically mounted roll-up compartment LED V3 door lights shall be installed one each side of the door opening. The compartment lights shall be integrated into the roll-up door tracks with the light actuation with the door opening.

The lights shall have a polycarbonate lens to eliminate breakage from impact and eliminate heat buildup.

The compartment light will be controlled by an automatic "On-Off" switch located on each compartment door.

ACCESS LADDER

There shall be a swing out and down access ladder supplied and installed on the left side apparatus, for accessing the aerial turntable. It shall be of an all-aluminum design and shall incorporate treads six (6") inches deep and no more than eighteen (18") inches apart. The ground to the first step dimension, on level ground, shall be no more than eighteen (18") inches.

The access ladder shall have integrated hand holds in the steps, to aid in the ascent/descent of the ladder.

When in the deployed position the ladder shall have an angle of approximately 75-degrees to facilitate ascending and descending the ladder. The ladder shall be retained in the stowed and deployed position by two (2) gas cylinders and shall not require the use of latches to hold it in position.

RIGHT FRONT COMPARTMENT

There shall be two (2) low compartments located ahead of the rear wheels. Each compartment shall be equipped with a single natural finish roll up door.

The compartment shall be equipped with the following:

RIGHT FRONT COMPARTMENT

There shall be one (1) low compartment located at the front of the body. The compartment shall be equipped with a single natural finish roll up door.

The compartment shall be equipped with the following:

One (1) louver with filter shall be installed in the compartment.

ADJUSTABLE SHELVING TRACKS

The compartments shall be equipped with two (2) aluminum adjustable tracks, vertically mounted, that are bolted in place for adjustable shelving and equipment mounting.

COMPARTMENT LIGHTS

Two (2) ROM vertically mounted roll-up compartment LED V3 door lights shall be installed one each side of the door opening. The compartment lights shall be integrated into the roll-up door tracks with the light actuation with the door opening.

The lights shall have a polycarbonate lens to eliminate breakage from impact and eliminate heat buildup.

The compartment light will be controlled by an automatic "On-Off" switch located on each compartment door.

RIGHT FRONT COMPARTMENT

There shall be one (1) low compartment located ahead of the rear wheels. The compartment shall be equipped with a single natural finish roll up door.

The compartment shall be equipped with the following:

One (1) louver with filter shall be installed in the compartment.

ADJUSTABLE SHELVING TRACKS

The compartments shall be equipped with two (2) aluminum adjustable tracks, vertically mounted, that are bolted in place for adjustable shelving and equipment mounting.

COMPARTMENT LIGHTS

Two (2) ROM vertically mounted roll-up compartment LED V3 door lights shall be installed one each side of the door opening. The compartment lights shall be integrated into the roll-up door tracks with the light actuation with the door opening.

The lights shall have a polycarbonate lens to eliminate breakage from impact and eliminate heat buildup.

The compartment light will be controlled by an automatic "On-Off" switch located on each compartment door.

RIGHT OVERWHEEL COMPARTMENT

There shall be no compartment above the rear wheels.

RIGHT REAR COMPARTMENT

There shall be one (1) low compartment located behind the rear wheels. The compartment shall be equipped with a single natural finish roll up door.

The compartment shall be equipped with the following:

One (1) louver with filter shall be installed in the compartment.

ADJUSTABLE SHELVING TRACKS

The compartments shall be equipped with two (2) aluminum adjustable tracks, vertically mounted, that are bolted in place for adjustable shelving and equipment mounting.

COMPARTMENT LIGHTS

Two (2) ROM vertically mounted roll-up compartment LED V3 door lights shall be installed one each side of the door opening. The compartment lights shall be integrated into the roll-up door tracks with the light actuation with the door opening.

The lights shall have a polycarbonate lens to eliminate breakage from impact and eliminate heat buildup.

The compartment light will be controlled by an automatic "On-Off" switch located on each compartment door.

REAR COMPARTMENT

There shall be one (1) compartment located at the rear of the apparatus. The compartment, located within the aerial torque box, shall have provisions to accommodate ladders and pike poles.

The compartment shall be equipped with a natural finish roll up door.

COMPARTMENT LIGHTS

Two (2) ROM vertically mounted roll-up compartment LED V3 door lights shall be installed one each side of the door opening. The compartment lights shall be integrated into the roll-up door tracks with the light actuation with the door opening.

The lights shall have a polycarbonate lens to eliminate breakage from impact and eliminate heat buildup.

The compartment light will be controlled by an automatic "On-Off" switch located on each compartment door.

SLIDE OUT REAR LADDER AERIAL TORQUE BOX

Ground ladders and pike poles shall be accessed from the rear of the apparatus. All ladders shall be mounted on individual brackets and slide on composite material so as not to damage the main beams of the ladders. Pike poles and the folding ladder shall be stored in individual storage area. Ladders shall have stops provided on the front of all slides so ladders will not slide forward during emergency braking conditions.

LADDER SOURCE

New ground ladders shall be provided by the body builder.

PIKE POLE MOUNTING BRACKET

Six (6) tube shall be provided for pike pole mounting. The tube shall have a 2" interior diameter and shall be mounted inside of the apparatus body.

PIKE POLE SOURCE

The pike poles shall be provided by the body builder.

AERIAL REAR BUMPER

A 4" rear bumper shall be provided at the rear of the apparatus body, and be easily removable for replacement or repair. The rear bumper shall be constructed of .188" aluminum diamond plate or equal non-slip surface in compliance with NFPA #1901 standards.

FRONT BODY PROTECTION PANELS

Aluminum tread plate overlays and panels shall be installed on the front of the body compartment from the lower edge to the top of the compartment doors.

CATWALKS - DOOR HEADER

The door header and the top of the compartments shall be aluminum treadplate.

REAR BODY PROTECTION PANELS

The rear body panels of the body shall be a smooth material, to allow for the proper application and installation of a "Chevron" stripe on the rear.

FOLDING STEPS LEFT SIDE FRONT

Three (3) folding steps of die cast high-strength zinc/aluminum alloy, plated with a superior automotive grade chrome finish shall be provided. The greater than 42 sq. in. serrated non-skid step traction area also offers an oversized non-slip grasp hand-hold. A heavy duty stainless steel spring design firmly holds the step in the open or closed positions. A rubber stop prevents any transit noise and rattles in the closed position. Step lighting shall be from a Truck Lite light mounted below the step.

The step has been third part tested to assure conformation of NFPA 1901 and FHA, 49CFR specifications for stepping surfaces and handhold.

The step shall be installed on the left side front compartment face.

FOLDING STEP RIGHT FRONT

Four (4) folding steps of die cast high-strength zinc/aluminum alloy, plated with a superior automotive grade chrome finish shall be provided. The greater than 42 sq. in. serrated non-skid step traction area also offers an oversized non-slip grasp hand-hold. A heavy duty stainless steel spring design firmly holds the step in the open or closed positions. A rubber stop prevents any transit noise and rattles in the closed position. Step lighting shall be from a Truck Lite light mounted below the step.

The step has been third part tested to assure conformation of NFPA 1901 and FHA, 49CFR specifications for stepping surfaces and handhold.

The step shall be installed on the right side front compartment face.

EXTRUDED ALUMINUM RUB RAILS

Full body length polished aluminum rub rails shall be bolted in place on the lower right and left body sides. The side rub rails shall be a heavy extruded aluminum "C" channel.

NYLON SPACERS FOR RUB RAILS

There shall be nylon spacers provided between the rub rail and the body. This shall allow wash out and replacement in the event of damage.

FUEL TANK ACCESS PANEL

There shall be a removable panel in the bottom of the torque tube, used to gain access to the fuel tank and fuel gauge-sending unit.

FUEL PIPING AND FILL CAP

There shall be a fuel fill cap provided in the recessed area of the left side aerial egress steps clearly marked, "DIESEL FUEL ONLY". The fill shall be piped to the fuel tank.

WHEEL WELL PROVISION LOCATION

The wheel well provisions shall be located on the left side of the apparatus, ahead of the rear wheels.

A Fire Shopp Inc. breathing air cylinder storage compartment shall be provided in the rear wheel well area of the apparatus body.

The compartment shall be constructed black polymer and removable for repair or replacement.

The compartment shall be provided with SCBA cylinder scuff protection. A brushed stainless steel door shall be provided.

7.75" diameter opening
101 body 26" deep
98 body 24.50" deep
95 body 23" deep

An one-inch (1") wide loop of black webbing shall be installed in each SCBA compartment to prevent the bottle from sliding out of the compartment in case of door failure. The loop shall be mounted, centered in the compartment and shall hang within one-inch (1") of the compartment floor to allow the bottle to pass by the strap when the bottle is placed in the compartment. The strap shall loop over the valve.

WHEEL WELL PROVISION LOCATION

The wheel well provisions shall be located on the left side of the apparatus, behind of the rear wheels.

A Fire Shopp Inc. breathing air cylinder storage compartment shall be provided and located in the rear wheel well of the apparatus body.

