



Tuesday, December 13, 2022 / 6:30 PM / City Hall / 405 East El Monte Way, Dinuba

District 1	District 2	District 3	District 4	District 5
Rachel Nerio-Guerrero	Maribel Reynosa	Armando Longoria	Kuldip Thusu	Linda Launer
Council Member	Vice Mayor	Council Member	Council Member	Mayor

All attendees are advised that electronic devices should be placed on silent upon entering the Council Chambers.

The City Council will take action on all items listed on the agenda.

1. OPENING CEREMONIES

- 1.1. Welcome and Call to Order
- 1.2. Invocation
- 1.3. Pledge of Allegiance

2. AGENDA CHANGES OR DELETIONS

To better accommodate members of the public or convenience in the order of presentation, items on the agenda may not be presented or acted upon in the order listed. Additions to Agenda may be added only pursuant to California Government Code section 54954.2(b).

3. CITY COUNCIL CEREMONIAL MATTERS

- 3.1. City Clerk to Administer the Oath of Office to Newly Elected and Re-Elected Council Members (MA)
- 3.2. Recognition of Outgoing City Council Member Armando Longoria (MA)
- 3.3. Break for Reception in Honor of Incoming & Outgoing Council Members (MA)
- 3.4. Appointment of Mayor and Vice Mayor (MA)
- 3.5. Resolution No. 2022-60 Ratification of the Statement of Voters for the 2022 City Council Election (MA)

4. REQUEST TO ADDRESS COUNCIL

This portion of the meeting is reserved for any person who would like to address the Council on any item that is not on the agenda. Please be advised that State law does not allow the City Council to discuss or take any action on any issue not on the agenda. The City Council may direct staff to follow up on such item(s). Speakers are limited to three (3) minutes. If there is any person wishing to address the City Council at this time please approach the podium and state your name and nature of the request.

5. CONSENT CALENDAR

Matters listed under the Consent Calendar are considered routine and will be enacted

by one motion and one vote. There will be no separate discussion of these items. If discussion is desired, a member of the audience or a Council Member may request an item be removed from the Consent Calendar and it will be considered separately.

5.1. SUBJECT

Approval of City Council Meeting Minutes (MA)

RECOMMENDATION

Council to review and approve City Council meeting minutes of October 25, 2022 as presented.

5.2. SUBJECT

Letter of Support for Delta Mosquito & Vector Control District (DMVCD) & Oxitec's Research Authorization permit from the California Department of Pesticide Regulation (DJ)

RECOMMENDATION

Council to consider a letter of support for Delta Mosquito & Vector Control District (DMVCD) & Oxitec's Research Authorization (RA) permit from the California Department of Pesticide Regulation (CDPR).

5.3. SUBJECT

Resolution No. 2022-59 Approving a Budget Amendment and to Authorize the Purchase of a New Fire Engine (JORW)

RECOMMENDATION

Council to adopt Resolution No. 2022-59 taking the following actions by one motion:

1. Approving Budget Amendment No. 2023-5 including the funds in the FY 2022-23 budget; and,
2. Authorize staff to order the new Fire Engine through the Houston-Galveston Area Council (HGACBuy) Purchasing Cooperative; and,
3. Authorize staff to execute any related documents and agreements associated with the purchase of the new Fire Engine.

5.4. SUBJECT

Appointment of Larry Roberts to the Delta Vector Control District Board (MA)

RECOMMENDATION

Council to approve the reappointment of Larry Roberts to the Delta Vector Control District Board for a term of two (2) years.

5.5. SUBJECT

Authorization to Purchase Utility Tractor (IH)

RECOMMENDATION

Council to authorize the Public Works Director to purchase a new utility tractor in the amount of \$82,432 from Lawrence Tractor Co., Inc.

5.6. SUBJECT

Authorization to Purchase Rough Terrain Forklift (IH)

RECOMMENDATION

Council to authorize the Public Works Director to purchase a new rough terrain forklift in the amount of \$40,796 from Pape Material Handling.

5.7. SUBJECT

Annual Report on Community Facilities District No. 2018-1 (KS)

RECOMMENDATION

Council to accept the Annual Report for Community Facilities District No. 2018-1 for Fiscal Year Ending June 30, 2022.

5.8. SUBJECT

Certificate of Recognition for Self Help Enterprises, Sierra Village Apartments (MA)

RECOMMENDATION

Council to approve a Certificate of Recognition for Self Help Enterprises for their efforts to bring additional affordable housing to the community.

5.9. SUBJECT

Appointments to Public Safety Commission (MA)

RECOMMENDATION

Council to reappoint Paul Espinosa and Victorio Rojas to the Public Safety Commission to an additional three (3) year term.

5.10. SUBJECT

Cancellation of City Council Meeting, December 27, 2022 (MA)

RECOMMENDATION

Council to consider cancelling the scheduled City Council meeting of Tuesday, December 27, 2022, due to the Christmas holiday.

6. WARRANT REGISTER

6.1. SUBJECT

Warrant Register October 28, November 4, 10, 18 & December 2, 9, 2022 (KS)

RECOMMENDATION

Council to review and approve the Warrant Register as presented.

7. PUBLIC HEARING

7.1. SUBJECT

Development Impact Fee Annual Report for FY 2021/22 (IH)

RECOMMENDATION

Council hold a public hearing to accept public comment regarding the FY 2021/22 Development Impact Fee Annual Report and file the report with the Office of the City Clerk.

7.2. SUBJECT

Ordinance No. 2022-12 Adding and Adopting Section 17.75 Entitled “Electrical Vehicle Charging Station Permitting” to the Dinuba Municipal Code in Compliance with Assembly Bills 1236 And 970 (DY)

RECOMMENDATION

Council receives staff’s report, open and close a public hearing, and take the following action by one motion:

1. Introduce Ordinance No. 2022-12 by title “Adding and adopting section 17.75 entitled “Electrical Vehicle Charging Station Permitting” to the Dinuba Municipal Code in compliance with assembly bills 1236 and 970”; Waive further reading of Ordinance 2022-12 and approve draft Ordinance 2022-12 either as drafted, or subject to any revisions agreed to by City Council; and

2. Schedule second reading and adoption of Ordinance No. 2022-12 for January 10, 2023, inclusive of any revisions adopted by City Council.

8. DEPARTMENT REPORTS

8.1. SUBJECT

Notice of Completion - Alta Avenue and Nebraska Avenue Roundabout Project; Federal Project No. CML-5143(035) (JW)

RECOMMENDATION

Council accept the Alta Avenue and Nebraska Avenue Roundabout Project as complete and authorize the City Engineer to file a Notice of Completion with the Tulare County Recorder's Office.

8.2. SUBJECT

Fiscal Year 2022/23 First Quarter Financial Report (KS)

RECOMMENDATION

Council to accept the financial report for the first quarter of the 2022/2023 fiscal year.

8.3. SUBJECT

Authorization to Execute Cooperative Agreement with Tulare County for the Reconstruction of the Nebraska and Crawford Avenue Intersection. (JW)

RECOMMENDATION

Council to approve the Cooperative Agreement with Tulare County authorizing the County to include the reconstruction of the Nebraska Avenue and Crawford Avenue Intersection as part of a bigger project with Tulare County and authorize the City Manager or designee to execute the agreement, and any related documents.

8.4. SUBJECT

Resolution No. 2022-61 Adopting and Amending the Investment Policy (KS)

RECOMMENDATION

Council approve amendment to update the City's Investment Policy to reflect the council authorized investment with the Tulare County Investment Pool and investment with Joint Powers Authority pursuant to section 6509.07 under California Debt and Investment Advisory Committee (CDIAC).

9. MAYOR/COUNCIL REPORTS

10. CITY MANAGER COMMUNICATIONS

11. CITY STAFF COMMUNICATIONS

12. CLOSED SESSION

12.1. Conference with Legal Counsel - Pending Litigation (DJ)

Significant exposure to litigation pursuant to subdivision (b) of Government Code Section 54956.9; One (1) case.

13. ADJOURNMENT

This agenda was posted at least 72 hours prior to the regular meeting per GC Section 54954.2(a). A Citizens' Packet regarding this meeting is available at the City Clerk's Office located at City Hall, 405 East El Monte Way, Dinuba CA 93618.

In compliance with the Americans with Disabilities Act, if special assistance is needed to participate in the meeting, please contact the City Clerk's Office at 559-591-5900. Please provide at least 48 hours notification prior to the meeting to allow staff to make reasonable arrangements. (28 CFR 35.102-35.104 ADA Title II)



City Council Staff Report

Department: CITY MANAGER'S OFFICE

December 13, 2022

To: Mayor and City Council

From: Maria Alaniz, City Clerk/Human Resources Director

Subject: City Clerk to Administer the Oath of Office to Newly Elected and Re-Elected Council Members (MA)

RECOMMENDATION

EXECUTIVE SUMMARY

OUTSTANDING ISSUES

DISCUSSION

FISCAL IMPACT

PUBLIC HEARING



City Council Staff Report

Department: CITY MANAGER'S OFFICE

December 13, 2022

To: Mayor and City Council

From: Maria Alaniz, City Clerk/Human Resources Director

Subject: Recognition of Outgoing City Council Member Armando Longoria (MA)

RECOMMENDATION

EXECUTIVE SUMMARY

OUTSTANDING ISSUES

DISCUSSION

FISCAL IMPACT

PUBLIC HEARING



City Council Staff Report

Department: CITY CLERK

December 13, 2022

To: Mayor and City Council

From: Maria Alaniz, City Clerk/Human Resources Director

Subject: Break for Reception in Honor of Incoming & Outgoing Council Members (MA)

RECOMMENDATION

EXECUTIVE SUMMARY

OUTSTANDING ISSUES

DISCUSSION

FISCAL IMPACT

PUBLIC HEARING



City Council Staff Report

Department: CITY CLERK

December 13, 2022

To: Mayor and City Council
From: Maria Alaniz, City Clerk/Human Resources Director
Subject: Appointment of Mayor and Vice Mayor (MA)

RECOMMENDATION

Council to nominate and appoint the Mayor and Vice Mayor.

EXECUTIVE SUMMARY

The City Council, per the City Charter, per Section 2.04., appoints the Mayor and Vice Mayor, per Section 2.06, every two years following an election. The City Council will nominate and elect the Mayor and Vice Mayor whom will serve the next two years.

OUTSTANDING ISSUES

None.

DISCUSSION

Per Section 2.04 and 2.06 of the City Charter, the Mayor and Vice Mayor are appointed by the City Council. The Mayor presides over the City Council meetings and is the chief representative of the City. In the absence of the Mayor, the Vice Mayor performs the duties of the Mayor.

The City Council members will nominate and elect one of their members for the office of Mayor and one for the office of Vice Mayor.

FISCAL IMPACT

None.

PUBLIC HEARING

None required.



City Council Staff Report

Department: CITY MANAGER'S OFFICE

December 13, 2022

To: Mayor and City Council

From: Maria Alaniz, City Clerk/Human Resources Director

Subject: Resolution No. 2022-60 Ratification of the Statement of Voters for the 2022 City Council Election (MA)

RECOMMENDATION

Council to adopt the Statement of Votes prepared by the Tulare County Registrar of Voters for the November 8, 2022 General Election ratifying the Dinuba City Council election results for the following districts: Maribel Reynosa, District 2; Benjamin Prado, District 3; and Kuldip Thusu, District 4.

EXECUTIVE SUMMARY

The 2022 general election was held on November 8, 2022. There were three Council districts up for election: District 2, District 3 and District 4. The Tulare County Registrar of Voters has certified the Official Canvass of votes and the City Council must take action to ratify the results of the election. The following individuals were elected to the City Council to serve four year terms: Maribel Reynosa, District 2; Benjamin Prado, District 3; and Kuldip Thusu, District 4.

OUTSTANDING ISSUES

None.

DISCUSSION

A General Election was duly called and regularly held on November 8, 2022. The Tulare County Registrar of Voters canvassed the returns of the election and has certified the results. A copy of the official results is attached herein as 'Exhibit A' to Resolution No. 2022-60 enclosed herein as Attachment 'A'.

Terms for three districts seats came to an end and the following individuals were duly elected: Maribel Reynosa, District 2; Benjamin Prado, District 3; and Kuldip Thusu, District 4. These individuals were elected to serve a term of four years on the Dinuba City Council.

Resolution No. 2022-60 declares the results of the General Municipal Election held on November 8, 2022. The request before the City Council is to adopt Resolution No. 2022-60 ratifying the official canvassed results certified and submitted by the Tulare County Registrar of Voters.

FISCAL IMPACT

None.

PUBLIC HEARING

None required.

ATTACHMENTS:

A. Resolution No. 2022-60 Ratifying Elections Results

RESOLUTION NO. 2022-60

**A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF DINUBA
DECLARING RESULTS OF THE GENERAL MUNICIPAL ELECTION
HELD ON TUESDAY, NOVEMBER 8, 2022**

WHEREAS, a General Municipal Election was held and conducted in the City of Dinuba on Tuesday, the 8th of November, 2022, pursuant to the provisions of Article VI of the Charter of the City of Dinuba, as required by the California Elections Code, for the following purpose.

To elect three members of the City Council of the City of Dinuba; and

WHEREAS, notice of said election was duly and regularly given as required by laws, voting precincts were properly established and in all respects said election was held and conducted, the votes cast were received and canvassed, and the return thereof made, determined and declared in the time, form and manner required by law regulating and controlling such elections; and

WHEREAS, the qualified electors cast ballots at said election for the following Officials:

City Council Member, District 2
City Council Member, District 3
City Council Member, District 4

WHEREAS, a canvass of the returns of said election was made by the Registrar of Voters of Tulare County; and

WHEREAS, the City Council of the City of Dinuba met in the regular meeting place of the Council on the 13th day of December, 2022, to declare the results of said election in compliance with Section 10263 of the California Elections Code; and

WHEREAS, the City Council finds as a result of said canvass that the number of votes cast, the names of the person voted for, and other matter required by law are as hereafter stated.

NOW, THEREFORE, the City Council of the City of Dinuba does RESOLVE and declare as follows:

A General Municipal Election was held and conducted in this City on Tuesday, November 8, 2022, at the time and in the form and manner required by law.

There was two (2) polling location and one (1) official election ballot box established within the City of Dinuba for the purpose of holding said election. The Total number of ballots cast at said election, for candidates for City Council Districts 2, 3 and 4; was 2,080; and, the number of ballots cast for each candidate for the Office of Member, Dinuba City Council, is described on the attached certified election report as 'Exhibit A'; and

BE IT FURTHER RESOLVED, and declared by the City Council of the City of Dinuba in accordance with the provisions of Article VI of the Charter of the City of Dinuba that the following named persons were elected at said election to the office of Member, Dinuba City Council, to wit;

District 2: Maribel Reynosa, term office 2022-2026, and until his/her successor is elected and qualified.

District 3: Benjamin Prado, term office 2022-2026, and until his/her successor is elected and qualified.

District 4: Kuldip Thusu, term office 2022-2026, and until his/her successor is elected and qualified.

PASSED AND ADOPTED: 12/13/2022

MARIA ALANIZ, CITY CLERK

STATE OF CALIFORNIA)
COUNTY OF TULARE) ss.
CITY OF DINUBA)

I, Maria Alaniz, City Clerk of the City of Dinuba, certify the forgoing is the full and true Resolution No. 2022-60, passed and adopted by the Council of the City of Dinuba at a regular meeting held on December 13, 2022 by the following vote.

AYES:

NOES:

ABSENT:

ABSTAIN:

Dated: 12/13/2022

MARIA ALANIZ, CITY CLERK

Statement of Vote General Election



November 8, 2022

**CERTIFIED STATEMENT OF THE VOTES
GENERAL ELECTION
NOVEMBER 8, 2022**

STATE OF CALIFORNIA
COUNTY OF TULARE } ss.

I, Michelle Baldwin, Registrar of Voters of Tulare County, do hereby certify, in accordance with the provisions of Section 15301 of the California Elections Code, that the within is a true and correct statement of the votes cast in Tulare County at the General Election held in said County on November 8, 2022 as determined by the official canvass of the returns of said election.

I hereby set my hand and official seal this 30th day of November 2022 in the County of Tulare.



Michelle Baldwin
Michelle Baldwin, Registrar of Voters
County of Tulare
State of California

**CERTIFICATION OF REGISTRAR OF VOTERS
OF THE RESULTS OF THE CANVASS
OF THE NOVEMBER 8, 2022
GENERAL ELECTION**

STATE OF CALIFORNIA }
COUNTY OF TULARE } ss.

I, Michelle Baldwin, Registrar of Voters of Tulare County, do hereby certify, in accordance with the provisions of Section 15300, et seq. of the California Elections Code, I did canvass the results of the votes cast in the General Election held in said County on November 8, 2022, for measures and contests that were submitted to the vote of the voters, and that the Statement of Votes Cast, to which this certificate is attached is full, true, and correct.

I further declare that the results of the one (1) percent manual tally contained no discrepancies between the machine count and the manual tally.

I hereby set my hand and official seal this 30th day of November 2022 in the County of Tulare.