The cylinder storage compartment shall be constructed entirely of black polymer. The door assemblies shall be provided with a gasket between door and body side, bolted in-place and removable for repair or replacement.

Compartment shall be provided with SCBA cylinder scuff protection. A brushed stainless steel door shall be provided.

An one-inch (1") wide loop of black webbing shall be installed in each SCBA compartment to prevent the bottle from sliding out of the compartment in case of door failure. The loop shall be mounted, centered in the compartment and shall hang within one-inch (1") of the compartment floor to allow the bottle to pass by the strap when the bottle is placed in the compartment. The strap shall loop over the valve.

WHEEL WELL PROVISION LOCATION

The wheel well provisions shall be located on the right side of the apparatus, ahead of the rear wheels.

A Fire Shopp Inc. breathing air cylinder storage compartment shall be provided in the rear wheel well area of the apparatus body.

The compartment shall be constructed black polymer and removable for repair or replacement.



The compartment shall be provided with SCBA cylinder scuff protection. A brushed stainless steel door shall be provided.

7.75" diameter opening
101 body 26" deep
98 body 24.50" deep
95 body 23" deep

An one-inch (1") wide loop of black webbing shall be installed in each SCBA compartment to prevent the bottle from sliding out of the compartment in case of door failure. The loop shall be mounted, centered in the compartment and shall hang within one-inch (1") of the compartment floor to allow the bottle to pass by the strap when the bottle is placed in the compartment. The strap shall loop over the valve.

WHEEL WELL PROVISION LOCATION

The wheel well provisions shall be located on the right side of the apparatus, behind of the rear wheels.

A Fire Shopp Inc. breathing air cylinder storage compartment shall be provided in the rear wheel well area of the apparatus body.

The compartment shall be constructed black polymer and removable for repair or replacement.

The compartment shall be provided with SCBA cylinder scuff protection. A brushed stainless steel door shall be provided.

7.75" diameter opening
101 body 26" deep
98 body 24.50" deep
95 body 23" deep

An one-inch (1") wide loop of black webbing shall be installed in each SCBA compartment to prevent the bottle from sliding out of the compartment in case of door failure. The loop shall be mounted, centered in the compartment and shall hang within one-inch (1") of the compartment floor to allow the bottle to pass by the strap when the bottle is placed in the compartment. The strap shall loop over the valve.

PAINT – LETTERING and STRIPING

BODY PAINT PROCESS

All bright metal fittings, if unavailable in stainless steel shall be heavily chrome plated. Iron fittings shall be copper plated prior to chrome plating. If applicable, any and all accessory times shall be removed from the body prior to cleaning and painting. Any accessory items that are to be painted, shall be painted separately and installed after the body is painted and cured.

All seams shall be caulked, both inside and along the exterior edges, with a urethane automotive sealant to prevent moisture from entering between any body panels.

The body and all parts shall be thoroughly washed with a grease cutting solvent (PPG CFX436) prior to any sanding. After the body has been sanded and the weld marks and minor imperfections are filled and sanded, the body shall be washed again with (PPG CFX436) to remove any contaminants on the surface.

The next two to four coats (depending on need) shall be a PPG DelFleet F4936 High Solids Epoxy Gray Primer. The film build shall be 4-6 mils when dry. The primer surfacer coat, after appropriate dry time, shall be sanded with 320-600 grit sandpaper to ensure maximum gloss of the paint. The last step is the application of at least three coats of PPG DelFleet polyurethane FBC-color, the film build being 2-3 mils dry. Followed by three coats PPG DelFleet F3906 high build clear, the film build being 2-3 mils dry. This shall provide a UV barrier to prevent fading and chalking.

All products and technicians are certified by PPG every two (2) years.

APPARATUS COLOR

The apparatus shall be ____ in color.

MATCH CHASSIS RED

INTERIOR COMPARTMENT FINISH

Ten (10) apparatus side compartment interiors are to be painted with a spatter finish material. The compartments shall be cleaned with a grease remover, and then the surface sanded and prepared for painting. The compartment shall be provided with two (2) coats of white epoxy. The compartments are then coated with a splatter paint top coat.

WHEEL PAINTING

The exterior faces of the front wheels and outer rear wheels only, shall be finish painted to match the apparatus body. Wheels shall be properly prepared and finished with primer coats and top coats as specified.

TOUCH-UP PAINT

One (1) two (2) ounce bottle of touch-up paint shall be furnished with the completed truck at final delivery.

LETTERING

The dealer shall supply the apparatus lettering.

REFLECTIVE STRIPING

A 1" x 6" x 1" wide 3M brand Scotchlite reflective multi-stripe shall be affixed to the perimeter of the vehicle. There shall be a 1" gap between each of the stripes. Striping shall conform to applicable NFPA requirements. At least 50% of the perimeter length of each side and width of the rear, and at least 25% of the perimeter width of the front of the vehicle shall have reflective striping.

The striping shall be applied in a large "Z" pattern.

COLOR OF STRIPING MATERIAL

The color of the striping material shall be white.

CHEVRON STRIPING

The entire rear portion of the body shall have 3M reflective striping installed. The chevron style striping shall be applied at a 45-degree upward angle pointing towards the center upper portion of the rear panel.

REFLECTIVE TAPE ON OUTRIGGERS

The outriggers that extend beyond the side of the body shall have white reflective tape applied to both the front and rear facing sides.

YELLOW SAFETY TAPE - STANDING & WALKING SURFACES

The apparatus shall meet NFPA 1901 15.7.1.6 designating any horizontal standing or walking surface higher than 48-in (1220 mm) from the ground and not guarded by railing or structure at

least 12-in (300 mm) high shall have at least a 1-in (25 mm) wide safety yellow line delineation that contrasts with the background to mark the outside perimeter of the designated standing or walking surface area, excluding steps and ladders.

AERIAL INSTRUCTION LABELS

Safety and instructional labels shall be applied at all necessary areas on the aerial device to identify points critical to the safe operation and maintenance of the aerial.

LEVELING GAUGE

A leveling gauge shall be installed on the rear to show when the apparatus is level from side to side. A second gauge shall be provided on the rear to show when the apparatus is level from front to back. The approximate size of the leveling gauges shall be 3" x 1-1/2".

LOOSE EQUIPMENT

WHEEL CHOCKS WITH MOUNTS

A pair of Zico Model SAC-44 Quic-Chok folding wheel chocks shall be provided and mounted under the apparatus body with model SQCH-44H horizontal mounting brackets.

ROOF LADDER

Two (2) Duo Safety Model 875-A, 16 foot aluminum roof ladder with folding steel roof hooks on one end and steel spikes on the other end shall be provided on the apparatus. The ladder shall meet or exceed all latest NFPA Standards.

EXTENSION LADDER

One (1) Duo-Safety Model 900-A, 24 foot two (2) section aluminum extension ladder shall be provided on the apparatus. The ladder shall meet or exceed all the latest NFPA standards.

EXTENSION LADDER

One (1) Duo-Safety Model 1225-A, 35 foot three (3) section aluminum extension ladder shall be provided on the apparatus. The ladder shall meet or exceed all the latest NFPA standards.

FOLDING LADDER

One (1) Duo Safety Model 585-A, 10 foot folding aluminum ladder shall be provided on the apparatus. The ladder shall meet or exceed all the latest NFPA Standards.

**COMBINATION LADDER**

One (1) Duo Safety Model 300-A, 10/15 foot combination aluminum ladder shall be provided on the apparatus. The ladder shall meet or exceed all the latest NFPA Standards.

PIKE POLE

Two (2) 4' pike pole with "D" handle shall be provided. The pike pole shall be of fiberglass construction.

PIKE POLE

One (1) 6' pike pole with round handle shall be provided. The pike pole shall be of fiberglass construction.

PIKE POLE

One (1) 8' pike pole with round handle shall be provided. The pike pole shall be of fiberglass construction.

PIKE POLE

One (1) 10' pike pole with round handle shall be provided. The pike pole shall be of fiberglass construction.

PIKE POLE

One (1) 12' pike pole with round handle shall be provided. The pike pole shall be of fiberglass construction.

WARRANTIES**PAINT WARRANTY FIVE YEAR**

The AKZO paint performance guarantee will cover the areas of the vehicle finished with the specified product for a period of FIVE (5) years beginning the day the vehicle is delivered to the purchaser.

The full apparatus chassis, manufactured and painted by Rosenbauer Motors, LLC, shall be covered for the following paint failures as outlined on the guarantee certificate:

- Peeling or delaminating of the topcoat and/or other layers of paint.

- Cracking or checking.
- Loss of gloss caused by cracking, checking, or hazing.
- Any paint failure caused by defective AKZO Fleet Finishes, which are covered by this guarantee.

All guarantee exclusions, limitations, and methods of claims are covered in the full certificate provided to the original purchaser.

Note: Surety bond, if required, will cover the standard one-year warranty period only and will not cover any extended warranties allowed by the seller or other component manufacturers.

CAB STRUCTURE WARRANTY

The cab structure shall be warranted for a period of ten (10) years with the complete details of the warranty outlined in a document provided upon request.

TRANSMISSION WARRANTY

The Allison EVS transmission shall be warranted for a period of five (5) years with the complete details of the warranty outlined in a document provided upon request.

ENGINE WARRANTY

The Cummins engine shall be warranted for a period of five (5) years or 100,000 miles, whichever comes first, with the complete details of the warranty outlined in a document provided upon request.

FRAME WARRANTY

The frame and cross members shall carry a lifetime warranty with the complete details of the warranty outlined in a document provided upon request.

FRONT AXLE WARRANTY

The front axle shall be warranted by Hendrickson for five (5) years or 500,000 miles, whichever comes first, under the general service application.

REAR AXLE WARRANTY

The rear axle(s) shall be warranted by Meritor for five (5) years with unlimited miles under the general service application.

CAB AND CHASSIS WARRANTY

The cab and chassis shall carry a twelve (12) month warranty providing limited parts and labor from the date the complete apparatus is delivered to the end user. The complete details of the warranty shall be outlined in a document provided upon request.

BODY WARRANTY

We warrant each new motorized fire apparatus manufactured by ROSENBAUER AMERICA, LLC for a period of ONE YEAR from the date of delivery, except for chassis and other components noted herein.

Under this warranty we agree to furnish any parts to replace those that have failed due to defective material or workmanship where there is no indication of abuse, neglect, unusual or other than normal service providing that such parts are, at the option of ROSENBAUER AMERICA, LLC, made available for our inspection at our request, returned to our factory or other location designated by us with transportation prepaid within thirty days after the date of failure or within one year from the date of delivery of the apparatus to the original purchaser, whichever occurs first, and inspection indicates the failure was attributed to defective material or workmanship.

The warranty on the chassis and chassis supplied components, storage batteries, generators, electrical lamps and other devices subject to deterioration is limited to the warranty of the manufacturer thereof and adjustments for the same are to be made directly with the manufacturer by the customer.

This warranty will not apply to any fire apparatus that has been repaired or altered outside our factory in any way, which in our opinion might affect its stability or reliability.

This warranty shall not apply to those items that are usually considered normal maintenance and upkeep services: including, but not limited to, normal lubrication or proper adjustment of minor auxiliary pumps or reels.

This warranty is in lieu of all other warranties, expressed or implied, and all other obligations or liabilities on our part. We neither assume nor authorize any person to assume for us any liability in connection with the sales of our apparatus unless made in writing by ROSENBAUER AMERICA, LLC.

ALUMINUM BODY WARRANTY - FIVE YEAR

Rosenbauer America, LLC warrants to the original purchaser only, that the all-aluminum body, fabricated by Rosenbauer America, LLC, under normal use and with reasonable maintenance, be structurally sound and will remain free from corrosion perforation for a period of FIVE (5) years.



This warranty does not apply to the following items that are covered by a separate warranty: paint finish, hardware, moldings, and other accessories attached to this body. In addition, this warranty does not apply to any part or accessory manufactured by others and attached to this body.

ROSENBAUER AMERICA, LLC MAKES NO OTHER WARRANTY, EXPRESS OR IMPLIED, WITH RESPECT TO THE ALUMINUM BODY AND ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE AND HEREBY DISCLAIMED.

Rosenbauer America, LLC will replace without charge, repair or make a fair allowance for any defect in material or workmanship demonstrated to its satisfaction to have existed at the time of delivery or not due to misuse, negligence, or accident. If Rosenbauer America, LLC elects to repair this body, the extent of such repair shall be determined solely by Rosenbauer America, LLC, and shall be performed solely at the Rosenbauer America, LLC factory, or at an approved facility. The expense of any transportation to or from such repair facility shall be borne by the purchaser and is not an item covered under this warranty.

Rosenbauer America, LLC will not be liable for damages and under no circumstances will its liability exceed the price for a defective body. The remedies set forth herein are exclusive and in substitution for all other remedies to which the purchaser would otherwise be entitled.

Rosenbauer America, LLC will be given a reasonable opportunity to investigate all claims. The purchaser must commence any action arising out of, based upon or relating to agreement or the breach hereof, within twelve months from the date the cause of the action occurred.

Note: Surety bond, if required, will cover standard one year warranty period only and will not cover any extended warranties allowed by seller or other component manufacturers.

GALVANIZED SUBFRAME WARRANTY

Subject to the provisions, limitations and conditions set forth in this warranty, Rosenbauer America, LLC (hereby referred to as "seller"), hereby warrants to each original purchaser only that each new hot dip galvanized body subframe (exclusive of paint finish and hardware) is structurally sound and free of all structural defects of both material and workmanship and further warrants that it will maintain such structural integrity for the duration of ownership by the original purchaser. This warranty terminates upon transfer of possession or ownership by the original purchaser.

This warranty is conditioned upon normal use and reasonable maintenance of such subframe; prompt written notice of all defects to seller or one of the seller's then authorized dealers in the area; no repair or additions there to except by seller or authorized by it; said defect not resulting from misuse, negligence, accident, remount, overloading beyond applicable weight rating by

customer or third parties. If any such conditions are not complied with, this warranty shall become void and unenforceable.

Should repairs become necessary under the terms or the warranty, the extent of that repair shall be determined solely by the seller and shall be performed solely at Rosenbauer America, LLC or a repair facility designated by the seller. The expense of any transportation to or from such repair facility shall be that of the purchaser and is not an item covered by this warranty.

Seller reserves the unrestricted right at any time from time to time to make changes in the design of and/or improvements on its products without thereby imposing any obligation on them to make corresponding changes or improvements in or on its products theretofore manufactured.

EXCLUSIONS AND LIMITATIONS: THIS MANUFACTURER'S WARRANTY IS PROVIDED IN PLACE OF ANY AND ALL OTHER REPRESENTATIONS OR IMPLIED WARRANTIES. NO PERSON IS AUTHORIZED TO MAKE ANY REPRESENTATIONS OR WARRANTY ON BEHALF OF ROSENBAUER AMERICA, LLC OR ANY OF ITS DISTRIBUTORS OTHER THAN SET FORTH IN THIS MANUFACTURER'S WARRANTY. YOUR RIGHT TO SERVICE AND REPLACEMENT OF PARTS ON THE TERMS EXPRESSLY SET FORTH HERIN ARE YOUR EXCLUSIVE REMEDIES AND NEITHER THE MANUFACTURER NOR ANY OF ITS DISTRIBUTORS SHALL BE LIABLE FOR DAMAGES, WHETHER ORDINARY, INCIDENTAL OR CONSEQUENTIAL.

Note: Surety bond, if required, will cover standard one year warranty period only and will not cover any extended warranties allowed by seller or other component manufacturers.

PAINT WARRANTY FIVE YEAR

The manufacturer shall provide a five (5) year paint warranty for all portions of the apparatus that they have painted. The manufacturer shall supply details of their warranty information with their bid submission.

PUMP WARRANTY

Waterous warrants, to the original buyer only, that products and parts manufactured by Waterous will be free from defects in material and workmanship under normal use and service for a period of seven (7) years from the date the product is first placed in service, or seven and one half 7-1/2 years from the date of shipment by Waterous, whichever period will be the first to expire; provided the buyer notifies Waterous in writing, of the defect in said product within the warranty period, and said product is found by Waterous to be conforming with the aforesaid warranty.

When required in writing by Waterous, defective products must be promptly returned by the buyer to the Waterous Company at Waterous' plant at South St. Paul, Minnesota, or at such other place as may be specified by Waterous with transportation and other charges prepaid. A returned materials authorization (RMA) is required for all products and parts and may be requested by



phone, fax or mail. The previously mentioned warranty excludes any responsibility or liability of Waterous for:

- Damages or defects due to accident, abuse, misuse, abnormal operating conditions, negligence, accidental causes or improper maintenance, or attributable to written specifications or instructions furnished by buyer.
- Defects in products manufactured by others and furnished by Waterous hereunder, it being understood and agreed by the parties that the only warranty provided for such products shall be the warranty provided by the manufacturer thereof which, if assignable, Waterous will assign to the buyer, if requested by buyer.
- Any product or part, altered, modified, serviced or repaired other than by Waterous, without its prior written consent.
- The cost of dismantling, removing, transporting, storing, or insuring the defective product or part and the cost of reinstallation.
- Normal wear items (packing, strainers, filters, light bulbs, anodes, intake screens, etc.)
- This warranty is subject to Waterous' conditions of sale (Waterous Company form number F-2190 as currently in effect all of which are herein incorporated and by this reference made a part hereof.