Michelle Baldwin

Michelle Baldwin, Registrar of Voters
County of Tulare
State of California

Dinuba City Council Member Ward 2 (Vote for 1)

District	Countywide	Times Cast	Registered Voters	Countywide	Maribel Reyynosa	Cecilia Jimenez
Electionwide				Electionwide		
Polling Places	66	1,621		Polling Places	33	29
Vote by Mail	432	1,621		Vote by Mail	237	173
Electionwide - Total	498	1,621		Electionwide - Total	270	202
Cumulative				Cumulative		
Polling Places	0	0		Polling Places	0	0
Vote by Mail	0	0		Vote by Mail	0	0
Cumulative - Total	0	0		Cumulative - Total	0	0
Countywide - Total	498	1,621		Countywide - Total	270	202
United States Representative				United States Representative		
Congressional District 21				Congressional District 21		
Polling Places	66	1,621		Polling Places	33	29
Vote by Mail	432	1,621		Vote by Mail	237	173
Congressional District 21 - Total	498	1,621		Congressional District 21 - Total	270	202
Cumulative				Cumulative		
Polling Places	0	0		Polling Places	0	0
Vote by Mail	0	0		Vote by Mail	0	0
Cumulative - Total	0	0		Cumulative - Total	0	0
United States Representative - Total	498	1,621		United States Representative - Total	270	202
State Senator				State Senator		
Senate District 16				Senate District 16		
Polling Places	66	1,621		Polling Places	33	29
Vote by Mail	432	1,621		Vote by Mail	237	173
Senate District 16 - Total	498	1,621		Senate District 16 - Total	270	202
Cumulative				Cumulative		
Polling Places	0	0		Polling Places	0	0

District	Write-In	Total Votes
Countywide		
Electionwide		
Polling Places	0 0.00%	62
Vote by Mail	0 0.00%	410
Electionwide - Total	0 0.00%	472
Cumulative		
Polling Places	0	0
Vote by Mail	0	0
Cumulative - Total	0	0
Countywide - Total	0 0.00%	472
United States Representative		
Congressional District 21		
Polling Places	0 0.00%	62
Vote by Mail	0 0.00%	410
Congressional District 21 - Total	0 0.00%	472
Cumulative		
Polling Places	0	0
Vote by Mail	0	0
Cumulative - Total	0	0
United States Representative - Total	0 0.00%	472
State Senator		
Senate District 16		
Polling Places	0 0.00%	62
Vote by Mail	0 0.00%	410
Senate District 16 - Total	0 0.00%	472
Cumulative		
Polling Places	0	0

District	Times Cast	Registered Voters	MARIBEL REYNOSA	CECILIA JIMENEZ
Vote by Mail	0	0	0	0
Cumulative - Total	0	0	0	0
State Senator - Total	498	1,621	270	202
57.20%			57.20%	42.80%
Member of the State Assembly				
Assembly District 33				
Polling Places	66	1,621	33	29
53.23%			53.23%	46.77%
Vote by Mail	432	1,621	237	173
57.80%			57.80%	42.20%
Assembly District 33 - Total	498	1,621	270	202
57.20%			57.20%	42.80%
Cumulative				
Polling Places	0	0	0	0
Vote by Mail	0	0	0	0
Cumulative - Total	0	0	0	0
Member of the State Assembly - Total	498	1,621	270	202
57.20%			57.20%	42.80%
Board of Equalization (State)				
Board of Equalization 1				
Polling Places	66	1,621	33	29
53.23%			53.23%	46.77%
Vote by Mail	432	1,621	237	173
57.80%			57.80%	42.20%
Board of Equalization 1 - Total	498	1,621	270	202
57.20%			57.20%	42.80%
Cumulative				
Polling Places	0	0	0	0
Vote by Mail	0	0	0	0
Cumulative - Total	0	0	0	0
Board of Equalization (State) - Total	498	1,621	270	202
57.20%			57.20%	42.80%
County Supervisor				
County Supervisor District 4				
Polling Places	66	1,621	33	29
53.23%			53.23%	46.77%

District	Write-In	Total Votes
Vote by Mail	0	0
Cumulative - Total	0	0
State Senator - Total	0	472
Member of the State Assembly		
Assembly District 33		
Polling Places	0	62
Vote by Mail	0	410
Assembly District 33 - Total	0	472
Cumulative		
Polling Places	0	0
Vote by Mail	0	0
Cumulative - Total	0	0
Member of the State Assembly - Total	0	472
Board of Equalization (State)		
Board of Equalization 1		
Polling Places	0	62
Vote by Mail	0	410
Board of Equalization 1 - Total	0	472
Cumulative		
Polling Places	0	0
Vote by Mail	0	0
Cumulative - Total	0	0
Board of Equalization (State) - Total	0	472
County Supervisor		
County Supervisor District 4		
Polling Places	0	62

District	Times Cast	Registered Voters		MARIBEL REYNOSA	CECILIA JIMENEZ
Vote by Mail	432	1,621			
County Supervisor District 4 - Total	498	1,621		237 57.80%	173 42.20%
Cumulative				270 57.20%	202 42.80%
Polling Places	0	0		0	0
Vote by Mail	0	0		0	0
Cumulative - Total	0	0		0	0
County Supervisor - Total	498	1,621		270 57.20%	202 42.80%
City					
City of Dinuba					
Polling Places	66	1,621		33 53.23%	29 46.77%
Vote by Mail	432	1,621		237 57.80%	173 42.20%
City of Dinuba - Total	498	1,621		270 57.20%	202 42.80%
Cumulative					
Polling Places	0	0		0	0
Vote by Mail	0	0		0	0
Cumulative - Total	0	0		0	0
City - Total	498	1,621		270 57.20%	202 42.80%
City sub-district					
City of Dinuba Ward 2					
Polling Places	66	1,621		33 53.23%	29 46.77%
Vote by Mail	432	1,621		237 57.80%	173 42.20%
City of Dinuba Ward 2 - Total	498	1,621		270 57.20%	202 42.80%
Cumulative					
Polling Places	0	0		0	0
Vote by Mail	0	0		0	0
Cumulative - Total	0	0		0	0
City sub-district - Total	498	1,621		270 57.20%	202 42.80%
Unincorporated					
Unincorporated					
Polling Places	66	1,621		33 53.23%	29 46.77%

District	Write-In	Total Votes
Vote by Mail	0	410
County Supervisor District 4 - Total	0	472
Cumulative		
Polling Places	0	0
Vote by Mail	0	0
Cumulative - Total	0	0
County Supervisor - Total	0	472
City		
City of Dinuba		
Polling Places	0	62
Vote by Mail	0	410
City of Dinuba - Total	0	472
Cumulative		
Polling Places	0	0
Vote by Mail	0	0
Cumulative - Total	0	0
City - Total	0	472
City sub-district		
City of Dinuba Ward 2		
Polling Places	0	62
Vote by Mail	0	410
City of Dinuba Ward 2 - Total	0	472
Cumulative		
Polling Places	0	0
Vote by Mail	0	0
Cumulative - Total	0	0
City sub-district - Total	0	472
Unincorporated		
Unincorporated		
Polling Places	0	62

District	Vote by Mail	Times Cast	Registered Voters	Unincorporated - Total	Unincorporated - Total	Unincorporated - Total	Unincorporated - Total	Unincorporated - Total	Unincorporated - Total
	432	432	1,621	1,621	1,621	1,621	1,621	1,621	1,621
	498	498	1,621	1,621	1,621	1,621	1,621	1,621	1,621
Cumulative									
Polling Places	0	0	0	0	0	0	0	0	0
Vote by Mail	0	0	0	0	0	0	0	0	0
Cumulative - Total	0	0	0	0	0	0	0	0	0
Unincorporated - Total	498	498	1,621	1,621	1,621	1,621	1,621	1,621	1,621

District	Vote by Mail	Times Cast	Registered Voters	Unincorporated - Total	Unincorporated - Total	Unincorporated - Total	Unincorporated - Total	Unincorporated - Total	Unincorporated - Total
	432	432	1,621	1,621	1,621	1,621	1,621	1,621	1,621
	498	498	1,621	1,621	1,621	1,621	1,621	1,621	1,621
Cumulative									
Polling Places	0	0	0	0	0	0	0	0	0
Vote by Mail	0	0	0	0	0	0	0	0	0
Cumulative - Total	0	0	0	0	0	0	0	0	0
Unincorporated - Total	498	498	1,621	1,621	1,621	1,621	1,621	1,621	1,621

District	Write-In	Total Votes
Vote by Mail	0	410
Unincorporated - Total	0	472
Cumulative		
Polling Places	0	0
Vote by Mail	0	0
Cumulative - Total	0	0
Unincorporated - Total	0	472

Dinuba City Council Member Ward 3 (Vote for 1)

District	Times Cast	Registered Voters	BENJAMIN PRADO		ARMANDO LONGORIA	
Countywide						
Electionwide						
Polling Places	107	1,984	64	66.67%	32	33.33%
Vote by Mail	633	1,984	328	56.45%	253	43.55%
Electionwide - Total	740	1,984	392	57.90%	285	42.10%
Cumulative						
Polling Places	0	0	0		0	
Vote by Mail	0	0	0		0	
Cumulative - Total	0	0	0		0	
Countywide - Total	740	1,984	392	57.90%	285	42.10%
United States Representative						
Congressional District 21						
Polling Places	107	1,984	64	66.67%	32	33.33%
Vote by Mail	633	1,984	328	56.45%	253	43.55%
Congressional District 21 - Total	740	1,984	392	57.90%	285	42.10%
Cumulative						
Polling Places	0	0	0		0	
Vote by Mail	0	0	0		0	
Cumulative - Total	0	0	0		0	
United States Representative - Total	740	1,984	392	57.90%	285	42.10%
State Senator						
Senate District 16						
Polling Places	107	1,984	64	66.67%	32	33.33%
Vote by Mail	633	1,984	328	56.45%	253	43.55%
Senate District 16 - Total	740	1,984	392	57.90%	285	42.10%
Cumulative						
Polling Places	0	0	0		0	

District	Write-In	Total Votes
Countywide		
Electionwide		
Polling Places	0 0.00%	96
Vote by Mail	0 0.00%	581
Electionwide - Total	0 0.00%	677
Cumulative		
Polling Places	0	0
Vote by Mail	0	0
Cumulative - Total	0	0
Countywide - Total	0 0.00%	677
United States Representative		
Congressional District 21		
Polling Places	0 0.00%	96
Vote by Mail	0 0.00%	581
Congressional District 21 - Total	0 0.00%	677
Cumulative		
Polling Places	0	0
Vote by Mail	0	0
Cumulative - Total	0	0
United States Representative - Total	0 0.00%	677
State Senator		
Senate District 16		
Polling Places	0 0.00%	96
Vote by Mail	0 0.00%	581
Senate District 16 - Total	0 0.00%	677
Cumulative		
Polling Places	0	0

District	Times Cast	Registered Voters	BENJAMIN PRADO	ARMANDO LONGORIA
Vote by Mail	0	0	0	0
Cumulative - Total	0	0	0	0
State Senator - Total	740	1,984	392	285
42.10%			57.90%	42.10%
Member of the State Assembly				
Assembly District 33				
Polling Places	107	1,984	64	32
66.67%			66.67%	33.33%
Vote by Mail	633	1,984	328	253
56.45%			56.45%	43.55%
Assembly District 33 - Total	740	1,984	392	285
57.90%			57.90%	42.10%
Cumulative				
Polling Places	0	0	0	0
Vote by Mail	0	0	0	0
Cumulative - Total	0	0	0	0
Member of the State Assembly - Total	740	1,984	392	285
57.90%			57.90%	42.10%
Board of Equalization (State)				
Board of Equalization 1				
Polling Places	107	1,984	64	32
66.67%			66.67%	33.33%
Vote by Mail	633	1,984	328	253
56.45%			56.45%	43.55%
Board of Equalization 1 - Total	740	1,984	392	285
57.90%			57.90%	42.10%
Cumulative				
Polling Places	0	0	0	0
Vote by Mail	0	0	0	0
Cumulative - Total	0	0	0	0
Board of Equalization (State) - Total	740	1,984	392	285
57.90%			57.90%	42.10%
County Supervisor				
County Supervisor District 4				
Polling Places	107	1,984	64	32
66.67%			66.67%	33.33%

District	Write-In	Total Votes
Vote by Mail	0	0
Cumulative - Total	0	0
State Senator - Total	0	677
Member of the State Assembly		
Assembly District 33		
Polling Places	0	96
Vote by Mail	0	581
Assembly District 33 - Total	0	677
Cumulative		
Polling Places	0	0
Vote by Mail	0	0
Cumulative - Total	0	0
Member of the State Assembly - Total	0	677
Board of Equalization (State)		
Board of Equalization 1		
Polling Places	0	96
Vote by Mail	0	581
Board of Equalization 1 - Total	0	677
Cumulative		
Polling Places	0	0
Vote by Mail	0	0
Cumulative - Total	0	0
Board of Equalization (State) - Total	0	677
County Supervisor		
County Supervisor District 4		
Polling Places	0	96

District	Times Cast	Registered Voters	BENJAMIN PRADO	ARMANDO LONGORIA
Vote by Mail	633	1,984	328	253
County Supervisor District 4 - Total	740	1,984	392	285
Cumulative				
Polling Places	0	0	0	0
Vote by Mail	0	0	0	0
Cumulative - Total	0	0	0	0
County Supervisor - Total	740	1,984	392	285
City				
City of Dinuba				
Polling Places	107	1,984	64	32
Vote by Mail	633	1,984	328	253
City of Dinuba - Total	740	1,984	392	285
Cumulative				
Polling Places	0	0	0	0
Vote by Mail	0	0	0	0
Cumulative - Total	0	0	0	0
City - Total	740	1,984	392	285
City sub-district				
City of Dinuba Ward 3				
Polling Places	107	1,984	64	32
Vote by Mail	633	1,984	328	253
City of Dinuba Ward 3 - Total	740	1,984	392	285
Cumulative				
Polling Places	0	0	0	0
Vote by Mail	0	0	0	0
Cumulative - Total	0	0	0	0
City sub-district - Total	740	1,984	392	285
Unincorporated				
Unincorporated				
Polling Places	107	1,984	64	32

District	Write-In	Total Votes
Vote by Mail	0	581
County Supervisor District 4 - Total	0	677
Cumulative		
Polling Places	0	0
Vote by Mail	0	0
Cumulative - Total	0	0
County Supervisor - Total	0	677
City		
City of Dinuba		
Polling Places	0	96
Vote by Mail	0	581
City of Dinuba - Total	0	677
Cumulative		
Polling Places	0	0
Vote by Mail	0	0
Cumulative - Total	0	0
City - Total	0	677
City sub-district		
City of Dinuba Ward 3		
Polling Places	0	96
Vote by Mail	0	581
City of Dinuba Ward 3 - Total	0	677
Cumulative		
Polling Places	0	0
Vote by Mail	0	0
Cumulative - Total	0	0
City sub-district - Total	0	677
Unincorporated		
Unincorporated		
Polling Places	0	96

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District	Write-In	Total Votes
Vote by Mail	0	581
Unincorporated - Total	0	677
Cumulative		
Polling Places	0	0
Vote by Mail	0	0
Cumulative - Total	0	0
Unincorporated - Total	0	677

Dinuba City Council Member Ward 4 (Vote for 1)

District	Countywide	Times Cast	Registered Voters	District	Countywide	KULDIP THUSU
Electionwide				Electionwide		
Polling Places	115	2,196		Polling Places	41	67
Vote by Mail	727	2,196		Vote by Mail	228	459
Electionwide - Total	842	2,196		Electionwide - Total	269	526
Cumulative				Cumulative		
Polling Places	0	0		Polling Places	0	0
Vote by Mail	0	0		Vote by Mail	0	0
Cumulative - Total	0	0		Cumulative - Total	0	0
Countywide - Total	842	2,196		Countywide - Total	269	526
United States Representative				United States Representative		
Congressional District 21				Congressional District 21		
Polling Places	115	2,196		Polling Places	41	67
Vote by Mail	727	2,196		Vote by Mail	228	459
Congressional District 21 - Total	842	2,196		Congressional District 21 - Total	269	526
Cumulative				Cumulative		
Polling Places	0	0		Polling Places	0	0
Vote by Mail	0	0		Vote by Mail	0	0
Cumulative - Total	0	0		Cumulative - Total	0	0
United States Representative - Total	842	2,196		United States Representative - Total	269	526
State Senator				State Senator		
Senate District 16				Senate District 16		
Polling Places	115	2,196		Polling Places	41	67
Vote by Mail	727	2,196		Vote by Mail	228	459
Senate District 16 - Total	842	2,196		Senate District 16 - Total	269	526
Cumulative				Cumulative		
Polling Places	0	0		Polling Places	0	0

District	Write-In	Total Votes
Countywide		
Electionwide		
Polling Places	0	108
Vote by Mail	0	687
Electionwide - Total	0	795
Cumulative		
Polling Places	0	0
Vote by Mail	0	0
Cumulative - Total	0	0
Countywide - Total	0	795
United States Representative		
Congressional District 21		
Polling Places	0	108
Vote by Mail	0	687
Congressional District 21 - Total	0	795
Cumulative		
Polling Places	0	0
Vote by Mail	0	0
Cumulative - Total	0	0
United States Representative - Total	0	795
State Senator		
Senate District 16		
Polling Places	0	108
Vote by Mail	0	687
Senate District 16 - Total	0	795
Cumulative		
Polling Places	0	0

District	Times Cast	Registered Voters	DANA RAGER	KULDIP THUSU
Vote by Mail	0	0	0	0
Cumulative - Total	0	0	0	0
State Senator - Total	842	2,196	269	526
33.84%				66.16%
Member of the State Assembly				
Assembly District 33				
Polling Places	115	2,196	41	67
37.96%				62.04%
Vote by Mail	727	2,196	228	459
33.19%				66.81%
Assembly District 33 - Total	842	2,196	269	526
33.84%				66.16%
Cumulative				
Polling Places	0	0	0	0
Vote by Mail	0	0	0	0
Cumulative - Total	0	0	0	0
Member of the State Assembly - Total	842	2,196	269	526
33.84%				66.16%
Board of Equalization (State)				
Board of Equalization 1				
Polling Places	115	2,196	41	67
37.96%				62.04%
Vote by Mail	727	2,196	228	459
33.19%				66.81%
Board of Equalization 1 - Total	842	2,196	269	526
33.84%				66.16%
Cumulative				
Polling Places	0	0	0	0
Vote by Mail	0	0	0	0
Cumulative - Total	0	0	0	0
Board of Equalization (State) - Total	842	2,196	269	526
33.84%				66.16%
County Supervisor				
County Supervisor District 4				
Polling Places	115	2,196	41	67
37.96%				62.04%

District	Write-In	Total Votes
Vote by Mail	0	0
Cumulative - Total	0	0
State Senator - Total	0	795
0.00%		
Member of the State Assembly		
Assembly District 33		
Polling Places	0	108
Vote by Mail	0	687
Assembly District 33 - Total	0	795
0.00%		
Cumulative		
Polling Places	0	0
Vote by Mail	0	0
Cumulative - Total	0	0
Member of the State Assembly - Total	0	795
0.00%		
Board of Equalization (State)		
Board of Equalization 1		
Polling Places	0	108
Vote by Mail	0	687
Board of Equalization 1 - Total	0	795
0.00%		
Cumulative		
Polling Places	0	0
Vote by Mail	0	0
Cumulative - Total	0	0
Board of Equalization (State) - Total	0	795
0.00%		
County Supervisor		
County Supervisor District 4		
Polling Places	0	108
0.00%		

District	Times Cast	Registered Voters	DANA RAGER	KULDIP THUSU
Vote by Mail	727	2,196	228	459
County Supervisor District 4 - Total	842	2,196	269	526
			33.19%	66.81%
			33.84%	66.16%
Cumulative				
Polling Places	0	0	0	0
Vote by Mail	0	0	0	0
Cumulative - Total	0	0	0	0
County Supervisor - Total	842	2,196	269	526
			33.84%	66.16%
City				
City of Dinuba				
Polling Places	115	2,196	41	67
Vote by Mail	727	2,196	228	459
City of Dinuba - Total	842	2,196	269	526
			33.84%	66.16%
Cumulative				
Polling Places	0	0	0	0
Vote by Mail	0	0	0	0
Cumulative - Total	0	0	0	0
City - Total	842	2,196	269	526
			33.84%	66.16%
City sub-district				
City of Dinuba Ward 4				
Polling Places	115	2,196	41	67
Vote by Mail	727	2,196	228	459
City of Dinuba Ward 4 - Total	842	2,196	269	526
			33.84%	66.16%
Cumulative				
Polling Places	0	0	0	0
Vote by Mail	0	0	0	0
Cumulative - Total	0	0	0	0
City sub-district - Total	842	2,196	269	526
			33.84%	66.16%
Unincorporated				
Unincorporated				
Polling Places	115	2,196	41	67
			37.96%	62.04%

District	Write-in	Total Votes
Vote by Mail	0	687
County Supervisor District 4 - Total	0	795
Cumulative		
Polling Places	0	0
Vote by Mail	0	0
Cumulative - Total	0	0
County Supervisor - Total	0	795
City		
City of Dinuba		
Polling Places	0	108
Vote by Mail	0	687
City of Dinuba - Total	0	795
Cumulative		
Polling Places	0	0
Vote by Mail	0	0
Cumulative - Total	0	0
City - Total	0	795
City sub-district		
City of Dinuba Ward 4		
Polling Places	0	108
Vote by Mail	0	687
City of Dinuba Ward 4 - Total	0	795
Cumulative		
Polling Places	0	0
Vote by Mail	0	0
Cumulative - Total	0	0
City sub-district - Total	0	795
Unincorporated		
Unincorporated		
Polling Places	0	108

District	Times Cast	Registered Voters	DANA RAGER		KULDIP THUSU	
Vote by Mail	727	2,196			459	66.81%
Unincorporated - Total	842	2,196	228	33.19%	526	66.16%
Cumulative			269	33.84%		
Polling Places	0	0	0		0	
Vote by Mail	0	0	0		0	
Cumulative - Total	0	0	0		0	
Unincorporated - Total	842	2,196	269	33.84%	526	66.16%

District	Write-In	Total Votes
Vote by Mail	0	687
Unincorporated - Total	0	795
Cumulative		
Polling Places	0	0
Vote by Mail	0	0
Cumulative - Total	0	0
Unincorporated - Total	0	795



City Council Staff Report

Department: CITY CLERK

December 13, 2022

To: Mayor and City Council

From: Maria Alaniz, City Clerk/Human Resources Director

Subject: Approval of City Council Meeting Minutes (MA)

RECOMMENDATION

Council to review and approve City Council meeting minutes of October 25, 2022 as presented.