All other warranties are excluded, whether expressed or implied by operation of law or otherwise, including all implied warranties of merchantability or fitness for purpose. Waterous shall not be liable for consequential or incidental damages directly or indirectly arising or resulting from breach of any of the terms of this limited warranty or from the sale, handling, or use of any other product or part. Waterous' liability hereunder, either for breach of warranty or for negligence, is expressly limited at Waterous' option:

- To the replacement at the agreed point of delivery of any product or part, which upon inspection by Waterous or its duly authorized representative, is found not to conform to the limited warranty set forth above, or
- To the repair of such product or part, or
- To the refund or crediting to buyer of the net sales price of the defective product or part.
- Buyer's remedies contained herein are exclusive of any other remedy otherwise available to the buyer.

STAINLESS STEEL PLUMBING WARRANTY

The manufacturer shall provide a ten (10) year warranty on the stainless steel plumbing components and installation. The manufacturer shall supply details of their warranty information with their bid submission.

WATER TANK WARRANTY

UNITED PLASTIC FABRICATION INC. Warrants each UPF POLY-TANK IIE Booster/Foam tank to be free from manufacturing defects in material and workmanship for the service life of the vehicle (vehicle must be actively used in fire suppression). The UPF POLY-TANK IIE must be installed in accordance with the United Plastic Fabricating installation manual. Every UPF POLY-TANK IIE is thoroughly inspected and tested for leaks before leaving our facility. Should any problems develop with your UPF POLY-TANK IIE booster/foam tank and will not meet performance criteria during the service life of the vehicle, notify UPF in writing or call our TOLL-FREE SERVICE HOT LINE 1-800-USA-POLY. Provide UPF with the serial number and a description of the problem. If the tank problem would render the truck out of service, UPF will dispatch a service technician **WITHIN 48 HOURS (2 DAYS)** to repair the tank. (This time period is for North America only). If the vehicle can remain in service, UPF will dispatch a service technician within a mutually agreed upon time period.

We will repair, or at our option, replace the tank with a new UPF POLY-Tank IIE. UPF will cover customary and reasonable costs to remove and install the UPF POLY-TANK IIE. This warranty will not cover tanks that have been improperly installed, misused or abused, and the serial number must not have, been altered, defaced or removed. UPF will not cover any unauthorized third-party repairs or alterations. Any of these actions may void the warranty.

THERE ARE NO WARRANTIES, EXPRESSED OR IMPLIED, WHICH EXTEND BEYOND THE DESCRIPTION OF THE FACE HEREOF. THERE IS NO EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR A WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE. ADDITIONALLY, THIS WARRANTY IS IN LIEU OF ALL OTHER OBLIGATIONS OR LIABILITIES ON THE PART OF UNITED PLASTIC FABRICATION, INC.

This warranty contains the entire warranty. It is the sole warranty and price agreements or representation, whether oral or written, are either merged herein or expressly cancelled. UNITED PLASTIC FABRICATION, INC. Neither assumes, nor authorizes any person supposing to act on its behalf, to change, nor assume for it, any warranty or liability concerning its product.

IN NO EVENT WILL UNITED PLASTIC FABRICATION, INC BE LIABLE FOR AN AMOUNT IN EXCESS OF THE PRESENT RETAIL, PURCHASE PRICE PLUS INSTALLATION AND REMOVAL COST OF THE BOOSTER TANK, FOR ANY LOSS OR DAMAGE, WHETHER DIRECT OR INDIRECT, INCIDENTAL, CONSEQUENTIAL, OR OTHERWISE ARISING OUT OF FAILURE OF ITS PRODUCT.

This warranty gives you specific legal rights, and you may have other rights, which vary from state to state. Some states do not allow exclusion or limitation of incidental or consequential damages.

consequential damage, so the above limitation or exclusion may not apply to you. Some states do not allow limitation on how long an implied warranty lasts, so the above limitation may not apply to you.

MISCELLANEOUS

STATIC LOAD SEAT TEST INFORMATION

This model of seat shall have successfully completed the static load tests set forth by FMVSS 207/210. This testing shall include a simultaneous forward load of 3000 pounds each on the lap and shoulder belts and twenty (20) times the weight through the center of gravity. This model of seat installed in the cab model, as specified, shall have successfully completed the dynamic sled testing using FMVSS 208 as a guide with the following accommodations. To reflect the larger size outfitted firefighters, the test dummy used shall be a 95th percentile hybrid III male weighing 225 pounds rather than the 50th percentile male dummy weighing 165 pounds as referenced in FMVSS 208.

The materials used in construction of the seat shall also have successfully completed testing regarding the flammability of materials used in the occupant compartments of motor vehicles as outlined in FMVSS 302, of which dictates the allowable burning rate of materials in the occupant compartments of motor vehicles.

CAB TEST INFORMATION

The cab as built shall have successfully completed the pre-load side impact, static roof load application and frontal impact without encroachment to the occupant survival space when tested in accordance with Section 4 of SAE J2420 COE Frontal Strength Evaluation Dynamic Loading Heavy Trucks, Section 5 of SAE J2422 Cab Roof Strength Evaluation Quasi –Static Loading Heavy Trucks and ECE R29 Uniform Provisions Concerning the Approval of Vehicles with regard to the Protection of the Occupants of the Cab of a Commercial Vehicles Annex 3 Paragraph 5.

The above tests shall have been witnessed by and attested to by an independent third party. The test results shall have been recorded using cameras, high speed imagers, accelerometers, and strain gauges.

Documentation of the testing shall be provided upon request.

CAB INTEGRITY CERTIFICATION

The manufacturer shall provide a cab crash test certification with this proposal including SAE J2422 Cab Roof Strength Evaluation - Quasi-Static Loading for Heavy Trucks and SAE J2420 COE Frontal Strength Evaluation - Dynamic Load for Heavy Trucks.

CAB TEST INFORMATION

ROOF CRUSH

The cab shall be subjected to a roof crush test of 120,000 pounds exceeding the requirements of ECE 29 criteria. The 120,000-pound requirement is important to ensure the most structurally sound and safe cab in the event of a crash or roll over.

SIDE IMPACT

The cab shall be subjected to dynamic moving barrier slammed into the side of the cab at 7.5 mph, striking with an impact of 15,157-foot pounds of energy. This test will closely represent the forces a cab would incur in a rollover incident.

FRONTAL IMPACT

The cab shall withstand a frontal force produced from a moving barrier slammed into the front of the cab traveling at 10.5 mph, striking with an impact of 42,587-foot pounds of energy.

The same cab shall withstand all tests without any measurable intrusion into the survival space of the occupant area.

OPERATION AND PARTS LIST MANUALS

Each cab and chassis shall include two (2) electronic copies of the operation manuals and parts listings. The manuals shall include information specific to the components included on the apparatus.

ENGINE AND TRANSMISSION MANUALS

One (1) paper copy of the specific engine and transmission manuals shall accompany each cab and chassis.

AS BUILT WIRING DIAGRAMS

Each cab and chassis shall include one (1) digital copy of the wiring schematics and component wiring. The wiring schematics shall be developed on a software program such as VeSys Design or equal that provides continuity in files and diagrams. The software shall allow you to trace through the design schematics to identify cross-referenced items such as in-line connectors and wires. The software shall be interactive which allows you to view one electrical assembly drawing, click on a wire routing and the program will take you to the related circuit assembly or termination point. The software shall also provide a searchable function allowing you to view multiple diagrams using readily available pdf viewers. The digital copy of the wiring schematics shall be compatible with handheld devices such as I-Pads.

USB STORAGE

For ease of service the chassis will come with an on-board USB flash drive. The flash drive shall have a minimum of 8 GB of storage capacity; and shall be located behind the access panel on the driver side kick panel, next to the data port for the engine.

The following items shall be stored on the Flash Drive. No Exception.

- As built wiring diagrams
- Plumbing diagram
- Chassis, body and aerial manuals

The USB shall be accessible through a 3-foot (3') USB-A to USB-B cable provided by the manufacture with the completed vehicle.

ROAD SAFETY KIT

- One (1) 2-1/2# ABC DOT Approved fire extinguisher shall be provided. The fire extinguisher shall be shipped loose with the chassis.
- One (1) set of DOT approved hazard triangles shall be supplied with the chassis. They shall be stored in a plastic case and shipped loose with the chassis.
- One (1) first aid kit

NFPA 2016 STANDARDS

This unit shall comply with the NFPA standards effective January 1, 2016.

Certification of slip resistance of all stepping, standing and walking surfaces shall be supplied with delivery of the apparatus.

A plate that is highly visible to the driver while seated shall be provided which states the overall height, length, and gross vehicle weight rating.

The manufacturer shall have programs in place for training, proficiency testing and performance for any staff involved with certifications.

An official of the company shall designate, in writing, which is qualified to witness and certify test results.

BODY MANUAL - PRINTED

Rosenbauer shall provide with the vehicle upon delivery, one (1) complete delivery manual. This manual shall be in a notebook type binder, with reference tabs for each section of the vehicle.

Within each section shall be:

- Individual component manufacturer instruction and parts manuals
- Warranty forms for the body
- Warranty forms for all major components
- Warranty instructions and format to be used in compliance with warranty obligations
- Wiring diagrams
- Installation instruction and drawings for major parts
- Visual graphics and electronic photos for the installation of major parts
- Necessary normal routine service forms, publications and components of the body portion of the apparatus
- Technical publications for training and instruction on major body components
- Warning and safety related notices for personnel protection
- Cab and chassis manuals on parts, service and maintenance shall be provided

IN PROCESS PHOTOS

There shall be a series of Fire Ace photos provided as the apparatus progresses through the production process. There will be a minimum of four (4) photos per interval and a total of six intervals, one (1) upon chassis arrival, four (4) during construction and one (1) upon completion.

NFPA AERIAL/QUINT EQUIPMENT ALLOWANCE

In compliance with the current NFPA 1901 guidelines, the apparatus shall be engineered to provide an allow of 2500 pounds of fire department provided loose equipment.

CONTRACT CHANGE NOTICE

The quoted delivery time is based upon our receipt of the specified materials required to produce the apparatus in a timely manner. "Delivery" means the date company is prepared to make physical possession of vehicle available to the customer.

The Company shall not be responsible nor deemed to be in default on account of delays in performance due to causes which are beyond the Company's control which make the Company's performance impracticable, including but not limited to civil wars, insurrections, strikes, riots, fires, storms, floods, other acts of nature, explosions, earthquakes, accidents, any act of government, delays in transportation, inability to obtain necessary labor supplies or

manufacturing facilities, allocation regulations or orders affecting materials, equipment, facilities or completed products, failure to obtain any required license or certificates, acts of God or the public enemy or terrorism, failure of transportation, pandemics, epidemics, quarantine restrictions, failure of vendors (due to causes similar to those within the scope of this clause) to perform their contracts or labor troubles causing cessation, slowdown, or interruption of work.

After execution and acceptance of this Purchase Process, the Buyer may request that the Company incorporate a change to the Products or the Specifications for the Products by delivering a Change Order to the Company; provided, however, that any such Change Order must be in writing and include a description of the proposed change sufficient to permit the Company to evaluate the feasibility of such Change Order. Within seven (7) working days of receipt of a Change Order, the Company will inform the Buyer in writing of the feasibility of the Change Order, the earliest possible implementation date for the Change Order, of any increase or decrease in the Purchase Price resulting from such Change Order, and of any effect on production scheduling or delivery resulting from such Change Order. The Company shall not be liable to the Buyer for any delay in performance or delivery arising from any such Change Order. Purchase Price may be modified only by mutual written agreement of the Parties because of changes to the Apparatus required or requested by the Buyer during the construction process pursuant to Appendix C, Change Order Policy. Any changes in the Purchase Price resulting from changes to the Apparatus required or requested by the Buyer during the construction process shall be stated in the Change Order signed by both parties. Additional Changes: If various state or federal regulatory agencies (e.g., NFPA, DOT, EPA) require changes to the specification and/or the product that result in a cost increase to comply therewith this cost will be added to the Purchase Price to be paid by the customer.

FINANCIAL STABILITY SPECIFICATIONS

With high-profile instances of fire apparatus manufacturers encountering financial difficulties, it is imperative that fire departments be diligent in evaluating the financial position of the companies they solicit to build on their emergency response vehicles. A contract entered into with a company on shaky ground is a dangerous prospect, since conducting business with a manufacturer in such condition could open the department to monumental problems.

Take, for instance, the growing theme of manufacturers *requiring* as opposed to *offering* pre-payment and progressive payment options with a corresponding discount off the price of a vehicle. Such offers are made with an ulterior motive in mind, as it can be generally inferred that manufacturers requiring pre-payments and progressive payments do so because they need your cash *today* to fund production of other vehicles already in the backlog.

Should problems arise, as has been the case in situations too numerous to mention, your department risks losing any down payments already made or even the entire cost of a piece of equipment should certain pre-pay discount situations go awry.

While pre-payment discounts may be enticing, it is important to know just how stable the manufacturer seeking your funds is before you make that commitment. If you enter into one of these agreements and the manufacturer hits a rough patch, it is you that will be hurting, because your funds may not be recoverable. However, if you enter into a contract with a financially sound manufacturer, you will reap all of the benefits of a well-built truck at a lower cost. You may equally, by taking advantage of the time-value of money, be able to afford more truck than initially thought, because funds saved by leveraging pre-payment options could allow you get some added features that you might not necessarily have been able to afford.

With this in mind, it must be noted that Rosenbauer is a company with rock-solid financial stability. This is a statement not made lightly, as we can prove it to you. We can provide language that you can insert into your bid specifications that stipulates that in order for bids to be accepted by a fire department, the company bidding must meet several fiscal criteria.

The first criteria call for the successful bidder to meet a debt-to-equity ratio not exceeding a 2.0 rating. Rosenbauer presently stands at a 1.51 rating, which is well-below the accepted rating. This low number results from Rosenbauer owning more assets with a marginal debt service. This means we are not using lenders to fund our operations, nor our growth.

The second requirement is that the debt coverage ratio of the successful body builder exceeds a 100 rating. The higher the number, the better able a company is to meet its payment obligations with banks and creditors. Rosenbauer's number is at 279.6, which is nearly three times the required amount. The higher the debt coverage ratio, the more easily and more fluidly a company is positioned to pay its monthly obligations and operating costs.

The third criteria require that the equity ratio of the successful bidder must exceed .30 rating. A higher equity ratio indicates that the body builder has increased flexibility to meet its financial obligations which translates into greater financial stability. Rosenbauer currently has an equity ratio of .387 which is well above the accepted rating and an excellent indicator of financial strength.

When exploring and evaluating various manufacturers to consider for building your apparatus, there is little doubt you will find one that stands on as firmly a financial ground as Rosenbauer. While others are experiencing stressful issues that raise doubts as to the company's long-term viability, Rosenbauer continues to demonstrate a strengthening of its financial position in the apparatus manufacturing industry. Because Rosenbauer meets and exceeds all the above-stated financial bid requirements, we are best positioned to ensure customers of a strong relationship with the company, which cannot be claimed by most of our competitors in this volatile market.

The Rosenbauer America Dun and Bradstreet number is 02-447-3584. To acquire a Dun and Bradstreet report, telephone them at 1-800-234-3867 (in Canada 800-463-6362) or visit their web site address at www.dnb.com. Dun and Bradstreet is nationally recognized, independent financial analysis company.

ELECTRONIC STABILITY CONTROL

Electronic stability control shall be supplied on the chassis.

ENGINEERING BLUEPRINTS

ROSENBAUER has submitted "proposal" blueprints which are “representative” of the vehicle being proposed and these have been generated on computer-aided-design (CAD) equipment.

The blueprints are provided as follows:

Sheet No. 1:

- Left side exterior view
- Right side exterior view
- Rear exterior view
- Front view
- Top View

ROSENBAUER shall provide construction drawings for approval prior to actual construction of the vehicle.

The design of the equipment is in accordance with the best engineering practices. The equipment design and accessory installation shall permit accessibility for use, maintenance and service. All components and assemblies shall be free of hazardous protrusions, sharp edges, cracks or other elements, which might cause injury to personnel or equipment.

All oil, hydraulic, and air tubing lines and electrical wiring shall be located in protective positions properly attached to the frame or body structure and shall have protective loom or grommets at each point where they pass through structural members, except where a through-frame connector is necessary.

Parts and components will be located or positioned for rapid and simple inspection and recognition of excessive wear or potential failure. Whenever functional layout of operating components determines that physical or visual interference between items cannot be avoided, the item predicted to require the most maintenance shall be located for best accessibility.

CHANGE ORDERS

To ensure the proper engineering and construction of the purchaser's custom fire apparatus in a timely manner, the contractor shall consider the order final and complete after any changes made during the pre-construction conference are mutually approved. Change orders requested after the pre-construction conference are discouraged. It shall be understood and agreed that any changes, if approved, after the order has been released to Engineering, shall constitute a valid cause for production delay and without penalty to the contractor.



Good morning

Item 11.

Attached is the drawing file that you could not open.

Price Estimate 1

\$1,445,784.00 plus tax

Price includes

Paying for Spartan chassis/LTC aerial when it arrives at Toyne

(2) FD personal final inspection

Delivery FOB Hi tech

3 days training

\$10,000.00 fund for changes, surcharge's, etc. this is refundable if not used

Price Estimate 2

\$1,557,607.00 plus tax

Price includes

(2) FD personal final inspection

Delivery FOB Hi tech

3 days training

\$10,000.00 fund for changes, surcharge's, etc. this is refundable if not used

Please call if you have any questions.

Bryce

Bryce Andersen

Hi-Tech E.V.S. Inc.