EXECUTIVE SUMMARY

None.

OUTSTANDING ISSUES

None.

DISCUSSION

None.

FISCAL IMPACT

None.

PUBLIC HEARING

None required.

ATTACHMENTS:

City Council Meeting Minutes, October 25, 2022



**October 25, 2022
MINUTES**

COUNCIL MEMBERS PRESENT:

Nerio-Guerrero, Longoria-via Zoom, Thusu, Reynosa, Launer

COUNCIL MEMBERS ABSENT:

None.

STAFF MEMBERS PRESENT:

Alaniz, Hernandez, Hurtado, Iriarte, James, Montejano, Patlan, Solis, Watts, Webster, Yanez

1. OPENING CEREMONIES

1.1. Welcome and Call to Order

Mayor Launer called the meeting to order at 6:30 p.m.

1.2. Invocation

The invocation was led by Chaplain Susee.

1.3. Pledge of Allegiance

The pledge of allegiance was led by Police Chief Iriarte.

2. AGENDA CHANGES OR DELETIONS

To better accommodate members of the public or convenience in the order of presentation, items on the agenda may not be presented or acted upon in the order listed. Additions to Agenda may be added only pursuant to California Government Code section 54954.2(b).

None.

3. REQUEST TO ADDRESS COUNCIL

This portion of the meeting is reserved for any person who would like to address the Council on any item that is not on the agenda. Please be advised that State law does not allow the City Council to discuss or take any action on any issue not on the agenda. The City Council may direct staff to follow up on such item(s). Speakers are limited to three (3) minutes. If there is any person wishing to address the City Council at this time please approach the podium and state your name and nature of the request.

Angela Litman approached the podium to share information on the Hero's Project Dinuba. The project is inspired by banner projects within local communities and is meant to recognize heroes who have served and sacrificed during active duty. The banners will be displayed from May to November of 2023 with the help of the American Legion, the Chamber, and various other community service groups. Littman asked for the Council's

support for this project.

4. CONSENT CALENDAR

Matters listed under the Consent Calendar are considered routine and will be enacted by one motion and one vote. There will be no separate discussion of these items. If discussion is desired, a member of the audience or a Council Member may request an item be removed from the Consent Calendar and it will be considered separately.

4.1. SUBJECT

Notice of Completion - Stony Creek Development (JW)

RECOMMENDATION

Council to accept the Stony Creek Development public improvements as complete and authorize the City Engineer to file a Notice of Completion with the Tulare County Recorder's Office.

4.2. SUBJECT

Approval of City Council Meeting Minutes (MA)

RECOMMENDATION

Council to review and approve City Council meeting minutes of October 11, 2022 as presented.

4.3. SUBJECT

Ordinance No. 2022-11 (Montebella) Second reading and Adoption (Ksch)

RECOMMENDATION

Council conduct the second reading, waive reading in full, and adopt Ordinance 2022-11 pertaining to a change of zoning on four parcels located on the west side of Englehart Avenue north of the Saginaw Avenue alignment.

4.4. SUBJECT

20th Annual Veterans Dinner Sponsorship (MA)

RECOMMENDATION

Council to approve sponsorship in the amount of \$500 for the 20th Annual Veterans Dinner to be held on November 3, 2022, at the Orosi Memorial Hall.

A motion was made by Council Member Thusu, second by Council Member Nerio-Guerrero, to review and approve as presented.

Ayes: Launer, Longoria, Nerio-Guerrero, Reynosa, Thusu

5. WARRANT REGISTER

5.1. SUBJECT

Warrant Register October 14 & 21, 2022 (KS)

RECOMMENDATION

Council to review and approve the Warrant Register as presented.

A motion was made by Vice Mayor Reynosa, second by Council Member Nerio-Guerrero, to review and approve the Warrant Register as presented.

Ayes: Launer, Longoria, Nerio-Guerrero, Reynosa, Thusu

6. DEPARTMENT REPORTS

6.1. SUBJECT

Authorization to Purchase Entertainment Plaza Restroom (JW)

RECOMMENDATION

Council authorize the Parks Director to purchase the Entertainment Plaza Restroom in amount of \$163,505.00 from LB Foster.

City Engineer Jason Watts reported on the purchase of entertainment plaza restrooms. Watts stated the city staff evaluated several types of restrooms and chose the best fit for the area.

A motion was made by Vice Mayor Reynosa, second by Council Member Thusu, to authorize the Parks Director to purchase the Entertainment Plaza Restroom in the amount of \$163,505.00 from LB Foster.

Ayes: Launer, Longoria, Nerio-Guerrero, Reynosa, Thusu

6.2. SUBJECT

Cancellation or Rescheduling of November 8, 2022 City Council Meeting (MA)

RECOMMENDATION

Council to consider cancellation or rescheduling of the November 8, 2022, City Council meeting due to the general election.

City Clerk/Human Resources Director Alaniz presented that the City Council Meeting of November 8, 2022, be canceled or rescheduled due to this year's general election.

Mayor Launer asked if there would be any conflict in canceling both the November 8, 2022, City Council Meeting due to the election and the November 22, 2022, City Council Meeting due to the Thanksgiving Holiday. There are no conflicts expected according to staff.

A motion was made by Council Member Thusu, second by Council Member Nerio-Guerrero, to cancel the November 8, 2022, City Council Meeting due to the general election and the November 22, 2022, City Council Meeting due to the Thanksgiving Holiday.

Ayes: Launer, Longoria, Nerio-Guerrero, Reynosa, Thusu

6.3. SUBJECT

Dinuba/Malsch Sister City Committee Donation to fund Commemorative Seating Area at Rose Ann Vuich Park (SH)

RECOMMENDATION

Council receives information regarding a community donation in the amount of \$4,000 from the Dinuba/Malsch Sister City Committee for the installation of a seating area at Rose Ann Vuich Park.

Joann Truite and Carol Meinert presented a brief history of the Dinuba/Malsh Sister City Committee and of the proposed project of a bench-seat area at Rose Ann Vuich Park. A presentation was shown of what the bench and the area would look like once the project is completed.

Director Hurtado added that it would also be a beatification item that would in the future include lighting. The bench area would serve as a friendship bench that is expected to enrich Rose Ann Vuich park.

Mrs. Truite added that this has been an ongoing project that includes many community members and city staff. Truite thanked the Council for their support.

A motion was made by Council Member Thusu, second by Council Member Nerio-Guerrero, to receive information regarding a community donation in the amount of \$4,000 from the Dinuba/Malsch Sister City Committee for the installation of a seating area at Rose Ann Vuich Park.

Ayes: Launer, Longoria, Nerio-Guerrero, Reynosa, Thusu

6.4. SUBJECT

Roundabout Feasibility Study (JW)

RECOMMENDATION

Council to accept staffs recommendation on starting the environmental and design process for a roundabout located at the intersection of Road 56 and El Monte Way (Avenue 416).

Jason Watts City Engineer presented the Roundabout Feasibility Study that included collaboration among the City of Dinuba, 4 Creeks, and TCAG. The study indicates that roundabouts can reduce and prevent vehicle collisions and fatalities within certain intersections around the City of Dinuba. Five intersections were identified, El Monte Way & Road 56, Alta Avenue & Avenue 400, El Monte Way & Road 92, Alta Avenue & Nebraska, and Alta Avenue & Kamm Avenue.

Watts shared that the roundabout benefits discovered within the study were many including reduced conflict points where fatalities are reduced by 90%. A reduction of traffic congestion with less stop-and-go traffic, reduced operations and maintenance costs, and decreased air pollution, and the roundabout would serve to beautify the intersection.

Watts is requesting the council's direction in prioritizing the next roundabout project. Watts recommends El Monte & 56 based on the Feasibility Study finding that supports a reduction of traffic collisions and fatalities.

Vice Mayor Reynosa asked about a previously discussed Lincoln & El Monte roundabout for pedestrian safety. Reynosa asked that at the very least a blinking light should be installed to assist with pedestrian traffic. Director Hernandez advised that when identifying potential roundabout projects the least amount of property needed to purchase for the project was a priority.

Mayor Launer asked if a drainage project in conjunction with a roundabout project could be proposed. City Manager Patlan advised that the next roundabout project would look at storm drain improvements within the next CDBG study. Patlan advised the council's concerns would be added to the study.

A presentation will be given in a December meeting on various safety improvements around the city. Highway safety improvement grants will include pedestrian improvements and traffic improvements.

Council Member Thusu asked how large trucks would be affected going thru the roundabout. Engineer Watts advised there would be no problem. Thusu asked if a roundabout at Alta & Avenue 400 would be better to slow traffic coming into town rather than Kamm. Watts advised that during the new High School construction a roundabout has been planned for pedestrian safety.

Engineer Watts asked for the council's recommendation on the prioritization of the listed roundabout projects. Watts recommendation is to proceed with the prioritization of the Alta & 56 roundabout.

City Manager Patlan advised that the Alta & Avenue 400 roundabout is expected to include CalTrans funds.

A motion was made by Council Member Thusu, second by Council Member Nerio-Guerrero, to accept staffs recommendation on starting the environmental and design process for a roundabout located at the intersection of Road 56 and El Monte Way (Avenue 416).

Ayes: Launer, Longoria, Reynosa, Thusu

6.5. SUBJECT

Acceptance of \$2.0 Million Earmark from California Governor's Office of Emergency Services for the Purchase of a New Fire Ladder Truck (JORW)

RECOMMENDATION

Council to accept California Governor's Office of Emergency Services Pass Through Grant Subaward in the amount of \$2,000,000.00 for the purchase of new fire apparatus and fire apparatus equipment and authorize the City Manager or designee to sign any related documents.

Fire Chief Webster presented that the City has been awarded \$2.0 million through the office of Senator Melissa Hurtado to support the purchase of an aerial fire ladder truck. Webster stated the new apparatus will replace old equipment and will be formally ordered once funds have been accepted by the council.

Webster thanked Melissa Hurtado for the funds and recommends the Council approve and accept funds.

A motion was made by Council Member Thusu, second by Council Member Longoria, to accept California Governor's Office of Emergency Services Pass Through Grant Subaward in the amount of \$2,000,000.00 for the purchase of new fire apparatus and fire apparatus equipment and authorize the City Manager or designee to sign any related documents.

Ayes: Launer, Longoria, Nerio-Guerrero, Reynosa, Thusu

7. MAYOR/COUNCIL REPORTS

Council Member Nerio-Guerrero reported attending the Fire Station Centennial Celebration and thanked the fire staff for the event's success. Nerio-Guerrero advise attending Dog days and dressing up which she enjoyed.

Council Member Thusu thanked Public Works staff for their continued work around town, he is impressed with their hard work. Thusu thanked the Police department for their continued work. Thusu reported his gratitude and excitement in receiving 17.2 million in grants to be used to transform and improve the town. Congratulation to the staff who worked on grants.

Vice Mayor Reynosa reported attending the Fire Station Centennial Celebration and the event was well done. Reynosa attended the Dog Days event with her new dog. Reynosa invited everyone to the Historical Society's annual meeting this Sunday 2 pm - 4 pm.

Mayor Launer reported attending Dog Days and enjoying the event. Launer received a message regarding the Veterans Celebration and would like recognition for the celebration at the cemetery. Launer reported attending the Dinuba High School Ceremony recognizing their top award for Contraction Management.

8. CITY MANAGER COMMUNICATIONS

City Manager Patlan reported attending the Fire Station Centennial Celebration, staff did a great job.

9. CITY STAFF COMMUNICATIONS

Assistant City Manager James gave an update on the Library project, bid opening on November 10, 2022. James reported attending the Fire Station Centennial Celebration and Dog Days.

Fire Chief Webster thanked the council for attending the Fire Station Centennial Celebration. Webster thanked his staff for their hard work. Webster reported working on the recruitment for FireFighter/Paramedics.

Police Chief Iriarte shared his department has various upcoming community policing projects. Iriarte reported his staff attended Dog Days and a Grand View school event. Iriarte advised that the Prescription Takeback is this Saturday from 10 am - 2 pm., and the Brick and Stone Coffee with a Cop event is this Thursday from 7:30 am - 9 am.

Director Hernandez shared that the CTC/ATP scores were 98 points out of 100. Hernandez worked hard with staff and TCAG on 7 applications, and 3 scored high enough for funding. Hernandez thanked all city staff who were involved in helping improve the application process. Reynosa will thank TCAG for their support at the next meeting. Patlan reported working with Ted Smally throughout the grant process, he appreciates his encouragement and support for Dinuba. Council will send a formal recognition for the support.

Engineer Watts reported Englehart Avenue will reopen this Thursday. Watts advised of traffic control on West El Monte Way starting October 31, 2022, for work on a sewer main between Alice & Lillie that is expected to last 2 weeks.

Director Hurtado reported Dog Days went well and thanked the Council for their feedback. Hurtado shared that the goal for Dog Days is to fund improvements in the Dog Park area with the purchase of agility equipment. Hurtado is hopeful that the goal will be met with the next Dog Days. Hurtado advised there is no update for Viscaya park.

10. ADJOURNMENT

Mayor Launer adjourned the meeting at 8:02 p.m.



City Council Staff Report

Department: CITY MANAGER'S OFFICE

December 13, 2022

To: Mayor and City Council

From: Daniel James, Assistant City Manager

Subject: Letter of Support for Delta Mosquito & Vector Control District (DMVCD) & Oxitec's Research Authorization permit from the California Department of Pesticide Regulation (DJ)

RECOMMENDATION

Council to consider a letter of support for Delta Mosquito & Vector Control District (DMVCD) & Oxitec's Research Authorization (RA) permit from the California Department of Pesticide Regulation (CDPR).

EXECUTIVE SUMMARY

The Delta Mosquito and Vector Control District (Delta MVCD) have requested a letter of support for Oxitec's application for a Research Authorization, to evaluate Friendly™ *Aedes aegypti* mosquitoes in partnership with Delta MVCD in Tulare County.

OUTSTANDING ISSUES

None.

DISCUSSION

The Delta Mosquito and Vector Control District (Delta MVCD) have requested a letter of support for Oxitec's application for a Research Authorization, to evaluate Friendly™ *Aedes aegypti* mosquitoes in partnership with Delta MVCD in Tulare County. A copy of the request is attached herein as 'Attachment A.'

According to the Delta MVCD, the residents of the City of Dinuba and Tulare County are concerned about the invasive *Aedes aegypti* mosquito and have asked that safe, proven solutions to combat this spreading threat are made high priority. Providing a sustainable and effective control tool would benefit the communities at greatest risk and those that are least equipped to protect themselves. The Delta MVCD

recognizes the positive impact that a strong evaluation of this much-needed technology in Tulare County could have for all counties in California. Districts representing eleven counties recently signed up to the original Experimental Use Permit (EUP) application, seeking improved solutions for integration into their own mosquito management programs. More information is available for review in the Oxitec/Delta MVCD fact-sheet, which is included herein as 'Attachment B.'

Staff recommends Council support Oxitec's partnership with Delta MVCD by submitting a letter of support, which is attached herein as 'Attachment C', and encourage the California Department of Pesticide Regulation to approve Oxitec's Research Authorization for evaluation of their technology.

FISCAL IMPACT

None.

PUBLIC HEARING

None required.

ATTACHMENTS:

- A. Letter to Mayors & City Councils
- B. Oxitec and Delta MVCD factsheet
- C. Letter of Support



Cover Letter, Background, and Context

To: Mayor and City Council Members served by the Delta Mosquito and Vector Control District

From: Delta MVCD and Oxitec, Ltd.

Re: Battling the Spread of Invasive Mosquitoes

Date: November 28, 2022

This is to update local Mayors and Members of City Councils on the spread of invasive *Aedes aegypti* mosquitoes throughout the state and the need to prioritize policies to slow the human health threat it poses. The health of millions of Californians are at risk by the spread of diseases never previously transmitted in the state.

Aedes aegypti is an invasive species in California and survives in tropical and temperate climates. This species transmits Zika, dengue, and chikungunya. In the past 10 years, climate change has magnified the risks of invasive mosquitoes, and *Aedes aegypti* can now withstand temperate California winters, remaining a threat year after year.

Since first being detected in 2013 in the Central Valley, *Aedes aegypti* has spread to over 300 towns and cities throughout California and 25 counties, increasing the risk of transmission of viruses that cause dengue, chikungunya, Zika, and yellow fever. According to the California Department of Public Health, “none of these viruses are currently known to be transmitted within California, but thousands of people are infected with these viruses in other parts of the world, including in Puerto Rico, Mexico, Central and South America, the Caribbean, and Asia. The presence of *Aedes aegypti* mosquitoes in California poses a threat that Zika, dengue, and chikungunya viruses can be transmitted in infested areas from returned infected travelers.”