444 West Greger St.

Oakdale, CA 95361

brycea@hitechevs.com

(530)379-6170 Cell

(800)225-0182 Hi-Tech

(209)847-2110 Hi-Tech Fax

www.hitechevs.com





City of Colusa California

STAFF REPORT

DATE: March 17, 2026
TO: Mayor and Members of Council
FROM: Jesse Cain, City Manager

AGENDA ITEM: Consideration of suspending the Parks, Recreation, and Tree Commission and future restructuring

RECOMMENDATION: Council to adopt a Resolution suspending the Parks, Recreation & Tree Commission effective March 17, 2026, and direct staff to review and update the City's municipal ordinances and commission structure related to parks, trees, and recreation services for possible future re-establishment under clear City Council direction.

BACKGROUND ANALYSIS: The Parks, Recreation & Tree Commission has served the City of Colusa for many years in an advisory capacity. However, as the City continues to grow and face increasing operational, budgetary, and regulatory responsibilities, it is appropriate to reassess the structure and effectiveness of the Commission.

Staff recommends suspending the Parks, Recreation & Tree Commission as of March 17, 2026, while the City undertakes a comprehensive review of relevant ordinances, codes, and commission policies. This will allow the City Council to consider the creation of a future commission with clearly defined job duties, membership requirements, operational standards, and direct Council oversight.

This action is intended to support long-term growth, improved governance, and better alignment with City priorities.

The Parks, Recreation & Tree Commission was established what I believe is to provide community input and recommendations on matters involving:

- City parks and recreation facilities
- Public swimming pool operations
- Tree maintenance and beautification efforts

Over time, the Commission's role has become less clearly defined due to evolving City needs, staffing limitations, and overlapping responsibilities with other City departments and advisory bodies.

In recent years, the City has also experienced increasing demands for:

- Capital improvement planning
- Grant administration
- Parks and recreation development
- Compliance with state and federal regulations
- Clear accountability and policy direction

Given these changes, the City Council has expressed interest in evaluating whether the current Commission structure remains the most effective model moving forward.

Suspending Effective March 17, 2026

Staff recommends formally suspending the Parks, Recreation & Tree Commission effective March 17, 2026. This step will allow the City to pause commission operations while ordinances and advisory roles are reviewed and modernized.

This is not intended to eliminate community involvement, but rather to ensure that any future commission is structured for success with:

- Clear duties
- Defined authority
- Consistent procedures
- Strong Council direction

Upon suspending, staff will begin working on updates to City ordinances and municipal codes related to:

- Parks governance
- Tree policies and responsibilities
- Recreation program oversight
- Advisory commission procedures

This review will provide the City Council with options for restructuring a future commission in a way that supports efficient operations and accountability.

FUTURE COMMISSION RE-ESTABLISHMENT

If the City Council chooses to re-establish a commission in the future, staff recommends doing so with a clear framework, including:

Purpose and Duties

A new commission should have precise advisory responsibilities such as:

- Reviewing Park Improvement Projects
- Advising on recreation programming priorities
- Supporting tree planting and maintenance goals

- Making recommendations directly aligned with Council-adopted policies

Membership Structure

Staff recommend that a future commission include:

- Five (5) members appointed by the City Council
- Members serving staggered terms for continuity
- Clear eligibility requirements and expectations

Operational Standards

A restructured commission should operate under:

- Adopted by laws and meeting procedures
- Annual goals established by the City Council
- Regular reporting and accountability measures
- Defined staff support roles

This approach will ensure the commission functions effectively and contributes to long-term community planning.

LONG-TERM BENEFITS TO THE CITY

Suspending and restructuring the commission will provide several long-term advantages, including:

- Improved alignment with City Council priorities
- Stronger governance and accountability
- Updated ordinances reflecting modern City needs
- More effective advisory participation
- Support for future parks and recreation growth
- Better organizational structure for long-term planning

This action positions the City of Colusa for continued development and responsible management of its community assets.

BUDGET IMPACT: None

STAFF RECOMMENDATION: Adopt a resolution 26- suspending the Parks, Recreation & Tree Commission effective March 17, 2026, while the City reviews ordinances and advisory structures. This will allow the City Council to consider a future commission with clearly defined duties, membership, and operational direction to best serve the community and support long-term growth.

ATTACHMENT: Resolution 26-

RESOLUTION NO. 26-__

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF COLUSA SUSPENDING THE PARKS, RECREATION, AND TREE COMMISSION UNTIL FUTURE RECONSTRUCTION CAN BE COMPLETED

WHEREAS, the City of Colusa City Council authorizes suspends the Parks, Recreation and tree commission until further notice and.

WHEREAS, the City of Colusa City Council will look at all of the necessary ordinances to ensure that if and when some type of commission or committee is formed it will be in line with the City's goals and have clear direction of what's being committed to.

NOW THEREFORE, THE CITY COUNCIL OF THE CITY OF COLUSA DOES HEREBY RESOLVE:

1. Recitals. The foregoing recitals are true and correct and made part of this Resolution.
2. Approval. The City of Colusa City Council approves the resolution suspending the Parks, Recreation and tree commission, and:
3. Effective Date. This Resolution shall be effective immediately.

The City Clerk shall certify the passage and adoption of this Resolution and enter it into the book of original resolutions.

Passed and adopted this 17th Day of March 2026, by the following vote:

AYES:

NOES:

ABSENT:

ABSTAIN:

DENISE CONRADO, MAYOR

ATTEST:

Shelly Kittle, City Clerk



City of Colusa City Council City Clerk's Report

DATE: March 17, 2026
 TO: Mayor and Members of the City Council
 FROM: Shelly Kittle, City Clerk

AGENDA ITEM:

Consideration of appointments for the Planning Commission, Parks, Recreation and Tree Commission and the Heritage Preservation Commission.

REQUESTED ACTION:

1. Council to consider appointing two of the five applicants for the two vacancies on the Planning Commission between Mathew Fontes, Kelsey Watt, Toni Hilger, John Martin, and Amy Schmidt.
2. Council to consider appointing the two applicants, Thomas Roach and Jena Ruble, to fill two of the three vacancies on the Parks, Recreation & Tree Commission.
3. Council to consider appointing Gladys "Cass" Garcia to the Heritage Preservation Commission.

BACKGROUND:

Per Ordinance 473, members of Commissions shall be appointed by the City Council and serve individual terms of four years. Each member, unless sooner terminated, may serve until his or her successor is appointed or qualified. There is no limit on the number of terms an individual may serve on a commission.

The City Clerk received eight applications:

One Application – HPC

Two Applications – PRT

Five Applications - Planning

RECOMMENDATION:

- Council to discuss and make commission reappointments/appointments.

BUDGET IMPACT: None

ATTACHMENTS:

- Commission Terms expiring at the end of March
- Applications: John Martin, Amy Schmidt, Thomas Roach, Gladys “Cass” Garcia, Jena Ruble, Kelsey Watt, Mathew Fontes, and Toni Higer

CITY OF COLUSA
COMMISSION TERMS
EXPIRING MARCH 2026

COMMISSION	NAME	APPOINTED	TERM EXPIRES
PLANNING	John Martin	2022	2026
PLANNING	Amy Schmidt	2024	2026
PARKS, RECREATION & TREE	Patty Hickel	2022	2026
PARKS, RECREATION & TREE	Thomas Roach	2022	2026
PARKS, RECREATION & TREE	Madison Martin	2022	2026
HERTIAGE PRESERVATION	Jon Wrynski	2014	2026
HERITAGE PRESERVATION	Gladys Garcia	2018	2026
HERITAGEPRESERVATION	Stacey Zwald-Costello	2022	2026

ABOUT THE COMMISSIONS

- All Commissions serve at the pleasure of the City Council. Commissioners serve a four-year term.
- Appointments/Reappointments will be made by the City Council at the regular City Council meeting on March 17 at 6:00 pm for terms beginning April 1, 2026.
- Applications are due by March 10 to the City Clerk
- Applications are available on the city’s website (www.cityofcolusa.com) and City Hall, 425 Webster Street, Colusa - (530) 458-4941
- Applicants must be residents of the City or residents of Colusa County if applicant lives within two miles of the City limits at the time of appointment and during his/her term, and shall not be officers nor employees of the City

PUBLIC FILING REQUIREMENTS FOR THE PLANNING COMMISSION

Planning Commissioners are required to take the state-mandated two-hour AB1234 Ethics Class within one year of appointment and every two years thereafter.

Planning Commissioners are required to file Statements of Economic Interest forms reflecting the City of Colusa’s Conflict of Interest Code which are public records.

SCHEDULED MEETINGS

Planning Commission: Monthly (first Wednesday) at 6:00 pm.

Parks, Recreation and Tree (PRT) Commission: Bi-Monthly (second Thursday) at 6:00 pm in January, March, May, July, September, November.

Heritage Preservation Commission: Monthly (second Tuesday) at 4:00 pm.

Shelly Kittle, City Clerk

CITY OF COLUSA
425 Webster Street, Colusa, CA 95932

Phone: 530-458-4941 Fax: 530-458-8674

www.cityofcolusa.gov

RECEIVED

MAR 09 2026

APPLICATION FOR COMMISSION VACANCY

CITY OF COLUSA

Name: John M. Martin

Address: Piper Ln. Resident of County ☐ Resident of City ☒ Resident of Colusa Unified
 School District ☐

Phone: 530-458-4941 Email: johnm2021@gmail.com

I am interested in the vacancy on the following Commission:

☒ **Planning Commission – 4 year term**

Three (3) members must be residents of the City at the time of appointment and during his/her term, and shall not be officers or employees of the City. Two (2) members may be residents of Colusa County, residing within two miles of the boundaries of the City at the time of appointment and during his/her term, and shall not be officers or employees of the City.

☐ **Park, Recreation & Tree Commission – 4 year term**

Applicant must be a resident of the City or a resident of Colusa County living within two miles of the City limits at the time of appointment and during the term and shall not be an officer or an employee of the City.

☐ **Heritage Preservation Commission – 4 year term**

Applicant must be a resident of the City or a resident of Colusa County and live within two miles of the City limits at the time of appointment and during his/her term, and shall not be an officer or an employee of the City.

☐ **Citizens Oversight Committee for Measure B - 4 year term**

Applicant must be a resident of the City and during his/her term, shall not be an officer or an employee of the City.

Briefly, state your interest in serving on this Commission and give a summary of your education, experience and/or qualifications that you believe would be relevant to this Commission.

I wish to continue serving on the Planning Commission because I am committed to supporting thoughtful growth and responsible development in the City of Colusa. I have served on the City of Colusa Planning Commission for the past four years and am currently the Chairman of the Commission. During my tenure, I have gained valuable experience reviewing development proposals, applying city policies and zoning regulations, and working collaboratively with fellow commissioners, staff and the public.

☒ I have read and understand the responsibilities of the Commission as set forth in the Colusa City Code and agree to work to carry out these responsibilities. I further understand that I serve at the pleasure of the Colusa City Council and can be removed from this position, with or without cause, at any time.

☒ I, the undersigned, state that fulfill the residency requirements listed above, and that I wish to have my name considered for appointment to the commission indicated above.

John M. Martin 3-9-26

Applicant Signature Date

APPLICATION FOR COMMISSION VACANCY

Name: Amy Schmidt

Address: Remington Ct, Colusa, CA 95932

Resident of County ☒ Resident of City ☐ Resident of Colusa Unified School District ☐

Phone: 530- [REDACTED] Email: [REDACTED]@absbuildersinc.com

I am interested in the vacancy on the following Commission:

☒ **Planning Commission – 4 year term**

Three (3) members must be residents of the City at the time of appointment and during his/her term, and shall not be officers or employees of the City. Two (2) members may be residents of Colusa County, residing within two miles of the boundaries of the City at the time of appointment and during his/her term, and shall not be officers or employees of the City.

☐ **Park, Recreation & Tree Commission – 4 year term**

Applicant must be a resident of the City or a resident of Colusa County living within two miles of the City limits at the time of appointment and during the term and shall not be an officer or an employee of the City.

☐ **Heritage Preservation Commission – 4 year term**

Applicant must be a resident of the City or a resident of Colusa County and live within two miles of the City limits at the time of appointment and during his/her term, and shall not be an officer or an employee of the City.

☐ **Citizens Oversight Committee for Measure B - 4 year term**

Applicant must be a resident of the City and during his/her term, shall not be an officer or an employee of the City.

Briefly, state your interest in serving on this Commission and give a summary of your education, experience and/or qualifications that you believe would be relevant to this Commission.

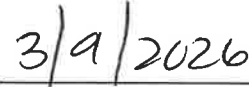
I am a current Commissioner and I would like to
continue serving. I wish to be involved in The General
Plan update when that occurs. I have a Bachelor's Degree
in Construction Management, I am a licensed CA Contractor, as
well as a Colusa business owner for 11+ years. I hope
you will consider my re-appointment.

I have read and understand the responsibilities of the Commission as set forth in the Colusa City and agree to work to carry out these responsibilities. I further understand that I serve at the pleasure of the Colusa City Council and can be removed from this position, with or without cause, at any time.

I, the undersigned, state that fulfill the residency requirements listed above, and that I wish to have my name considered for appointment to the commission indicated above.



Applicant Signature



Date

RECEIVED

CITY OF COLUSA

425 Webster Street, Colusa, CA 95932

Phone: 530-458-4740 Fax: 530-458-8674

Item 13.

MAR 05 2026

www.cityofcolusa.com

CITY OF COLUSA

APPLICATION FOR COMMISSION VACANCY

Name: THOMAS ROACH

Address: [REDACTED] CLAY ST COLUSA CA

Resident of County ☐ Resident of City ☒ Resident of Colusa Unified School District ☐

Phone: 530 [REDACTED] Email: [REDACTED] @GMAIL

I am interested in the vacancy on the following Commission:

☐ **Planning Commission – 4 year term**

Three (3) members must be residents of the City at the time of appointment and during his/her term, and shall not be officers or employees of the City. Two (2) members may be residents of Colusa County, residing within two miles of the boundaries of the City at the time of appointment and during his/her term, and shall not be officers or employees of the City.

☒ **Park, Recreation & Tree Commission – 4 year term**

Applicant must be a resident of the City or a resident of Colusa County living within two miles of the City limits at the time of appointment and during the term and shall not be an officer or an employee of the City.

☐ **Heritage Preservation Commission – 4 year term**

Applicant must be a resident of the City or a resident of Colusa County and live within two miles of the City limits at the time of appointment and during his/her term, and shall not be an officer or an employee of the City.

☐ **– Citizens Oversight Committee for Measure B - 4 year term**

Applicant must be a resident of the City and during his/her term, shall not be an officer or an employee of the City.

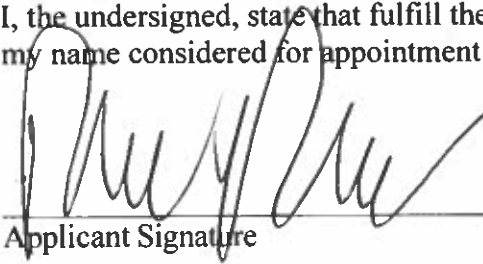
Briefly, state your interest in serving on this Commission and give a summary of your education, experience and/or qualifications that you believe would be relevant to this Commission.

I AM AN AVID PROponent OF THE
REPRESENTATION OF OUR PARKS,
RECREATION DEPARTMENT AND OUR
TREES. I WISH TO CONTINUE IN
THE SERVICE OF THE COUNCIL IN
MY CURRENT POSITION.

I have read and understand the responsibilities of the Commission as set forth in the Colusa City and agree to work to carry out these responsibilities. I further understand that I serve at the pleasure of the Colusa City Council and can be removed from this position, with or without cause, at any time.

Item 13.

I, the undersigned, state that I fulfill the residency requirements listed above, and that I wish to have my name considered for appointment to the commission indicated above.


Applicant Signature


Date

CITY OF COLUSA**425 Webster Street, Colusa, CA 95932****Phone: 530-458-4941 Fax: 530-458-8674**www.cityofcolusa.gov

APPLICATION FOR COMMISSION VACANCY

Name: Kelsey Watt

Address: [REDACTED] Lurline Ave, Colusa, CA 95932

Resident of County ☒ Resident of City ☐ Resident of Colusa Unified School District ☐

Phone: 530-[REDACTED]

Email: [REDACTED].com

I am interested in the vacancy on the following Commission:☒ **Planning Commission – 4 year term**

Three (3) members must be residents of the City at the time of appointment and during his/her term, and shall not be officers or employees of the City. Two (2) members may be residents of Colusa County, residing within two miles of the boundaries of the City at the time of appointment and during his/her term, and shall not be officers or employees of the City.

☐ **Park, Recreation & Tree Commission – 4 year term**

Applicant must be a resident of the City or a resident of Colusa County living within two miles of the City limits at the time of appointment and during the term and shall not be an officer or an employee of the City.

☐ **Heritage Preservation Commission – 4 year term**

Applicant must be a resident of the City or a resident of Colusa County and live within two miles of the City limits at the time of appointment and during his/her term, and shall not be an officer or an employee of the City.

☐ **Citizens Oversight Committee for Measure B - 4 year term**

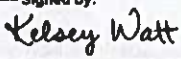
Applicant must be a resident of the City and during his/her term, shall not be an officer or an employee of the City.

Briefly, state your interest in serving on this Commission and give a summary of your education, experience and/or qualifications that you believe would be relevant to this Commission.

I am interested in serving on the Colusa Planning Commission because I care deeply about responsible growth, land use planning, and the long-term success of our community. With ten years of experience in commercial real estate throughout Northern California, I have extensive familiarity with zoning, site requirements, and the development process, and I understand how planning decisions shape economic opportunity and quality of life. I hold a Master's degree in Business Leadership and Management and have managed real estate offices and teams, where I led training on contracts, compliance, and market updates while working closely with property owners, businesses, and local stakeholders on complex projects. As a co-owner of a local agricultural service company supporting farmers across the Sacramento Valley, I also bring an understanding of the region's agricultural needs. I would be honored to contribute my experience, analytical skills, and collaborative approach to thoughtful planning efforts in Colusa.