Local transmission of these viruses is possible in California. This year, local transmission of dengue has occurred in Puerto Rico, Florida, and Arizona. The Mexican state of Sonora has reported 8,000 cases with 63 people dying from dengue in 2022. While 582 Floridians picked up dengue while traveling, 32 people were infected at home because *Aedes aegypti* mosquitoes are in their neighborhoods.

In the past ten years, no new tools have been approved in California to fight the spread of *Aedes aegypti*. The COVID pandemic has reinforced the need for proactive public health interventions before there is a wide-spread disease outbreak. Unfortunately, California is showing no urgency to support the development of new tools to fight mosquito-borne diseases.

It has come to our attention that a few legislators and groups have raised concerns about a limited-duration research permit specifically limited to Tulare County to test a pioneering strategy that could help prevent and control an invasive mosquito population and the potential diseases that they could spread. Oxitec has developed safe, sustainable chemical-free, and highly effective biological pest control solutions to address invasive species.

Unfortunately, mosquito and vector control districts will soon reach a critical stage and not be able to stop *Aedes aegypti* from spreading diseases throughout the state, many of which have no cure or vaccine. Districts need new non-chemical tools that can help us fight back. To better control the spread of these pests and reduce health risks to Californians, we need the California Department of Pesticide Regulation (DPR) to follow the science and approve the research to give mosquito control districts additional tools to protect public health and safety.

This memo is to set the record straight and help address concerns that have been raised about Oxitec’s technology as it seeks approval from DPR for a research authorization permit that would allow it to use an innovative new tool through a pilot project, which will help control the invasive *Aedes aegypti* mosquitoes. The Mosquito and Vector Control

Association of California (MVCAC), American Mosquito Control Association (AMCA), and Entomological Society of America (ESA) strongly support innovative techniques and agree that Oxitec's research application to DPR should move forward expeditiously. These professional organizations understand it's important for the state to follow the science and approve the research necessary to give mosquito control districts additional tools to protect public health and safety.

Oxitec's technology can provide a key tool in the battle against *Aedes aegypti*. Like the successful programs in other countries, including Brazil, and here within the United States (Florida), Oxitec has developed a pioneering new technology that is safe, sustainable, and chemical-free by using a highly effective biological pest control solution. To ensure its effectiveness and safe use, Oxitec is seeking approval from DPR that would allow for limited use of pilot projects of its Friendly™ non-biting male *Aedes aegypti* mosquitoes. Male mosquitoes carry a self-limiting gene that is passed to biting, invasive female *Aedes aegypti* upon mating. (Only female mosquitoes bite; males are incapable of biting or imbibing blood.) As a result, the male's self-limiting gene, which cannot establish in the ecosystem, prevents female offspring from surviving. Only male progeny survive, thus preventing the potential spread of deadly diseases carried by female mosquitoes. Oxitec's technology does not use chemicals, and it does not harm beneficial insects like bees and butterflies. In addition, Oxitec is not testing on humans, and it is not introducing any risk to humans or the environment, as stated by the United States Environmental Protection Agency (USEPA) and Food and Drug Administration (FDA). It should also be noted that Oxitec's application would be limited only to pilot projects located in Tulare County, an area that is experiencing a significant increase in *Aedes aegypti*. Oxitec will seek approval from local governments before initiating any pilot projects.

Last, it's unfortunate this pioneering strategy, which US EPA has already approved for additional research under President Biden's Administration through an experimental use permit¹, in addition to being subjected to peer reviewed research², could miss an opportunity to sustainably control *Aedes aegypti* in California. This is because **some groups have taken the liberty to use a misinformation campaign instead of adhering to actual objective science-based information.** Certain groups are trying to persuade DPR from using a science-based approach to approve Oxitec's research authorization permit out of fear. Contrary to their assumptions, the use of Oxitec's technology has been extensively studied. But by no means is Oxitec suggesting its technology is a "one-size-fits-all solution." It is simply another tool, and a sustainable one without using chemicals, that could provide mosquito districts and public health officials the ability to stop the spread of *Aedes aegypti*. Oxitec must first be allowed to conduct more research in California through a research authorization permit as they have requested in their application to DPR. DPR has allowed for extensive public comment about this application, even more so than what has ever been previously required. At DPR's behest, Delta Mosquito and Vector Control District (Delta MVCD) and Oxitec have done extensive outreach and by having multiple webinars, knocking on over 1,000 doors and engaging the local community at every level. It is now time for the process to move forward and DPR to apply the science, or the state will continue to put the health of Californians at risk due to its losing battle against invasive mosquitoes.

For more information about the Delta MVCD-Oxitec project, please reach out to Delta MVCD General Manager, Mustapha Debboun (mdebboun@deltamvcd.org) or Oxitec's Director of US Programs, Rajeev Vaidyanathan (rajeev.vaidyanathan@oxitec.com).

You can also learn more about Oxitec's pioneering technology [here](#).

¹ EPA Expands and Extends Testing of Genetically Engineered Mosquitoes to Reduce Mosquito Populations, March 7, 2022.

² Psyche – Journal of Entomology. *Self-Limiting OX513A Aedes aegypti Demonstrate Full Susceptibility to Currently Used Insecticidal Chemistries as Compared to Indian Wild-Type Aedes aegypti* (hindawi.com), April 2018.



Oxitec Works to Bring Innovative Mosquito Control Technology to California

Mosquito-transmitted diseases are a public health threat and innovative interventions are urgently needed.

- According to the Centers for Disease Control and Prevention (CDC), [mosquitoes kill more people than any other creature in the world](#). *Aedes aegypti* is an invasive mosquito that can transmit viruses that cause Zika, dengue, chikungunya, yellow fever, and animal heartworm. There is no cure or vaccine for many of the diseases transmitted by *Aedes aegypti* mosquitoes.
- Climate change has magnified the risks of invasive mosquitoes and *Aedes aegypti* can now withstand temperate California winters, remaining a threat year after year. *Aedes aegypti* was first detected in California in 2013 and has now spread rapidly to more than 23 counties.
- Innovative mosquito control techniques are needed as these mosquitoes have shown resistance to pyrethroids, the most commonly used class of mosquito adulticide. This limits the efficacy of traditional mosquito control approaches.

Oxitec received U.S. EPA approval to implement a mosquito control pilot project in California and is now seeking approval from the California Department of Pesticide Regulation.

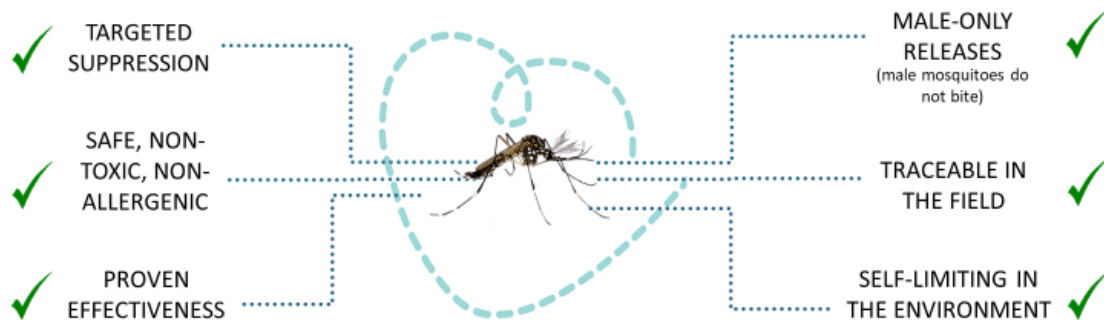
- On March 7, Oxitec received approval from the [U.S. Environmental Protection Agency](#) to initiate a pilot project in California and continue its project in Florida. The EPA's review included a [risk assessment](#) and [response to comments](#). Now, the California Department of Pesticide Regulation is conducting a scientific evaluation of Oxitec's *Aedes aegypti* technology which will include opportunities for the public to engage and review the results of the state's evaluations.
- Invasive *Aedes aegypti* mosquitoes are prevalent in the Central Valley and the Board of Trustees for the [Delta Mosquito and Vector Control District](#) (Delta MVCD) gave unanimous approval to partner with Oxitec to carry out focused projects in northern Tulare County.

Oxitec's technology has been proven to control disease vectors.

- Oxitec's Friendly™ male *Aedes aegypti* mosquitoes carry a self-limiting gene that prevents their female offspring from surviving, allowing for male-only production.
- The non-biting male mosquitoes emerge from just-add-water boxes to mate with biting females. The female offspring of these encounters cannot survive. As the number of biting females in the population is reduced, the overall population of the invasive *Aedes aegypti* also declines.
- Oxitec's self-limiting mosquitoes only mate with invasive *Aedes aegypti* females and this specificity leaves non-target species, such as bees, butterflies, and other wildlife, unharmed.



- Oxitec's mosquitoes are safe for humans and the environment, as confirmed by the U.S. Food and Drug Administration in 2016 and by the EPA in 2020.



Peer-reviewed scientific research and extensive evaluation shows Oxitec's technology is safe and effective.

- Oxitec recently secured regulatory approvals from the EPA and the Florida Department of Agriculture and Consumer Services for a pilot project in Florida. The decisions included input from the CDC and seven other State of Florida agencies, including the Departments of Health and Environmental Protection. The EPA's scientific and environmental assessments for this project included a review of over 4,500 pages of data and protocols, including 2,500+ pages of scientific peer-reviewed literature.
- Similar projects in the Brazilian city of Indaiatuba found that Oxitec's mosquito suppressed disease-carrying *Aedes aegypti* by up to 96% in urban, dengue-prone environments, as compared to untreated control sites in the same city.¹
- In May 2020, Oxitec received full biosafety approval for this technology from Brazil's national biosafety regulatory authority CTNBio after demonstrating the technology's full safety to human health and the environment.

¹ <https://www.frontiersin.org/articles/10.3389/fbioe.2022.975786/full>

To:
Julie Henderson, Director
California Department of Pesticide Regulation
1001 I Street
Sacramento, CA 95814

November 28, 2022

Re: Letter in Support of Delta Mosquito and Vector Control District-Oxitec Friendly™ *Aedes* Pilot Project

Dear Director Henderson,

As the Mayors and City Council Members in Tulare County, we represent our communities within the Delta Mosquito and Vector Control District (Delta MVCD) and write to register support for Oxitec's application for a Research Authorization, to evaluate Friendly™ *Aedes aegypti* mosquitoes in partnership with Delta MVCD in Tulare County.

Our residents are concerned about the invasive *Aedes aegypti* mosquito and that safe, proven solutions to combat this spreading threat are a high priority. Providing a sustainable and effective control tool would benefit the communities at greatest risk and those that are least equipped to protect themselves.

We recognize the positive impact that a strong evaluation of this much-needed technology in Tulare County could have for all counties in California. As you know, Districts representing eleven counties signed up to the original Experimental Use Permit (EUP) application, seeking improved solutions for integration into their own mosquito management programs.

We are of course confident that DPR's review process is comprehensive and are grateful that the review is underway. We support Oxitec's partnership with Delta MVCD and encourage DPR to approve Oxitec's Research Authorization for evaluation of their technology.

The Mayor and City Council Members of the City of Dinuba



City Council Staff Report

Department: FIRE SERVICES

December 13, 2022

To: Mayor and City Council

From: Jordan Webster, Fire Chief

Subject: Resolution No. 2022-59 Approving a Budget Amendment and to Authorize the Purchase of a New Fire Engine (JORW)

RECOMMENDATION

Council to adopt Resolution No. 2022-59 taking the following actions by one motion:

1. Approving Budget Amendment No. 2023-5 including the funds in the FY 2022-23 budget; and,
2. Authorize staff to order the new Fire Engine through the Houston-Galveston Area Council (HGACBuy) Purchasing Cooperative; and,
3. Authorize staff to execute any related documents and agreements associated with the purchase of the new Fire Engine.

EXECUTIVE SUMMARY

The current Fire Master Plan recommends the replacement of fire engines after 15 years of use. The City of Dinuba Fire Department currently has one 2007 Smeal Fire Engine that is in need of replacement as a “frontline vehicle” in 2022. The design and construction of a new fire engine is currently an eighteen to twenty four month process. So, by ordering the new fire engine now, the City of Dinuba Fire Department will be able to accept the new engine and place the old engine into a reserve status sometime in the late 2024. This will allow the department to utilize the old fire engine as a back-up while frontline apparatus is down for maintenance.

OUTSTANDING ISSUES

None.

DISCUSSION

In Fiscal Year 2022/2023 Council included the purchase of a new fire engine in the Capital Improvement Program. \$90,000.00 was included in the adopted budget to cover the first payment of a lease purchase for the purchase of a new Fire Engine. Due to increases in interest rates, staff no longer recommends a lease purchase option, instead recommending a pre-payment in full option. Pre-payment in full will prompt a discount of \$21,204.00 as well as save the increased cost of interest incurred by the lease purchase option.

The Houston-Galveston Area Council (HGACBuy) Purchasing Cooperative allows agencies to make the procurement process more efficient by establishing competitively priced contracts for goods and services. All contracts available through HGACBuy have been awarded through a public competitive procurement process that is compliant with State and local guidelines.

Staff is recommending the purchase of a Spartan/Smeal Type 1 Engine. This engine meets the requirements needed to maintain our current ISO rating and is similar in specifications to our current fleet. Maintaining consistency in the fleet will allow for efficiency in the operations of our personnel, which is critical during times of emergency. Specifications of the recommended Smeal Fire Engine can be found in Attachment "B". Due to the prolonged build time and benefit of pre-payment, tools and equipment needed to outfit the new Fire Engine will be included in future budget process.

Staff requests that the City Council adopt a resolution (Attachment 'A') approving a budget amendment (Exhibit 1) reflecting the expenditure for the outright purchase of the new Fire Engine. Staff also requests that Council authorize the Fire Chief to execute related documents for the ordering of the new Fire Engine.

FISCAL IMPACT

The cost for the new fire engine is \$774,124.72. This cost is comprised of \$713,479.00 for the fire engine, \$3,642.00 for a performance bond and \$60,645.72 for sales tax. The cost for the fire engine will be funded directly from Measure F.

PUBLIC HEARING

None.

ATTACHMENTS:

Attachment "A" Resolution 2022-59 for 2022-23 Budget Amendment, Exhibit 1

Budget Amendment 2023-5
Attachment "B" Smeal Type 1 Engine Specifications

RESOLUTION 2022-59

**A RESOLUTION OF THE COUNCIL OF THE CITY OF DINUBA
APPROVING AND ADOPTING THE BUDGET AMENDMENT FOR THE OUTRIGHT
PURCHASE OF A NEW FIRE ENGINE**

WHEREAS, the FY 2022/2023 Annual Budget reflects the City of Dinuba's ongoing commitment to providing core services to the community consistent with the strategic goals established by the City Council; and

WHEREAS, the FY 2022/23 Annual Budget; was approved by the City Council on June 28, 2022 by Resolution 2022-44 and any subsequent amendments must be approved by Resolution; and

WHEREAS, a budget amendment is necessary to allow for the outright purchase of a new Fire Engine that was budgeted originally in the 2022/23 fiscal year as a lease;

NOW, THEREFORE, BE IT RESOLVED, the Dinuba City Council hereby resolves that the FY 2022/2023 budget be amended to provide the full purchase price of a new Fire Engine

PASSED, APPROVED AND ADOPTED this 13 day of December 2022, at a regular meeting of the Dinuba City Council by the following vote:

AYES:

NOES:

ABSTAIN:

ABSENT:

BY:

ATTEST:

Mayor of the City of Dinuba

City Clerk



REQUEST FOR BUDGET AMENDMENT

Requested by:				
Account Numbers:		Fund Name Description	Budget Amounts	
Revenues:			Increase	Decrease
301		Public Safety Sales Tax (Measure F) Fund Balance		\$685,000
301.60.603-730.1050		Capital Outlay – Trucks and other Heavy Vehicles	\$685,000	

Reason(s) for Budget Amendment:

To purchase the Fire Engine outright. The lease of \$90,000 for the Fire Engine was included in the 2022/23 adopted budget, however with the increases to interest rates, it is in the City's best interest to purchase the Engine outright. The budget amendment of \$685,000 plus the originally budgeted \$90,000 for the lease will total the purchase amount \$775,000.

Department Director _____ Date _____

Approval Required Budget Amendment:

Administrative Services Director _____ Date _____

Signature

City Manager _____ Date _____

Signature

City Council: ☐ Approved ☐ Resolution # _____ ☐ Denied Date _____



PH: (402)719-1242 Email: Scottfasfire@gmail.com

Address: 1762 S Sycamore Ave, Rialto, CA

Dinuba Fire Department Spartan/Smeal Type 1 Engine



Scott Beck
Fire Apparatus Solutions
Sales Manager
402-719-1242
Scottfasfire@gmail.com

Metro Star

Fire Apparatus Solutions
2763 S. Vista AVE
Bloomington, CA 92316

Prepared By : TRISH HANSEN

trishfasfire@gmail.com

Prepared For :

DINUBA FIRE DEPARTMENT

Friday, September 16, 2022 2:23:42 PM CDT

Table of Contents

Quotation	3
Panel Layout	15
5020-002 Panel Layout	16
Specification	18

Quotation

			Description	Qty.
VEHICLE				
S	0100-011	MODEL	Metro Star	1
O	8012-002	CUSTOMERS / OEMS	Smeal (02070)[1002812]	1
S	8011-024	MODEL YEAR	Model Year - 2024	1
S	8001-001	COUNTRY OF SERVICE	Country of Service United States Of America	1
S	<u>8017-009</u>	CAB AND CHASSIS LABELING LANGUAGE	<u>Cab and Chassis Labeling Language English w/Innovative Controls Labels</u>	1
S	8006-009	APPARATUS TYPE	Apparatus Type Pumper	1
S	8008-001	VEHICLE TYPE	Vehicle Type Straight Truck	1
S	<u>8008A-000</u>	VEHICLE ANGLE OF APPROACH PACKAGE	<u>Vehicle Angle of Approach NFPA Minimum 8.00 Degrees</u>	1
S	0104-001	AXLE CONFIGURATION	Axle Configuration 4x2 (Rear Axle Drive Only)	1
S	<u>0101-003</u>	GROSS AXLE WEIGHT RATINGS FRONT	<u>GAWR Front 20000#</u>	1
O	<u>0102-003</u>	GROSS AXLE WEIGHT RATINGS REAR	<u>GAWR Rear 24000#</u>	1
S	<u>8010-201</u>	PUMP PROVISION	<u>Pump Provision Driveline Midship, Pump Mode Prog w/Auto Park Brake "N"</u>	1
O	8009-004	WATER & FOAM TANK CAPACITY	Water & Foam Tank Capacity Up to 750 Gallons	1
CAB				
S	1000-004	CAB STYLE	Cab Style MFD 10" Raised Roof	1
S	1501-002	CAB FRONT FASCIA	Cab Frt Fascia Classic	1
S	1518-025	FRONT GRILLE	Cab Frt Grille Hinged Classic Styled	1
S	1551-002	CAB UNDERCOAT	Cab Undercoat	1
S	1552-002	CAB SIDE DRIP RAIL	Cab Side Drip Rail	1
S	1521-001	CAB PAINT EXTERIOR	Cab Paint Exterior Single Color	1
S	1533-002	CAB PAINT MANUFACTURER	Cab Paint Manufacturer Sikkens	1
S	1522-001	CAB PAINT PRIMARY/LOWER COLOR	Cab Paint Primary/Lower Color No Selection/TBD	1
S	8013-056	CAB PAINT WARRANTY	Cab Paint Warranty (10) Year RFW0710	1
S	1334-036	CAB PAINT INTERIOR	Cab Paint Int Multi-tone Silver Gray	1
S	1005-001	CAB ENTRY DOORS	Cab Entry Doors (4)	1
O	1101-102	CAB ENTRY DOOR TYPE	Cab Entry Door Type Barrier Free w/Pollak Switches	1
S	1322-007	CAB INSULATION	Cab Insulation Nonwoven Polyester Fiber	1
O	<u>1556-009</u>	LH MID EMS COMPARTMENT	<u>LH Mid EMS Compartment 26"H w/Offset to 24"W Chamfered Corner</u>	1
O	<u>1558-007</u>	LH MID EMS COMPARTMENT EXTERIOR ACCESS	<u>LH Mid EMS Cmpt Ext Access 26"H Hng Dr</u>	1
O	<u>1560-002</u>	LH MID EMS COMPARTMENT INTERIOR	<u>LH Mid EMS Cmpt Interior Solid Wall No Access</u>	1
O	<u>1566-002</u>	LH MID EMS COMPARTMENT DOOR HARDWARE	<u>LH Mid EMS Cmpt Door Hardware D-Ring Latch</u>	1
O	1557-008	RH MID EMS COMPARTMENT	RH Mid EMS Compartment 26"H w/Offset to 24"W	1

			Chamfered Corner	
O	<u>1559-007</u>	RH MID EMS COMPARTMENT EXTERIOR ACCESS	<u>RH Mid EMS Cmpt Ext Access 26"H Hng Dr</u>	1
O	<u>1561-002</u>	RH MID EMS COMPARTMENT INTERIOR	<u>RH Mid EMS Cmpt Interior Solid Wall No Access</u>	1
O	<u>1567-002</u>	RH MID EMS COMPARTMENT DOOR HARDWARE	<u>RH Mid EMS Cmpt Door Hardware D-Ring Latch</u>	1
O	<u>5384-002</u>	MID EMS COMPARTMENT LIGHTING	Mid EMS Compartment Lighting LED	2
O	<u>1535-016</u>	MID EMS COMPARTMENT EXTERIOR FINISH	<u>Mid EMS Cmpt Ext Finish Multi-tone Silver Gray</u>	1
O	<u>1536-018</u>	MID EMS COMPARTMENT INTERIOR FINISH	<u>Mid EMS Cmpt Interior Finish Multi-tone Silver Gray</u>	1
S	<u>8004-033</u>	CAB STRUCTURAL WARRANTY	Cab Structural Warranty (10) Year RFW0602	1
S	<u>9001-006</u>	CAB TEST INFORMATION	<u>Cab Test Information Crash Test ECE-R29/SAE J2420/SAE J2422</u>	1

ELECTRICAL POWER DISTRIBUTION

S	<u>5000-018</u>	ELECTRICAL SYSTEM	Elec System 12V DC Multiplex	1
O	<u>5008-072</u>	OEM WIRING	OEM Wir Smeal ECM Park Brake Input	1
S	<u>5005-200</u>	MULTIPLEX DISPLAY	MUX Display Weldon Vista LH Sw Pnl	1
S	<u>5004-002</u>	LOAD MANAGEMENT SYSTEM	Load Management System Multiplex	1
S	<u>5622-003</u>	DATA RECORDING SYSTEM	Data Recording Sys Vehicle Data Weldon MUX	1
O	<u>5031-013</u>	ACCESSORY POWER	<u>Accessory Pwr & Gnd Stud 40A Batt & 15A Ign w/350A Mstr Sw/300A Batt OEM Conn</u>	1
O	<u>5030-037</u>	AUXILIARY ACCESSORY POWER	<u>Aux Acc Pwr 10 Fuse Pnl Bhd Off Seat w/40A Fuse Batt Dir 5' Loop</u>	1
S	<u>5011-001</u>	EXTERIOR ELECTRICAL TERMINAL COATING	<u>Exterior Electrical Terminal Coating Spray On Plasti Dip</u>	1
S	<u>8014-002</u>	ELECTRICAL SYSTEM WARRANTY	Electrical System Warranty (2) Year RFW0202	1

ENGINE

S	<u>1701-168</u>	ENGINE	Engine Diesel 450HP Cummins L9 - EPA 2021	1
S	<u>1329-001</u>	CAB ENGINE TUNNEL	Cab Engine Tunnel Small/Medium	1
S	<u>1731-002</u>	DIESEL PARTICULATE FILTER CONTROLS	<u>DPF Ctrl Regeneration Sw & Inhibit Sw</u>	1
S	<u>1718-002</u>	ENGINE PROGRAMMING HIGH IDLE SPEED	<u>Engine Programming High Idle Speed 1250 RPM</u>	1
S	<u>1719-005</u>	ENGINE HIGH IDLE CONTROL	Engine High Idle Ctrl Manual and Automatic w/MUX	1
S	<u>1710-001</u>	ENGINE PROGRAMMING ROAD SPEED GOVERNOR	<u>Engine Programming Road Speed Governor Enabled</u>	1
S	<u>1713-010</u>	AUXILIARY ENGINE BRAKE	Aux Engine Brake Compression Brake w/VG Turbo	1
S	<u>1708-008</u>	AUXILIARY ENGINE BRAKE CONTROL	<u>Aux Engine Brake Ctrl Off/Low/Med/High MUX</u>	1
S	<u>1720-003</u>	ELECTRONIC ENGINE OIL LEVEL INDICATOR	<u>Elec Engine Oil Level Indicator</u>	1
S	<u>1715-001</u>	FLUID FILLS	Fluid Fills Fwd For Med Displacement Cap	1
S	<u>1735-001</u>	ENGINE DRAIN PLUG	Engine Drain Plug	1
S	<u>8002-001</u>	ENGINE WARRANTY	Engine Warranty Cummins (5) Year/100,000 Miles	1

S	1707-116	REMOTE THROTTLE HARNESS	Rmt Throttle Harness Cab Harness Only Shift Interlock	1
S	<u>1721-001</u>	ENGINE PROGRAMMING REMOTE THROTTLE	<u>Engine Program Rmt Throttle Off</u>	1
S	1727-001	ENGINE PROGRAMMING IDLE SPEED	Engine Programming Idle Speed 700 RPM	1

AIR INTAKE

S	<u>2801-010</u>	ENGINE AIR INTAKE	<u>Engine Air Intake Filtration and Restriction w/Replaceable Element Abv Radiator</u>	1

COOLING

S	2704-016	ENGINE FAN DRIVE	Engine Fan Drive Variable Speed	1
S	2701-021	ENGINE COOLING SYSTEM	Engine Cooling System Serial Flow w/Package Drop-Out Prov	1
S	<u>2711-005</u>	ENGINE COOLING SYSTEM PROTECTION	<u>Engine Cooling System Protection Light Duty Skid Plate Paint Frame Color</u>	1
S	2708-001	ENGINE COOLANT	Engine Coolant Extended Life	1
S	<u>2706-003</u>	ELECTRONIC COOLANT LEVEL INDICATOR	<u>Elec Low Coolant Level Indicator</u>	1
S	2705-002	ENGINE PUMP HEAT EXCHANGER	Engine Pump Heat Exchanger	1
S	2709-001	COOLANT HOSES	Coolant Hoses Silicone	1
S	<u>2710-005</u>	ENGINE COOLANT OVERFLOW BOTTLE	<u>Engine Coolant Overflow Expansion Bottle</u>	1

EXHAUST

S	<u>2901-067</u>	ENGINE EXHAUST SYSTEM	<u>Eng Exhaust Sys Under Frm RH Single Module Aftertreatment Outboard</u>	1
S	2907-003	DIESEL EXHAUST FLUID TANK	Diesel Exhaust Fluid Tank LH 6 Gal Fill Thru Rr Step	1
S	2902-010	ENGINE EXHAUST ACCESSORIES	Engine Exhaust Acc Temp Mitigation	1
S	2906-002	ENGINE EXHAUST WRAP	Engine Exhaust Wrap	1
S	8018-002	EMISSIONS SYSTEM WARRANTY	Emissions System Warranty (5) Year/100,000 Miles RFW0140	1

TRANSMISSION

S	1801-015	TRANSMISSION	Transmission Allison 3000 EVS	1
S	<u>1806-001</u>	TRANSMISSION MODE PROGRAMMING	<u>Transmission Mode Programming 4th Startup/5th Mode</u>	1
S	<u>1811-004</u>	TRANSMISSION FEATURE PROGRAMMING	<u>Transmission Feature Programming Allison Gen 5 & 6-E I/O Package 198/Pumper</u>	1
S	1807-005	TRANSMISSION SHIFT SELECTOR	Transmission GEN 5 & 6-E Shift Sel Key Pad/Push Button	1
S	<u>1815-002</u>	ELECTRONIC TRANSMISSION OIL LEVEL INDICATOR	<u>Elec Transmission Oil Level Indicator</u>	1
S	<u>1814-002</u>	TRANSMISSION PRE-SELECT WITH AUXILIARY BRAKE	<u>2nd Gear Pre-Select</u>	1
S	1808-007	TRANSMISSION COOLING SYSTEM	Transmission Cooling System	1
S	1817-001	TRANSMISSION DRAIN PLUG	Transmission Drain Plug	1
S	8005-001	TRANSMISSION WARRANTY	Transmission Warranty Allison (5) Year	1

POWER TAKE OFF

S	2005-009	PTO LOCATION	PTO Location 8:00/4:00	1

DRIVELINE

S	3001-014	DRIVELINE	Driveline MSI 1710 w/Meritor U-Joints w/Thrust Washers	1
O	3005-073	MIDSHIP PUMP / GEARBOX	Midship Pump Jackshaft w/Smeal SMDH Pump Mount Holes	1
S	3008-085	MIDSHIP PUMP / GEARBOX MODEL	Midship Pump/Gearbox Model Waterous CSUC20 Fwd	1
S	3048-007	MIDSHIP PUMP GEARBOX DROP	Midship Driveline Pump Gearbox Drop Waterous "C"	1
S	3009-007	MIDSHIP PUMP RATIO	Midship Pump Ratio 2.27:1	1
O	<u>3010-0835</u>	MIDSHIP PUMP LOCATION C/L SUCTION TO C/L REAR AXLE	<u>Midship Pump Location C/L Suction to C/L Rear Axle 83.5"</u>	1
O	5013-005	PUMP SHIFT CONTROLS	Pump Shift Ctrl Elec Over Air in Knee Area Pmp Act Up	1
O	3049-003	PUMP SHIFT CONTROL PLUMBING	Pump Shift Control Plumbing Pre-Plumb Elec/Air	1

FUEL SYSTEMS

S	3109-067	FUEL FILTER/WATER SEPARATOR	Fuel Filter/Wtr Separator Fleetguard FS20121 w/Lt & Alarm	1
O	3111-002	FUEL LINES	Fuel Lines Wire Braid	1
S	3103-008	ELECTRIC FUEL PRIMER	Electric Fuel Primer Engine Sply Electric Lift Pump	1
O	3112-005	FUEL COOLER	Fuel Cooler Above Rear Axle	1
O	3101-106	FUEL TANK	Fuel Tank 68 Gallon Short	1
S	<u>3130-001</u>	FUEL TANK MATERIAL AND FINISH	<u>Fuel Tank Material Steel & Finish Painted Frame Components Color</u>	1
S	<u>3131-001</u>	FUEL TANK STRAP MATERIAL AND FINISH	<u>Fuel Tank Strap Material Steel & Finish Painted Frame Components Color</u>	1
S	3102-007	FUEL TANK FILL PORT	Fuel Tank Fill Port LH Rwd/RH Mid	1
O	<u>3114-002</u>	FUEL TANK SERVICEABILITY PROVISIONS	<u>Fuel Tank Serviceability Prov 8' Fuel Line Extension</u>	1
S	3115-002	FUEL TANK DRAIN PLUG	Fuel Tank Drain Plug Magnetic	1

FRONT AXLE

S	2401-003	FRONT AXLE	Frt Axle Meritor MFS 20000# Beam	1
S	8059-022	FRONT AXLE WARRANTY	Front Axle Warranty Meritor 2024	1
S	<u>2405-001</u>	FRONT WHEEL BEARING LUBRICATION	<u>Frt Wheel Bearing Lube Oil</u>	1

FRONT SUSPENSION

S	2502-002	FRONT SHOCK ABSORBERS	Frt Shock Absorbers Bilstein	1
S	2501-016	FRONT SUSPENSION	Frt Suspension 10 Leaf 20000-21500#	1

STEERING

S	2601-006	STEERING COLUMN/WHEEL	Steering Column/Wheel Tilt/Telescopic 18" 4 Spoke	1
S	<u>2609-002</u>	ELECTRONIC POWER STEERING FLUID LEVEL INDICATOR	<u>Elec Power Steering Fluid Level Indicator</u>	1
S	2603-011	POWER STEERING PUMP	Power Steering Pump TRW w/Passive Cooler	1
S	2606-009	FRONT AXLE CRAMP ANGLE	Front Axle Cramp Angle 48L/44R Degrees	1
S	2610-003	POWER STEERING GEAR	Power Steering Gear TRW TAS 65 w/Assist	1
S	2608-001	CHASSIS ALIGNMENT	Chassis Alignment	1

REAR AXLE

O	3401-002	REAR AXLE	Rear Axle 24000# Meritor RS-24-160	1
S	<u>3403-001</u>	REAR AXLE DIFFERENTIAL LUBRICATION	<u>Rear Axle Differential Lubrication Oil</u>	1
S	8061-019	REAR AXLE WARRANTY	Rear Axle Warranty Meritor 2024	1
S	<u>3411-001</u>	REAR WHEEL BEARING LUBRICATION	<u>Rear Wheel Bearing Lubrication Oil</u>	1
O	<u>3407-002</u>	REAR AXLE DIFFERENTIAL CONTROL	<u>Rear Axle Differential Ctrl DCDL</u>	1
S	3408-008	VEHICLE TOP SPEED	Vehicle Top Speed 68 MPH	1
S	3410-001	REAR AXLE EXTERNAL VENT	Rear Axle External Vent OEM Housing Breather	1

REAR SUSPENSION

S	3501-032	REAR SUSPENSION	Rear Susp Reyco 79KB Spring 21000-31500# Conventional	1

TIRES

S	<u>3625-002</u>	TIRE INTERMITTENT SERVICE RATING	<u>Tire Intermittent Service Ratings Acceptable</u>	1
O	3601-083	FRONT TIRE	Frt Tire 385/65R 22.5 Michelin X Multi HL Z	2
S	3602-012	REAR TIRE	Rear Tire 12R 22.5 Michelin XDN2	4
O	3413-513	REAR AXLE RATIO	Rear Axle Ratio 5.13	1
S	3614-030	TIRE PRESSURE INDICATOR	Tire Pressure Ind Frt & Rr LED	1

WHEELS

O	3701-034	FRONT WHEEL	Frt Wheel Alcoa Dura-Bright 22.5 x 12.25 Alum	2
O	3703-062	REAR WHEEL	Rr Whl Alcoa Dura-Bright 22.5 x 8.25 Alum	4
O	3719-002	BALANCE WHEELS AND TIRES	Balance Wheels & Tires	1
O	3702-002	WHEEL TRIM	Wheel Trim Hub & Nut Covers SS Shiploose	1

BRAKES

O	3205-044	BRAKE SYSTEM	Brake System ABS/ATC Sgl Axle	1
O	3206-001	FRONT BRAKES	Frt Brakes S-Cam Drum 16.5" x 6"	1
O	3207-004	REAR BRAKES	Rr Brakes S-Cam Drum 16.5" x 8.6"	1
S	3208-001	PARK BRAKE	Prk Brake Rr Wheels Only	1
O	3219-002	SUPPLEMENTAL BRAKE	Supplemental Brake Frt Service Brakes Prk Brk Actv	1
S	<u>3204-029</u>	PARK BRAKE CONTROL	<u>Prk Brake Ctrl LH Tunnel Mnt, Integrated w/Shift Pod, Adjacent To Trans Shifter</u>	1
O	3213-001	FRONT BRAKE SLACK ADJUSTERS	Frt Brake Slack Adjusters Meritor	1
S	3214-001	REAR BRAKE SLACK ADJUSTERS	Rr Brake Slack Adjusters Meritor	1
O	3202-005	AIR DRYER	Air Dryer Wabco System Saver 1200 Bhd LH Batt Box	1
O	3215-001	FRONT BRAKE CHAMBERS	Frt Brake Chambers MGM Type 30	1
O	3210-014	REAR BRAKE CHAMBERS	Rr Brake Chambers TSE 30/30	1

AIR SUPPLY SYSTEMS

S	3320-001	AIR COMPRESSOR	Air Compressor Wabco SS318 18.7 CFM	1
S	3339-004	AIR GOVERNOR	Air Governor Mnt on Air Dryer Bracket	1
O	3305-001	AUXILIARY AIR RESERVOIR	Aux Air Reservoir 1200 Cu In	1
O	3303-002	MOISTURE EJECTORS	Moisture Ejectors w/Cable	1
O	3307-001	AIR SUPPLY LINES	Air Sply Lines Nylon w/Compression Fittings	1
O	3310-001	AIR OUTLET CONNECTION	Air Outlet Conn LH Lwr Frt Step Mid Fwd	1
O	<u>3328-002</u>	PLUMBING AIR OUTLET CONNECTION	<u>Plumbing Air Outlet Conn</u>	1
O	3326-002	AIR INLET/OUTLET FITTING TYPE	Air Inlet/Outlet Manual Conn Tru-Flate Interchange 1/4"	1
S	<u>3338-002</u>	REAR AIR TANK MOUNTING	<u>Rear Air Tank Mnt Any Bhd Rear Axle Perpendicular w/Frame</u>	1