I have read and understand the responsibilities of the Commission as set forth in the Colusa City Code and agree to work to carry out these responsibilities. I further understand that I serve at the pleasure of the Colusa City Council and can be removed from this position, with or without cause, at any time.

I, the undersigned, state that fulfill the residency requirements listed above, and that I wish to have my name considered for appointment to the commission indicated above.

Signed by:

 Applicant Signature

2/13/2026 | 1:22 PM PST

Date



CITY OF COLUSA

APPLICATION FOR COMMISSION VACANCY

Name: GLADYS "CSS" GARCIA

Address: [REDACTED] 8100 ST - COLUSA, 95932

Resident of County ☒ Resident of City ☒ Resident of Colusa Unified School District ☐

Phone: 310 - [REDACTED] Email: [REDACTED] @YAHOO.COM

I am interested in the vacancy on the following Commission:

☐ **Planning Commission – 4 year term**

Three (3) members must be residents of the City at the time of appointment and during his/her term, and shall not be officers or employees of the City. Two (2) members may be residents of Colusa County, residing within two miles of the boundaries of the City at the time of appointment and during his/her term, and shall not be officers or employees of the City.

☐ **Parks, Recreation and Tree Commission – 4 year term**

Applicant must be a resident of the Colusa Unified School District at the time of appointment and during his/her term, and shall not be an officer or an employee of the City.

☒ **Heritage Preservation Commission – 4 year term**

Applicant shall be resident of the city or residents of Colusa County if they live within two miles of the city limits at the time of appointment and during his/her term, and shall not be officers nor employees of the city.

☐ **Other/Committee:** _____

Briefly, state your interest in serving on this Commission and give a summary of your education, experience and/or qualifications that you believe would be relevant to this Commission.

my love of Architecture & interest in maintaining
these properties

Are you available on the dates and times when this commission meets? ☒ Yes

☐ No

Item 13.

I have read and understand the responsibilities of the Commission as set forth in the Colusa City Code and agree to work to carry out these responsibilities. I further understand that I serve at the pleasure of the Colusa City Council and can be removed from this position, with or without cause, at any time.

I, the undersigned, state that I am a citizen of the United States and fulfill the residency requirements listed above, and that I wish to have my name considered for appointment to the commission indicated above.


Applicant Signature


Date

"This institution is an equal opportunity employer and provider"

CITY OF COLUSA

425 Webster Street, Colusa, CA 95932

Phone: 530-458-4740 Fax: 530-458-8674

www.cityofcolusa.com

Item 13.

APPLICATION FOR COMMISSION VACANCY

RECEIVED
4.45 PM
MAR 10 2026

Name: Jenna Ruble

Address: [REDACTED] Clay St. Colusa CA 95932

CITY OF COLUSA

Resident of County ☐ Resident of City ☒ Resident of Colusa Unified School District ☐

Phone: 714-[REDACTED] Email: [REDACTED]@gmail.com

I am interested in the vacancy on the following Commission:

☐ **Planning Commission – 4 year term**

Three (3) members must be residents of the City at the time of appointment and during his/her term, and shall not be officers or employees of the City. Two (2) members may be residents of Colusa County, residing within two miles of the boundaries of the City at the time of appointment and during his/her term, and shall not be officers or employees of the City.

☒ **Park, Recreation & Tree Commission – 4 year term**

Applicant must be a resident of the City or a resident of Colusa County living within two miles of the City limits at the time of appointment and during the term and shall not be an officer or an employee of the City.

☐ **Heritage Preservation Commission – 4 year term**

Applicant must be a resident of the City or a resident of Colusa County and live within two miles of the City limits at the time of appointment and during his/her term, and shall not be an officer or an employee of the City.

☐ **– Citizens Oversight Committee for Measure B - 4 year term**

Applicant must be a resident of the City and during his/her term, shall not be an officer or an employee of the City.

Briefly, state your interest in serving on this Commission and give a summary of your education, experience and/or qualifications that you believe would be relevant to this Commission.

As a resident of the city of Colusa and a mother of two young children, my family frequently utilizes the parks and play grounds and the programs offered during the summer. As a mom who is at a Colusa park almost every day, I experience firsthand the importance of the parks and facilities. I see their strengths and areas for improvement. In 2019 I earned my Bachelor's degree in Sociology from Long Beach State University.

Before becoming a mother, I worked in the public school system for four years. Specifically, I was a data manager at the high school and principals secretary at the middle school level. More recently

I have read and understand the responsibilities of the Commission as set forth in the Colusa City and agree to work to carry out these responsibilities. I further understand that I serve at the pleasure of the Colusa City Council and can be removed from this position, with or without cause, at any time.

Item 13.

I, the undersigned, state that I fulfill the residency requirements listed above, and that I wish to have my name considered for appointment to the commission indicated above.

Jana J. Rublee
Applicant Signature

3-10-26
Date

I was a substitute teacher in Colusa County before having my baby girl in October.

I have a strong history of serving and engaging my community. To name two examples, I served as the assistant director of the local Scholarship pageant in my hometown of Huntington Beach. As well as serving my community as a member of the Assistance League, where I volunteered in the AL Thrift Store, which raised money to fund our many philanthropies.



CITY OF COLUSA

APPLICATION FOR COMMISSION VACANCY

Name: MATHEW FONTES

Address: [REDACTED] HIGHWAY 20 COLUSA 95932

Phone: 407 [REDACTED] Email: [REDACTED]@GMAIL.COM

I am interested in the vacancy for:

- ☒ **Planning Commission** (applicant must reside within the Sphere of Influence of the City of Colusa)
- ☐ **Park, Recreation and Tree Commission** (applicant must reside within the Sphere of Influence of the City of Colusa)
- ☐ **Heritage Preservation Commission** (applicant must reside within the Sphere of Influence of the City of Colusa)

Briefly, state your interest in serving on this Commission and give a summary of your education, experience and/or qualifications:

THE PLANNING COMMISSION APPEALS
TO ME BECAUSE I WANT OUR
COMMUNITY AND CITY TO PLAN
WITH INTENTIONALITY AND RESPONSIBILITY.
J.D., BARRY LAW SCHOOL (ORLANDO, FL).
PAST CITY OF COLUSA PLANNER

Are you available for evening meetings: ☒ Yes ☐ No

I, the undersigned, state that I am a citizen of the United States and fulfill the residency requirements listed above, and that I wish to have my name considered for appointment to the commission/committee indicated above.

[Signature]
 Applicant signature

3/5/2026
 Date

RECEIVED

MAR 05 2026

CITY OF COLUSA



CITY OF COLUSA

APPLICATION FOR COMMISSION VACANCY

Name: Toni Hilger_____

Address: [REDACTED] Harris St, Colusa_____

Resident of County Resident of City X Resident of Colusa Unified School District

Phone: (707) [REDACTED]_____ Email: [REDACTED]@gmail.com_____

I am interested in the vacancy on the following Commission:

✓Planning Commission – 4 year term

Three (3) members must be residents of the City at the time of appointment and during his/her term, and shall not be officers or employees of the City. Two (2) members may be residents of Colusa County, residing within two miles of the boundaries of the City at the time of appointment and during his/her term, and shall not be officers or employees of the City.

Parks, Recreation and Tree Commission – 4 year term

Applicant must be a resident of the Colusa Unified School District at the time of appointment and during his/her term, and shall not be an officer or an employee of the City.

Heritage Preservation Commission – 4 year term

Applicant shall be resident of the city or residents of Colusa County if they live within two miles of the city limits at the time of appointment and during his/her term, and shall not be officers nor employees of the city.

Other/Committee: _____

Briefly, state your interest in serving on this Commission and give a summary of your education, experience and/or qualifications that you believe would be relevant to this Commission.

- I am interested in serving on the Commission for the City of Colusa because I have been a resident of Colusa for five years and a resident of the county for over twenty years. I am concerned with the decline that is becoming more recognizable in our city over this time. I would like to be a part of positive change and growth. I am currently employed with Williams Unified School District as a Site Secretary. This is my twenty first year with the district. I am very organized, flexible, and open to learning. I believe our city has the potential to welcome tourists by using the river, city tours, shopping, and dining. Our city also has the potential to entice industry as the halfway point between Sacramento and Redding which allows for growth and longevity.

Are you available on the dates and times when this commission meets? ☒ Yes ☐ No

I have read and understand the responsibilities of the Commission as set forth in the Colusa City Code and agree to work to carry out these responsibilities. I further understand that I serve at the pleasure of the Colusa City Council and can be removed from this position, with or without cause, at any time.

I, the undersigned, state that I am a citizen of the United States and fulfill the residency requirements listed above, and that I wish to have my name considered for appointment to the commission indicated above.

Soni Hilger
Applicant Signature

3/10/2026
Date