FRAME

O	<u>2103-1690</u>	WHEELBASE	<u>Wheelbase 169.0"</u>	1
O	<u>2106-0465</u>	REAR OVERHANG	<u>Rear Overhang 46.5"</u>	1
O	2101-001	FRAME	Frame Single Channel 34.25" Width	1
O	2117-004	FRAME CLEAR AREA	Frame Clear Area Inside/Outside Rail 30" Rwd Back of Cab	1
O	2110-101	FRAME PAINT	Frame Paint Powder Coat Black	1
S	<u>8007-036</u>	FRAME ASSEMBLY STRUCTURAL WARRANTY	<u>Frame Assembly Structural Warranty (50) Year RFW0305</u>	1
O	<u>8019-002</u>	FRAME RAIL CORROSION WARRANTY	<u>Frame Rail Corrosion Warranty (3) Year RFW0311</u>	1
S	<u>8022-004</u>	FRAME COMPONENTS CORROSION WARRANTY	<u>Frame Components Corrosion Warranty (3) Year RFW0315</u>	1

BUMPER

O	2201-006	FRONT BUMPER	Frt Bumper Formed Steel Special Approach Style	1
O	<u>2113-004</u>	FRAME MODIFICATION PROVISIONS	<u>Frm Modification Prov High Angle of Approach Front Section</u>	1
O	<u>2202-002</u>	FRONT BUMPER EXTENSION LENGTH	<u>Frt Bumper Extension Length 12.5"</u>	1
O	2206-001	FRONT BUMPER PAINT	Frt Bumper Paint Primary/Lower Cab Color	1
O	2208-003	FRONT BUMPER APRON	Frt Bumper Apron For 12.5" Extension	1
O	2237-005	FRONT BUMPER DISCHARGE	Front Bumper Discharge 2.5" LH Frame Mnt Plumbing	1
O	<u>2211-012</u>	FRONT BUMPER COMPARTMENT CENTER	<u>Frt Bumper Cmpt Ctr For Approach Style Bumper</u>	1
O	5503-021	MECHANICAL SIREN	Mechanical Siren Federal Signal Q2B Recess Mnt	1
O	2218-049	MECHANICAL SIREN LOCATION	Mech Siren Location Frt Bmpr Face LH Extreme OB	1
S	5501-020	AIR HORN	Air Horn (2) 21" Round Hadley E-Tone	1
O	2216-007	AIR HORN LOCATION	Air Horn Location (2) Frt Bmpr Face RH	1
S	2232-002	AIR HORN RESERVOIR	Air Horn Reservoir (1) 1200 Cu In	1
O	<u>5504-060</u>	ELECTRONIC SIREN SPEAKER	<u>Elect Siren Speaker 100W Federal Signal Dynamax w/EF Grille</u>	1
O	<u>2217-003</u>	ELECTRONIC SIREN SPEAKER LOCATION	<u>Elec Siren Speaker Location Frt Bmpr Face LH IB</u>	1

O	2204-006	FRONT BUMPER TOW EYES	Frt Bumper Tow Eyes 2" Chrome Through	1

CAB TILT

S	2301-001	CAB TILT SYSTEM	Cab Tilt System	1
O	2302-005	CAB TILT AUXILIARY PUMP	Cab Tilt Aux Pump Manual Mnt w/Tilt Pump	1
O	2303-003	CAB TILT LIMIT SWITCH	Cab Tilt Limit Sw Preset Limit	1
S	2305-001	CAB TILT CONTROL RECEPTACLE	Cab Tilt Ctrl Receptacle Temp	1
S	2306-002	CAB TILT LOCK DOWN INDICATOR	Cab Tilt Lock Down Indicator	1

CAB GLASS

S	1401-009	CAB WINDSHIELD	Cab Windshield	1
S	1402-005	GLASS FRONT DOOR	Glass Frt Dr Roll Down/XDuty Regulator	1
S	1407-001	GLASS TINT FRONT DOOR	Glass Tint Frt Dr Automotive Green	1
S	1419-012	GLASS REAR DOOR RIGHT HAND	Glass Rr Dr RH Roll Down/XDuty Regulator	1
S	1430-001	GLASS TINT REAR DOOR RIGHT HAND	Glass Tint Rr Door RH Automotive Green	1
S	1412-013	GLASS REAR DOOR LEFT HAND	Glass Rr Dr LH Roll Down/XDuty Regulator	1
S	1431-001	GLASS TINT REAR DOOR LEFT HAND	Glass Tint Rr Door LH Automotive Green	1
O	1410-010	GLASS SIDE MID RIGHT HAND	Glass Side Mid RH Fxd 16"W x 12"H	1
S	1432-001	GLASS TINT SIDE MID RIGHT HAND	Glass Tint Side Mid RH Automotive Green	1
O	1409-010	GLASS SIDE MID LEFT HAND	Glass Side Mid LH Fxd 16"W x 12"H	1
S	1433-001	GLASS TINT SIDE MID LEFT HAND	Glass Tint Side Mid LH Automotive Green	1

CLIMATE CONTROL

S	1614-202	CLIMATE CONTROL	Climate Ctrl Htr Defroster A/C SGM Ovrhd Alum	1
S	1632-002	CLIMATE CONTROL DRAIN	Climate Control Drain Gravity	1
O	1617-108	CLIMATE CONTROL ACTIVATION	Climate Ctrl Actv MUX	1
S	1620-015	HVAC OVERHEAD COVER PAINT	HVAC Overhead Cover Paint Multi-tone Silver Gray	1
S	1603-003	A/C CONDENSER LOCATION	A/C Condenser Location Roof Mnt Fwd Ctr	1
S	1601-013	A/C COMPRESSOR	A/C Compressor TM-31/QP-31	1
O	1530-103	UNDER CAB INSULATION	Under Cab Insulation Eng Tnl w/Removable Alum Overlay	1

CAB INTERIOR

S	1327-001	INTERIOR TRIM FLOOR	Interior Trim Floor	1
S	1302-001	INTERIOR TRIM	Interior Trim Vinyl	1
S	1368-002	REAR WALL INTERIOR TRIM	Rear Wall Interior Trim Vinyl	1
S	1306-006	HEADER TRIM	Header Trim XDuty	1
S	1305-015	TRIM CENTER DASH	Trim Center Dash XDuty w/Gas Cylinder Stays	1
S	1339-102	TRIM LEFT HAND DASH	Trim LH Dash XDuty	1
S	1321-004	TRIM RIGHT HAND DASH	Trim RH Dash XDuty Glove Cmpt/MDT Prov	1
S	1307-002	ENGINE TUNNEL TRIM	Eng Tnl Trim Flr Mat	1
O	5040-116	POWER POINT DASH MOUNT	Pwr Pnt Dash Mnt Batt Dir (4) Sw Pnl/(2) 2.4A USB Sw Pnl	1
S	1303-038	STEP TRIM	Step Trim Embossed & Diamond Cut Lwr Flex-Tred Mid	1
S	1379-003	UNDER CAB ACCESS DOOR	Under Cab Access Door Rear Step LH Painted	1

S	1102-013	INTERIOR DOOR TRIM	Interior Door Trim Painted	1
S	1323-001	DOOR TRIM CUSTOMER NAMEPLATE	<u>Door Trim Customer Nameplate</u>	1
S	1105-001	CAB DOOR TRIM REFLECTIVE	Cab Dr Trim Reflective Vert Stripe/6" Chevron w/Logo	1
S	1308-001	INTERIOR GRAB HANDLE "A" PILLAR	<u>Interior Grab Handle 'A' Pillar 11" Molded</u>	1
S	1332-008	INTERIOR GRAB HANDLE FRONT DOOR	<u>Interior Grab Handle Frt Door Horiz 9"</u>	1
S	1345-002	INTERIOR GRAB HANDLE REAR DOOR	<u>Int Grab Handle Rr Dr Alum Window Span 30" Black Powder Coat</u>	1
S	1301-003	INTERIOR SOFT TRIM COLOR	Interior Soft Trim Color Gray	1
S	1337-001	INTERIOR TRIM SUNVISOR	Interior Trim Sunvisor Vinyl	1
S	1304-001	INTERIOR FLOOR MAT COLOR	Interior Floor Mat Color Gray	1
S	1335-017	CAB PAINT INTERIOR DOOR TRIM	Cab Paint Int Dr Trim Multi-tone Silver Gray	1
S	1371-017	HEADER TRIM INTERIOR PAINT	Header Trim Interior Paint Multi-tone Silver Gray	1
S	1370-019	TRIM CENTER DASH INTERIOR PAINT	<u>Trim Center Dash Interior Paint Multi-tone Silver Gray</u>	1
S	1378-018	TRIM LEFT HAND DASH INTERIOR PAINT	<u>Trim LH Dash Interior Paint Multi-tone Silver Gray</u>	1
S	1373-018	TRIM RIGHT HAND DASH INTERIOR PAINT	<u>Trim RH Dash Interior Paint Multi-tone Silver Gray</u>	1
S	1344-002	DASH PANEL GROUP	Dash Pnl Group 3-Pnl	1
O	1312-003	SWITCHES CENTER PANEL	Switches Ctr Pnl 12 (6+6) LH	1
O	1313-007	SWITCHES LEFT PANEL	Switches Left Pnl 5 (3+2) w/Headlight/Dimmer/Wiper	1
S	1314-001	SWITCHES RIGHT PANEL	Switches Right Pnl 0	1

CAB SEATS

S	1225-007	SEAT BELT WARNING	Seat Belt Warn Vista Display w/VDR	1
O	1237-004	SEAT MATERIAL	Seat Material Turnout Tuff	1
S	1243-001	SEAT COLOR	Seat Color Gray/Red Seat Belts	1
S	1249-001	SEAT BACK LOGO	Seat Back Logo Spartan	4
O	1201-021	SEAT DRIVER	Seat Driver Seats Inc Battalion 10-Way Elect ABTS	1
S	1213-025	SEAT BACK DRIVER	Seat Back Driver Non-SCBA ABTS	1
S	1219-001	SEAT MOUNTING DRIVER	Seat Mounting Driver	1
O	1202-020	SEAT OFFICER	Seat Officer Seats Inc Battalion 6-Way Elect ABTS	1
O	1214-034	SEAT BACK OFFICER	Seat Back Officer SCBA IMMI SmartDock	1
O	1220-006	SEAT MOUNTING OFFICER	Seat Mounting Officer Fwd 3"	1
S	1297-002	POWER SEAT WIRING	Power Seats Wiring Battery Direct	1
S	1273-001	SEAT BELT ORIENTATION CREW	<u>Seat Belt Orientation Crew Outboard Shoulder To Inboard Hip</u>	1
S	1266-001	SEAT FORWARD FACING CENTER LOCATION	<u>Seat FFC Location (2) Ctr</u>	1
O	1206-019	SEAT CREW FORWARD FACING CENTER	<u>Seat Crew FFC Seats Inc Battalion Flip-Up</u>	2
O	1218-001	SEAT BACK FORWARD FACING CENTER	<u>Seat Back FFC Non-SCBA ABTS</u>	2
S	1269-101	SEAT FRAME FORWARD FACING	Seat Frm Fwd Fcg Dual	1
S	1281-101	SEAT FRAME FORWARD FACING	Seat Frm Fwd Fcg Strg Acc Dr (2) R/L Sd	1

STORAGE ACCESS

S	<u>1224-002</u>	SEAT MOUNTING FORWARD FACING CENTER	<u>Seat Mounting Forward Facing Center</u>	1
S	<u>1311-101</u>	CAB FRONT UNDERSEAT STORAGE ACCESS DOOR	<u>Cab Frt Undrst Strg Acc Dr</u>	1
S	<u>1355-019</u>	SEAT COMPARTMENT DOOR FINISH	Seat Compartment Door Finish Multi-tone Silver Gray	1

CAB EXTERIOR

S	<u>1511-200</u>	WINDSHIELD WIPER SYSTEM	Windshield Wiper System	1
S	<u>1534-002</u>	ELECTRONIC WINDSHIELD FLUID LEVEL INDICATOR	<u>Electronic Windshield Fluid Level Indicator</u>	1
O	<u>1103-004</u>	CAB DOOR HARDWARE	Cab Door Hardware Chrome w/Scuff Plate	1
O	<u>1111-004</u>	DOOR LOCKS	Door Locks Power (4) Entry Doors	1
O	<u>1113-003</u>	DOOR LOCK LH EMS COMPARTMENT	<u>Door Lock LH EMS Compartment Hng Power</u>	1
O	<u>1114-003</u>	DOOR LOCK RH EMS COMPARTMENT	<u>Door Lock RH EMS Compartment Hng Power</u>	1
O	<u>1112-003</u>	POWER DOOR LOCK COMPARTMENT ACTIVATION	<u>Power Door Lock Cmpt Actv MUX</u>	1
S	<u>1503-200</u>	GRAB HANDLES	Grab Handles SS 18"	1
O	<u>1504-039</u>	REARVIEW MIRRORS	Mirror Bus Style Ramco CRM-310-1750-CHCHR	1
S	<u>1529-003</u>	REARVIEW MIRROR HEAT SWITCH	Rearview Mirror Heat Sw MUX	1
O	<u>1513-009</u>	CAB FENDER	Cab Fender SS Wide	1
S	<u>1514-002</u>	MUD FLAPS FRONT	Mud Flaps Frt	1
O	<u>1526-031</u>	CAB EXTERIOR FRONT & SIDE EMBLEMS	<u>Cab Ext Frt & Side Emblems Spartan w/Side Shiploose</u>	1

START / CHARGING SYSTEMS

S	<u>5109-001</u>	IGNITION	Ign Mstr Sw w/Keyless Start	1
S	<u>5101-021</u>	BATTERY	Batt (6) Group 31 Harris	1
S	<u>5106-003</u>	BATTERY TRAY	Batt Tray (2) R/L Steel	1
S	<u>5107-007</u>	BATTERY BOX COVER	Batt Box Cover (2) Steel w/Black Handles	1
S	<u>5102-001</u>	BATTERY CABLE	Batt Cables	1
S	<u>5108-010</u>	BATTERY JUMPER STUD	Batt Jumper Stud Frt LH Lwr Step 8" Apart	1
O	<u>5104-001</u>	ALTERNATOR	Alternator Leece-Neville 270A	1
S	<u>5105-001</u>	STARTER MOTOR	Starter Motor Delco	1

LINE VOLTAGE ELECTRICAL POWER DISTRIBUTION

O	<u>5202-115</u>	BATTERY CONDITIONER	<u>Batt Cond Kussmaul Auto Charge 40 LPC On Top of LH EMS Compt</u>	1
O	<u>5203-003</u>	BATTERY CONDITIONER DISPLAY	Batt Cond Display LH Cab Side Fwd	1
O	<u>5209-039</u>	ELECTRICAL INLET LOCATION	Elec Inlet Location LH Cab Side Fwd Mid	1
S	<u>5204-055</u>	ELECTRICAL INLET	Elec Inlet 120V 20A Auto Eject	1
O	<u>5210-004</u>	ELECTRICAL INLET CONNECTION	Elec Inlet Conn to Batt Conditioner	1
O	<u>5206-010</u>	ELECTRICAL INLET COLOR	Elec Inlet Color White	1

LIGHTING

S	5301-102	HEADLIGHTS	Headlights 4 Headlamps LED	1
S	5337-001	HEADLIGHT LOCATION	Headlights Below Frt Warn Lts	1
S	5303-004	FRONT TURN SIGNALS	Frt Turn Signals Whelen 600 LED	1
S	5336-015	SIDE TURN/MARKER LIGHTS	Side Turn/Marker Lts LED Tecniq S170	1
S	5302-022	MARKER & ICC LIGHTS	Marker & ICC Lts Face Mnt LED Tecniq S170	1
O	<u>5350-092</u>	HEADLIGHT AND MARKER LIGHT ACTIVATION	<u>Hdlt & Mrkr Lt Actv Rkr Sw/DRL Ign Sw</u>	1
O	5426-008	LIGHTBAR SWITCH	Lightbar Sw Vista w/Clear Lt Cutoff	1
O	5305-351	INTERIOR OVERHEAD LIGHTS	Interior Overhead Lts Weldon Red/Clear Split Lens LED	1
S	<u>5388-003</u>	INTERIOR OVERHEAD LIGHTING ACTIVATION	<u>Int Ovrhd Lt Actv Resp Dr & MUX</u>	1
S	5403-062	LIGHTBAR PROVISION	Lightbar Prov Wire & Lwr Mnt Chassis Supply	1
O	<u>5450N-011</u>	CAB FRONT LIGHTBAR MODEL	<u>Cab Front Lightbar Model Whelen - Not Listed/PreConfigured</u>	1
O	<u>5450-418</u>	CAB FRONT LIGHTBAR	<u>Cab Frt Ltbar Whelen Justice 56" JE2NFPA LED 8R2C Layout 1</u>	1
O	5317-183	FRONT SCENE LIGHTS	Frt Scene Lts FireTech FT-B-46-W 12V LED 46" White	1
O	5329-003	FRONT SCENE LIGHT LOCATION	Frt Scene Lt Loc Ctr Brow Pos	1
O	5335-003	FRONT SCENE LIGHTS ACTIVATION	Frt Scene Lts Actv Vista	1
O	5306-065	SIDE SCENE LIGHTS	Side Scene Lts Whelen 900 12V Super 24 LED Clear Gradient	1
O	5318-004	SIDE SCENE LIGHT LOCATION	Side Scene Lt Loc Upper Mid Rwd 10" Roof Position	1
O	5316-004	SIDE SCENE ACTIVATION	Side Scene Actv Indv Sw & Resp Side Doors	1
S	5308-300	GROUND LIGHTS	Ground Lts Tecniq T44 LED	1
O	5386-011	GROUND LIGHTING ACTIVATION	Ground Lt Actv Resp Sd Dr & Rkr Sw	1
S	5309-003	LOWER CAB STEP LIGHTS	Lwr Cab Step Lts Tecniq T44 LED	1
O	5382-007	INTERMEDIATE STEP LIGHTS	Intermediate Step Lts Tecniq D06 LED	1
O	5310-002	MAP LIGHTS	Map Lt Roxter RH Dash	1
S	5312-003	ENGINE COMPARTMENT LIGHT	Engine Cmpt Work Lt LED (1)	1

OPTICAL WARNING DEVICES

S	5406-119	DO NOT MOVE APPARATUS LIGHT	Do Not Move App Lt Flashing Red Tecniq K50 LED w/Alarm	1
S	5422-002	MASTER WARNING SWITCH	Mstr Warn Sw MUX	1
S	5409-002	HEADLIGHT FLASHER	Headlight Flasher Alternating	1
O	5425-018	HEADLIGHT FLASHER SWITCH	Headlight Flasher Sw Pnl	1
O	5401-002	INBOARD FRONT WARNING LIGHTS	Inboard Frt Warn Lts Whelen 600 LED Chrm Bezel	1
O	<u>5413-002</u>	INBOARD FRONT WARNING LIGHTS COLOR	<u>Inboard Frt Warn Lts Color Red</u>	1
O	5423-003	FRONT WARNING SWITCH	Frt Warn Sw Vista	1
O	5404-002	INTERSECTION WARNING LIGHTS	Intersection Warn Lts Whelen 600 Super LED	1
O	<u>5419-002</u>	INTERSECTION WARNING LIGHTS COLOR	<u>Int Warn Lts Color Red</u>	1
O	<u>5420-002</u>	INTERSECTION WARNING LIGHTS LOCATION	<u>Intersection Warn Lts Location Bumper Tail Rwd</u>	1
O	5402-002	SIDE WARNING LIGHTS	Side Warn Lts Whelen 600 Super LED	1
O	5418-002	SIDE WARNING LIGHTS COLOR	Side Warn Lts Color Red	1

O	5412-009	SIDE WARNING LIGHTS LOCATION	Side Warn Lts Location Lwr Mid Fwd Position	1
O	5424-003	SIDE AND INTERSECTION WARNING SWITCH	<u>Side & Intersection Warn Sw Vista</u>	1
O	5469-004	TANK LEVEL LIGHTS	Tank Lvl Lts Whelen PSTANK2 w/Chrm Bzl	1
O	5470-003	TANK LEVEL LIGHTS ACTIVATION	<u>Tank Lvl Lights Actv FRC Lt Driver Under Dash Ign & Prk Brake</u>	1
O	5471-002	TANK LEVEL LIGHTS LOCATION	Tank Lvl Lights Loc Rear Cab Sides	1
O	5449-049	REAR WARNING LIGHTS	<u>Rr Warn Lts Prewire & Cutout Whelen TACTL5 Traf Advsr Sw Pnl MstrPwr</u>	1
O	5407-003	INTERIOR DOOR OPEN WARNING LIGHTS	<u>Int Dr Open Warn Lts Red Truck-Lite 4" LED Flsh</u>	1

AUDIBLE WARNING DEVICES

O	5510-004	SIREN CONTROL HEAD	Siren Ctrl Head Whelen 295HFS2	1
O	5514-002	STEERING WHEEL HORN BUTTON SELECTOR SWITCH	<u>Horn Btn Sel Sw Elec Horn/Air Horn</u>	1
O	5512-037	AIR HORN AUXILIARY ACTIVATION	Air Horn Actv (2) PB Sw Pnl	1
O	5513-177	MECHANICAL SIREN BRAKE/AUXILIARY ACTIVATION	<u>Mech Siren Actv (2) PB Sw Pnl/(2) Brk Sw</u>	1
O	5532-001	MECHANICAL SIREN INTERLOCK	Mechanical Siren Interlock Master Warn Only	1
S	5505-002	BACK-UP ALARM	Back-Up Alarm Ecco 575	1

INSTRUMENTATION

S	5601-041	INSTRUMENTATION	Instrumentation Standard	1
S	5624-001	BACKLIGHTING COLOR	Backlighting Color Red	1

COMMUNICATIONS SYSTEMS

O	5701-300	RADIO	Radio Jensen WB/AM/FM/iPod/Sat/BT	1
O	5736-200	RADIO LOCATION	Radio Overhead RH	1
O	5707-003	AM/FM ANTENNA	AM/FM Antenna RH Fwd Cab Roof	1
O	5737-200	RADIO SPEAKERS	Radio Speakers (4) Front/Rear	1
O	5726-002	CAMERA LEFT HAND	Camera LH Teardrop	1
O	5727-002	CAMERA RIGHT HAND	Camera RH Teardrop	1
O	5728-009	CAMERA REAR	Camera HD Rear Box	1
O	5731-004	CAMERA DISPLAY	Camera Display on Vista	1
O	5732-002	CAMERA SPEAKER	Camera Speaker	1
O	5702-023	TWO-WAY RADIOS	Two-Way Radio Exterior Conduit to Under RH Seat	1
S	5020-002	PANEL LAYOUT	Panel Layout	1

ADDITIONAL EQUIPMENT

S	8814-002	CAB EXTERIOR PROTECTION	Cab Exterior Protection Front	1
S	8806-001	FIRE EXTINGUISHER	Fire Extinguisher Shiploose	1
O	8807-002	ROAD SAFETY KIT	Road Safety Kit Shiploose	1
S	8810-001	DOOR KEYS	Door Keys for Manual Locks (4)	1

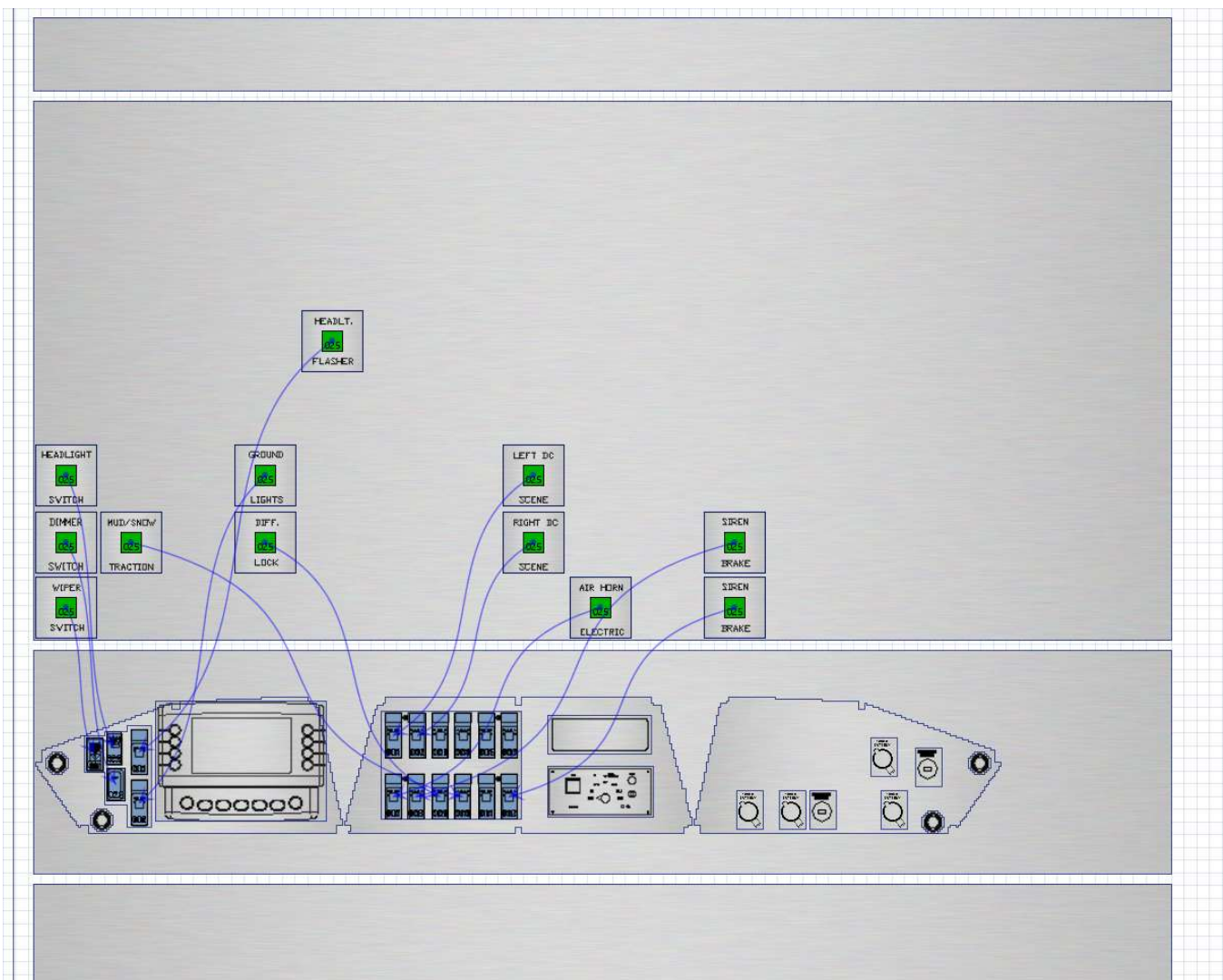
SALES ADMIN

S	8003-197	WARRANTY	Warranty Cab and Chassis (2) Year RFW0102	1
S	8030-006	CHASSIS OPERATION MANUAL	Chassis Operation Manual Digital Copy (2)	1
S	<u>8031-024</u>	ENGINE & TRANSMISSION OPERATION MANUAL	<u>Eng & Trans Operation Man Eng Hard Copy/Trans Digital/Eng Owner Digital</u>	1
O	<u>8032-002</u>	ENGINE SERVICE MANUAL	<u>Engine Service Manual Hard Copy Cummins Med Displacement</u>	1
O	8033-001	TRANSMISSION SERVICE MANUAL	Transmission Service Manual Hard Copy Allison 3000 EVS	1
S	<u>8805-007</u>	CAB/CHASSIS AS BUILT WIRING DIAGRAMS	<u>Cab/Chassis As Built Wiring Diagrams Digital Copy (2)</u>	1
S	8039-001	SALES TERMS	Sales Terms	1

ENGINEERING

O	9005-002	DRIVELINE LAYOUT CONFIRMATION	Driveline Layout Confirmation Required	1
O	2124-009	EFCM/REAR CROSSMEMBERS	End of Frame Cross Member 2.25" From EOF	1

5020-002 Panel Layout



Option Description

SWITCH PANEL - MISC PANELS

LEGEND LOCATION

SW PNL CENTER 12 (6+6) SW LH 2010 94"
 WHELEN TACTL CONTROLLER CUTOUT
 SIREN CONTROL HEAD WHELEN 295HFS2
 MECH SIREN PB ACTV 2010 94"
 POWER POINT DASH MNT (1) BATT DIR
 USB POWER POINT DASH MNT BATT DIR (3)
 PWR POINT DASH MNT (4) BATT DIR
 USB POWER POINT DASH MNT (2) BATT DIR 2010 94"
 PWR POINT DASH MNT (5) BATT DIR
 AIR HORN PB 2010 94"
 PWR POINT DASH MNT (4) BATT DIR
 MUX DISPLAY (1) DRIVER PNL 2010
 AIR HORN PUSH BUTTON SECONDARY 94"
 MECH SIREN PB ACTV 2010 94"
 SWITCH PANEL FAR LH (5) SWITCH 2010
 GROUND LTS RKR SW MUX
 REAR AXLE DRIVER CONTROL DIFFERENTIAL LOCK

HDLT & MRKR LT ACTV DIMMER SW
HDLT & MRKR LT RKR SW 94/96
BRAKE SYSTEM TYPE ATC RKR SW 'MUD/SNOW TRACTION'
LEFT DC SCENE
RIGHT DC SCENE
HEADLIGHT FLASHER SW
WINDSHIELD WIPER SYSTEM SINGLE MOTOR
HORN RING SEL SW ELEC HORN/AIR HORN
MECH SIREN BRK RKR SW
Mech Siren Actv (2) PB Sw Pnl/(2) Brk Sw

Specification

0100-011

MODEL

The chassis shall be a Metro Star model. The cab and chassis shall include design considerations for multiple emergency vehicle applications, rapid transit and maneuverability. The chassis shall be manufactured for heavy duty service with the strength and capacity to support a fully laden apparatus, one hundred (100) percent of the time.

8011-024

MODEL YEAR

The chassis shall have a vehicle identification number that reflects a 2024 model year.

8001-001

COUNTRY OF SERVICE

The chassis shall be put in service in the country of United States of America (USA).

The chassis will meet applicable U.S.A. federal motor vehicle safety standards per CFR Title 49 Chapter V Part 571 as clarified in the incomplete vehicle book per CFR Title 49 Chapter V Part 568 Section 4 which accompanies each chassis. The chassis manufacturer is not responsible for compliance to state, regional, or local regulations. Dealers should identify those regulations and order any necessary optional equipment from the chassis manufacturer or their OEM needed to be in compliance with those regulations.

8017-009

CAB AND CHASSIS LABELING LANGUAGE

The cab and chassis shall include the applicable caution, warning, and safety notice labels with text to be written in English. All applicable caution, warning, and safety notice labels shall be Innovative Controls brand. Where applicable to the location within the specific layout and label package of the cab and chassis, the labels shall include decorative chrome bezels. Designs shall include bezels that fit individual labels or packaged configurations of labels in certain common locations.

The following labels shall be Innovative Controls brand, each including a decorative chrome bezel (where applicable):

- Shoreline
- Aerial Stowed
- Aerial Breakers 2
- Air Conditioner
- Cab Tilt Plate
- Air Compressor Breaker
- Battery Conditioner Breaker
- Helmet Caution
- Horn Tag

- Q2B Tag
- Load Center Plate
- Not a Step Label
- Occupancy Tag
- Do Not Move
- Occupants Must Be Seated
- Do Not Stand
- Danger Do Not Weld
- Danger--Untrained Operator
- DEF Fill Access (Including Additional 2907 Optional Labels)
- Battery Direct
- Kneeling
- IFS Air Fault
- Engine Brake
- Retarder
- LR 100 Amp Node
- 300 Amp EPU
- 100 Amp Front O/R Node
- 100 Amp T/T Node
- 100 Amp RR O/R Node
- 10 Amp EPU
- Master Power
- 12 Volt Power
- Aerial Hours
- Pump In Drive

Windshield Washer Fluid

8006-009

APPARATUS TYPE

The apparatus shall be a pumper vehicle designed for emergency service use which shall be equipped with a permanently mounted fire pump which has a minimum rated capacity of 750 gallons per minute (3000 L/min). The apparatus shall include a water tank and hose body whose primary purpose is to combat structural and associated fires.

8008-001

VEHICLE TYPE

The chassis shall be manufactured for use as a straight truck type vehicle and designed for the installation of a permanently mounted apparatus behind the cab. The apparatus of the vehicle shall be supplied and installed by the apparatus manufacturer.

8008A-000

VEHICLE ANGLE OF APPROACH PACKAGE

The angle of approach of the apparatus shall be a minimum of 8.00 degrees.

NFPA1901 Angle of Approach definition:

“To determine the angle of approach, place a thin steel strip against the front of the tires where they touch the ground or stretch a tight string from one front tire to the other at the front where they touch the ground. Determine the lowest point (component or equipment) on the vehicle forward of the front tire

that would make the smallest angle of approach. Hang a plumb bob from the lowest point and mark the point on the ground where the point of the plumb bob touches. Measure the vertical distance from the ground to the point where the plumb bob was hung (distance V). Measure the horizontal distance from the plumb bob point to the steel strip or string running from front tire to front tire (distance H). Divide the vertical distance by the horizontal distance. The ratio of V/H is the tangent of the angle of approach. If the ratio is known, the angle of approach can be determined from a table of trigonometric functions of angles or from a math calculator. The standard requires a minimum angle of approach of 8.00 degrees: since the tangent of 8.00 degrees is 0.1405, if V divided by H is 0.1405 or larger, the angle of approach is 8.00 degrees or greater.”

0104-001

AXLE CONFIGURATION

The chassis shall feature a 4 x 2 axle configuration consisting of a single rear drive axle with a single front steer axle.

0101-003

GROSS AXLE WEIGHT RATINGS FRONT

The front gross axle weight rating (GAWR) of the chassis shall be 20,000 pounds.

This front gross axle weight rating shall be adequate to carry the weight of the completed apparatus including all equipment and personnel.

0102-003

GROSS AXLE WEIGHT RATINGS REAR

The rear gross axle weight rating (GAWR) of the chassis shall be 24,000 pounds.

This rear gross axle weight rating shall be adequate to carry the weight of the completed apparatus including all equipment and personnel.

8010-201

PUMP PROVISION

The chassis shall include provisions to mount a drive line pump in the middle of the chassis, behind the cab, more commonly known as the midship location. Chassis driveline pump provisions shall include an interlock feature for automatic setting of the park brake when the vehicle is shifted into pump mode while the transmission is in neutral and the transmission output speed translates to less than 1 mph. When the conditions are met the driver side parking brake valve shall activate. Once shifted to road mode the condition for electric automatic brake engagement is no longer present and the driver's parking brake control valve shall function normally.

8009-004

WATER & FOAM TANK CAPACITY

The chassis shall include a carrying capacity of up to 750 gallons (2839 liters). The water and/or foam tank(s) shall be supplied and installed by the apparatus manufacturer.

1000-004

CAB STYLE

The cab shall be a custom, fully enclosed, MFD model with a 10.00 inch raised roof over the driver, officer, and crew area, designed and built specifically for use as an emergency response vehicle by a company specializing in cab and chassis design for all emergency response applications. The cab shall be designed for heavy-duty service utilizing superior strength and capacity for the application of protecting the occupants of the vehicle. This style of cab shall offer up to eight (8) seating positions.

The cab shall incorporate a fully enclosed design with side wall roof supports, allowing for a spacious cab area with no partition between the front and rear sections of the cab. To provide a superior finish by reducing welds that fatigue cab metal; the roof, the rear wall and side wall panels shall be assembled using a combination of welds and proven industrial adhesives designed specifically for aluminum fabrication for construction.

The cab shall be constructed using multiple aluminum extrusions in conjunction with aluminum plate, which shall provide proven strength and the truest, flattest body surfaces ensuring less expensive paint repairs if needed. All aluminum welding shall be completed to the American Welding Society and ANSI D1.2-96 requirements for structural welding of aluminum.

All interior and exterior seams shall be sealed for optimum noise reduction and to provide the most favorable efficiency for heating and cooling retention.

The cab shall be constructed of 5052-H32 corrosion resistant aluminum plate. The cab shall incorporate tongue and groove fitted 6061-T6 0.13 & 0.19 inch thick aluminum extrusions for extreme duty situations. A single formed, one (1) piece extrusion shall be used for the "A" pillar, adding strength and rigidity to the cab as well as additional roll-over protection. The cab side walls and lower roof skin shall be 0.13 inch thick; the rear wall and raised roof skins shall be 0.09 inch thick; the front cab structure shall be 0.19 inch thick.

The exterior width of the cab shall be 94.00 inches wide with a minimum interior width of 88.00 inches. The overall cab length shall be 131.10 inches with 54.00 inches from the centerline of the front of the axle to the back of the cab.

The cab interior shall be designed to afford the maximum usable interior space and attention to ergonomics with hip and legroom while seated which exceeds industry standards. The crew cab floor shall be flat across the entire walking area for ease of movement inside the cab.

The cab shall offer an interior height of 57.50 inches from the front floor to the headliner in the non-raised roof area and a rear floor to headliner height of 65.00 inches in the raised roof area, at a minimum. The cab shall offer an interior measurement at the floor level from the rear of the engine tunnel to the rear wall of the cab of 51.88 inches. All interior measurements shall include the area within the interior trimmed surfaces and not to any unfinished surface.

The cab shall include a driver and officer area with two (2) cab doors large enough for personnel in full firefighting gear. The front doors shall offer a clear opening of 40.25 inches wide X 53.50 inches high, from the cab floor to the top of the door opening. The cab shall also include a crew area with up to two (2) cab doors, also large enough for personnel in full firefighting gear. The rear doors shall offer a clear opening of 32.25 inches wide X 61.00 inches high, from the cab floor to the top of the door opening.

The cab shall incorporate a progressive two (2) step configuration from the ground to the cab floor at each door opening. The progressive steps are vertically staggered and extend the full width of each step well allowing personnel in full firefighting gear to enter and exit the cab easily and safely.

The first step for the driver and officer area shall measure approximately 11.50 inches deep X 31.13 inches wide. The intermediate step shall measure approximately 8.50 inches deep X 32.50 inches wide. The height from the first step to the intermediate step and the intermediate step to the cab floor shall not exceed 11.00 inches.

The first step for the crew area shall measure approximately 11.50 inches deep X 20.44 inches wide. The intermediate step shall measure approximately 10.25 inches deep X 22.75 inches wide. The height from the first step to the intermediate step and the intermediate step to the cab floor shall not exceed 12.80 inches.

1501-002

CAB FRONT FASCIA

The front cab fascia shall be constructed of 5052-H32 Marine Grade, 0.13 of an inch thick aluminum plate which shall be an integral part of the cab.

The cab fascia will encompass the entire front of the aluminum cab structure from the bottom of the windshield to the bottom of the cab and shall be the "Classic" design.

The front cab fascia shall include two (2) molded plastic modules on each side accommodating a total of up to four (4) Hi/Low beam headlights and two (2) turn signal lights or up to four (4) warning lights. A chrome plated molded plastic bezel shall be provided on each side around each set of four lamps.

1518-025

FRONT GRILLE

The front fascia shall include a box style, 304 stainless steel front grille 44.45 inches wide X 33.50 inches high X 1.50 inches deep. The grille shall include a minimum free air intake of 732.00 square inches. The upper portion of the grille shall be hinged to provide service access behind the grille.

1551-002

CAB UNDERCOAT

There shall be a rubberized undercoating applied to the underside of the cab that provides abrasion protection, sound deadening and corrosion protection.

1552-002

CAB SIDE DRIP RAIL

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

1521-001

CAB PAINT EXTERIOR

The cab shall be painted prior to the installation of glass accessories and all other cab trim to ensure complete paint coverage and the maximum in corrosion protection of all metal surfaces.

All metal surfaces on the entire cab shall be ground by disc to remove any surface oxidation or surface debris which may hinder the paint adhesion. Once the surface is machine ground a high quality acid etching of base primer shall be applied. Upon the application of body fillers and their preparation, the cab shall be primed with a coating designed for corrosion resistance and surface paint adhesion. The maximum thickness of the primer coat shall be 2.00 mils.

The entire cab shall then be coated with an intermediate solid or epoxy surfacing agent that is designed to fill any minor surface defects, provide an adhesive bond between the primer and the paint and improve the color and gloss retention of the color. The finish to this procedure shall be a sanding of the cab with 360 grit paper followed by sealing the seams with SEM brand seam sealer.

The cab shall then be painted the specific color designated by the customer with an acrylic urethane type system designed to retain color and resist acid rain and most atmospheric chemicals found on the fire ground or emergency scene. The paint shall have a minimum thickness of 2.00 mils, followed by a clear top coat not to exceed 2.00 mils. The entire cab shall then be baked at 180 degrees for one (1) hour to speed the curing process of the coatings.

1533-002

CAB PAINT MANUFACTURER

The cab shall be painted with Sikkens paint.

1522-001

CAB PAINT PRIMARY/LOWER COLOR

The primary/lower paint color shall be:

8013-056

CAB PAINT WARRANTY

Purchaser shall receive a Paint and Finish (Exterior Clear coated) Ten (10) Years limited warranty in accordance with, and subject to, warranty certificate RFW0710. The warranty certificate is incorporated by reference into this proposal, and included with this proposal or available upon request.

1334-036

CAB PAINT INTERIOR

The visible interior cab structure surfaces shall be painted with a multi-tone silver gray texture finish.

1005-001

CAB ENTRY DOORS

The cab shall include four (4) entry doors, two (2) front doors and two (2) crew doors designed for ease of entering and egress when outfitted with an SCBA. The doors shall be constructed of extruded aluminum with a nominal thickness of 0.13 inch. The exterior skins shall be constructed of 0.13 inch aluminum plate.

The doors shall include a double rolled style automotive rubber seal around the perimeter of each door frame and door edge which ensures a weather tight fit.

All door hinges shall be hidden within flush mounted cab doors for a pleasing smooth appearance and perfect fit along each side of the cab. Each door hinge shall be piano style with a 0.38 inch pin and shall be constructed of stainless steel.

1101-102

CAB ENTRY DOOR TYPE

All cab entry doors shall be barrier clear design resulting in exposed lower cab steps. The doors shall provide approximately 32.00 inches of clearance from the ground to the bottom of the door so cab doors may be opened un-hindered by most obstacles encountered, such as guard rails along interstate highways.

Entry doors shall include Pollak mechanical plunger style switches for electrical component activation.

1322-007

CAB INSULATION

The cab ceiling and walls shall include a nonwoven polyester fiber insulation. The insulation shall act as a barrier absorbing noise as well as assisting in sustaining the desired climate within the cab interior.

1556-009

LH MID EMS COMPARTMENT

The cab shall include a compartment located in the middle of the wall above the left side wheel well. The inner rear corner of the compartment shall be chamfered at a 45-degree angle to eliminate the square corner. The chamfered corner shall be cut at a width and depth of 7.00 inches the full height of the compartment. This compartment shall be offset and measure 17.00 inches just inside the door opening offset to 24.00 inches wide X 26.00 inches high X 25.00 inches deep.

1558-007

LH MID EMS EXTERIOR ACCESS

The cab shall include a hinged box pan door featuring a full length stainless steel piano style hinge and a bright aluminum tread plate inner panel located in the middle of the wall above the left side wheel well. The compartment shall have a clear door opening of 15.00 inches wide X 24.00 inches high.

1560-002

LH MID EMS COMPARTMENT INTERIOR

The cab compartment located in the middle of the wall above the left side wheel well shall include solid aluminum walls with no interior access. This compartment shall be finished to customer specification.

1566-002

LH MID EMS COMPARTMENT DOOR HARDWARE

The left side EMS compartment door shall include a locking bent D-ring slam latch. There shall be a switch to activate the open compartment warning light in the cab in the event the door is left ajar.

1557-008

RH MID EMS COMPARTMENT

The cab shall include a compartment located in the middle of the wall above the right side wheel well. The inner rear corner of the compartment shall be chamfered at a 45-degree angle to eliminate the square

corner. The chamfered corner shall be cut at a width and depth of 7.00 inches the full height of the compartment. This compartment shall be offset and measure 17.00 inches just inside the door opening offset to 24.00 inches wide X 26.00 inches high X 25.00 inches deep.

1559-007

RH MID EMS EXTERIOR ACCESS

The cab shall include a hinged box pan door featuring a full length stainless steel piano style hinge and a bright aluminum tread plate inner panel located in the middle of the wall above the right side wheel well. The compartment shall have a clear door opening of 15.00 inches wide X 24.00 inches high.

1561-002

RH MID EMS COMPARTMENT INTERIOR

The cab compartment located in the middle of the wall above the right side wheel well shall include solid aluminum walls with no interior access. This compartment shall be finished to customer specification.

1567-002

RH MID EMS COMPARTMENT DOOR HARDWARE

The right side EMS compartment door shall include a locking bent D-ring slam latch. There shall be a switch to activate the open compartment warning light in the cab in the event the door is left ajar.

5384-002

MID EMS COMPARTMENT LIGHTING

The interior portion of each of the mid EMS compartments shall include compartment door activated LED lighting to illuminate all usable surfaces within each compartment.

1535-016

MID EMS COMPARTMENT EXTERIOR FINISH

The mid EMS compartment surfaces that are exposed to the interior of the cab shall be painted with a multi-tone silver gray texture finish.

1536-018

MID EMS COMPARTMENT INTERIOR FINISH

The interior of the mid EMS compartment shall be painted with a multi-tone silver gray texture finish.

8004-033

CAB STRUCTURAL WARRANTY

Purchaser shall receive a Cab Structure (Aluminum) Ten (10) Years or 100,000 Miles limited warranty in accordance with, and subject to, warranty certificate RFW0602. The warranty certificate is incorporated by reference into this proposal, and included with this proposal or available upon request.

9001-006

CAB TEST INFORMATION

The cab shall have successfully completed the preload 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 have been witnessed by and attested to by an independent third party. The test results were recorded using cameras, high speed imagers, accelerometers and strain gauges. Documentation of the testing shall be provided upon request.

5000-018

ELECTRICAL SYSTEM

The chassis shall include a single starting electrical system which shall include a 12 volt direct current multiplexing system, suppressed per SAE J551. The wiring shall be appropriate gauge cross link with 311 degree Fahrenheit insulation. All SAE wires in the chassis shall be color coded and shall include the circuit number and function where possible. The wiring shall be protected by 275 degree Fahrenheit minimum high temperature flame retardant loom. All nodes and sealed Deutsch connectors shall be waterproof.

5008-072

OEM WIRING

The wiring system shall include a prewire for ECM park brake input and engine ground return circuits located behind the switch panel. The circuits shall include an extra 2.00 feet of wire and shall be labeled “ECM Park Brake Input”.

5005-200

MULTIPLEX DISPLAY

The multiplex electrical system shall include a Weldon Vista IV display which shall be located on the left side of the dash in the switch panel. The Vista IV shall feature a full color LCD display screen which includes a message bar displaying the time of day and important messages requiring acknowledgement by the user which shall all be displayed on the top of the screen in the order they are received. There shall be eight (8) push button virtual controls, four (4) on each side of the display for the on-board diagnostics. The display screen shall be video ready for back-up cameras, thermal cameras, and DVD.

The Vista IV display shall offer varying fonts and background colors. The display shall be fully programmable to the needs of the customer and shall offer virtually infinite flexibility for screen configuration options.

5004-002

LOAD MANAGEMENT SYSTEM

The apparatus load management shall be performed by the included multiplex system. The multiplex system shall also feature the priority of sequences and shall shed electrical loads based on the priority list specifically programmed.

5622-003

DATA RECORDING SYSTEM

The chassis shall have a Weldon Vehicle Data Recorder (VDR) system installed. The system shall be designed to meet NFPA 1901 and shall be integrated with the Weldon Multiplex electrical system. 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
- 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 B USB connection point, remotely mounted in the left side foot well.

5031-013

ACCESSORY POWER

The electrical distribution panel shall include two (2) power studs. The studs shall be size #10 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) #10 ground stud.

An OEM body connections bracket shall be installed on the chassis near the left hand battery box. The bracket shall include one (1) set each of a 350 amp master power switched and 300 amp battery direct power and ground studs. The 300 amp & 350 amp studs will not have any fuse protection and will be the responsibility of anyone using these studs to have fuse protection for each load attached. The studs will be labeled with max available amperage.

5030-037

AUXILIARY ACCESSORY POWER

An auxiliary ten (10) position blade type fuse panel shall be installed behind the officer's seat. The fuse panel shall be protected by a 40 amp fuse. The panel shall be capable of carrying up to a maximum 40 amp battery direct load. The fuse panel shall include an additional 5.00 feet of coiled wired for permanent relocation by the body builder.

5011-001

EXTERIOR ELECTRICAL TERMINAL COATING

All terminals exposed to the elements will be sprayed with a high visibility protective rubberized coating to prevent corrosion.

8014-002

ELECTRICAL SYSTEM WARRANTY

Purchaser shall receive an Electrical System Two (2) Years or 36,000 Miles limited warranty in accordance with, and subject to, warranty certificate RFW0202. The warranty certificate is incorporated by reference into this proposal, and included with this proposal or available upon request.

1701-168

ENGINE

The chassis engine shall be a Cummins L9 engine. The L9 engine shall be an in-line six (6) cylinder, four cycle diesel powered engine. The engine shall offer a rating of 450 horse power at 2100 RPM and shall be governed at 2200 RPM. The torque rating shall feature 1250 foot pounds of torque at 1200 RPM with 543 cubic inches (8.9 liters) of displacement.

The L9 engine shall feature a VGT™ Turbocharger, a high pressure common rail fuel system, fully integrated electronic controls with an electronic governor, and shall be EPA certified to meet the 2021 emissions standards using cooled exhaust gas recirculation and selective catalytic reduction technology.

The engine shall include an engine mounted combination full flow/by-pass oil filter with replaceable spin on cartridge for use with the engine lubrication system. The engine shall include Citgo brand Citgard 500, or equivalent SAE 15W40 CK-4 low ash engine oil which shall be utilized for proper engine lubrication.

A wiring harness shall be supplied ending at the back of the cab. The harness shall include a connector which shall allow an optional harness for the pump panel. The included circuits shall be provided for a tachometer, oil pressure, engine temperature, hand throttle, high idle and a PSG system. A circuit for J1939 data link shall also be provided at the back of the cab.

1329-001

CAB ENGINE TUNNEL

The cab interior shall include an integrated engine tunnel constructed of 5052-H32 Marine Grade, 0.19 of an inch thick aluminum. The tunnel shall be a maximum of 41.50 inches wide X 25.50 inches high.

1731-002

DIESEL PARTICULATE FILTER CONTROLS

There shall be two (2) controls for the diesel particulate filter. One (1) control shall be for regeneration and one (1) control shall be for regeneration inhibit.

1718-002

ENGINE PROGRAMMING HIGH IDLE SPEED

The engine high idle control shall maintain the engine idle at approximately 1250 RPM when engaged.

1719-005

ENGINE HIGH IDLE CONTROL

The vehicle shall be equipped with a virtual Vista button and an automatic high-idle speed control. It 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 engine is running 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 manually or automatically re-engage when the brake is released, or when the transmission is placed in neutral. There shall be an indicator on the Vista display and control screen for the high idle speed control.

1710-001

ENGINE PROGRAMMING ROAD SPEED GOVERNOR

The engine shall include programming which will govern the top speed of the vehicle.

1713-010

AUXILIARY ENGINE BRAKE

A compression brake, for the six (6) cylinder engine shall be provided. A cutout relay shall be installed to disable the compression brake when in pump mode or when an ABS event occurs. The engine compression brake shall activate upon 0% accelerator when in operation mode and actuate the vehicle's brake lights.

The engine shall utilize a variable geometry turbo (VGT) as an integrated auxiliary engine brake to offer a variable rate of exhaust flow, which when activated in conjunction with the compression brake shall enhance the engine's compression braking capabilities.

1708-008

AUXILIARY ENGINE BRAKE CONTROL

An engine compression 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 button on the Vista display and control screen. The multiplex system shall remember and default to the last engine brake control setting when the vehicle is shut off and re-started.

1720-003

ELECTRONIC ENGINE OIL LEVEL INDICATOR

The engine oil shall be monitored electronically and shall send a signal to activate a warning in the instrument panel when levels fall below normal. The warning shall activate in a low oil situation upon turning on the master battery and ignition switches without the engine running.

1715-001

FLUID FILLS

The front of the chassis shall accommodate fluid fill for the engine oil through the grille. This area shall also accommodate a check for the engine oil. The transmission, power steering, and coolant fluid fills

and checks shall be under the cab. The windshield washer fill shall be accessible through the front left side mid step.

1735-001

ENGINE DRAIN PLUG

The engine shall include an original equipment manufacturer installed oil drain plug.

8002-001

ENGINE WARRANTY

The Cummins engine shall be warranted for a period of five (5) years or 100,000 miles, whichever occurs first.

1707-116

REMOTE THROTTLE HARNESS

An apparatus interface wiring harness for the engine and transmission pump interlocks shall be supplied with the chassis. The harness shall include a connector for connection to a chassis pump panel harness supplied by the body builder and shall terminate in the left frame rail behind the cab for connection by the body builder. The harness shall include circuits deemed for a pump panel and shall contain circuits for a hand throttle, and a multiplexed gauge. Separate circuits shall also be included for a pump control switch, "Pump Engaged" and "OK to Pump" indicator lights, open compartment ground, start signal, park brake ground, ignition signal, master power, clean power, customer ignition, air horn solenoid switch, high idle switch and high idle indicator light. The harness shall contain interlocks that will prevent shifting to road or pump mode unless the transmission output speed translates to less than 1 mph and the transmission is in neutral. The shift to pump mode shall also require the park brake be set.

1721-001

ENGINE PROGRAMMING REMOTE THROTTLE

The engine ECM (Electronic Control Module) discreet wire remote throttle circuit shall be turned off for use with a J1939 based pump controller or when the discreet wire remote throttle controls are not required.

1727-001

ENGINE PROGRAMMING IDLE SPEED

The engine low idle speed will be programmed at 700 rpm.

2801-010

ENGINE AIR INTAKE

The engine air intake system shall include an ember separator. This ember separator shall be designed to protect the downstream air filter from embers using a combination of unique flat and crimped metal screens packaged in a heavy duty galvanized steel frame. This multilayered screen shall trap embers and allow them to burn out before passing through the pack.

The engine air intake system shall also include an air cleaner mounted above the radiator. This air cleaner shall utilize a replaceable dry type filter element designed to prevent dust and debris from being ingested into the engine. A service cover shall be provided on the housing, reducing the chance of contaminating the air intake system during air filter service.

The air intake system shall include a restriction indicator light in the warning light cluster on the instrument panel, which shall activate when the air cleaner element requires replacement.

2704-016

ENGINE FAN DRIVE

The engine cooling system fan shall incorporate a thermostatically controlled, Horton fully variable type fan drive with SmartClutch J-1939 CAN controller.

The variable speed fan clutch only engages at the amount needed for proper cooling to facilitate improved vehicle performance, cab heating in cold climates, and fuel economy. The fan clutch design shall be fail-safe so that if the clutch drive fails the fan shall engage to prevent engine overheating due to the fan clutch failure. The fan speed shall include a J-1939 CAN clutch controller to receive signal from the engine control module to activate at variable rates of speed. Variable speeds shall be set through thermostatic and engine speed signals to run as efficiently and quietly as required to maintain temperature.

2701-021

ENGINE COOLING SYSTEM

There shall be a heavy-duty aluminum cooling system designed to meet the demands of the emergency response industry. The cooling system shall have the capacity to keep the engine properly cooled under all conditions of road and pumping operations. The cooling system shall be designed and tested to meet or exceed the requirements specified by the engine and transmission manufacturer and all EPA requirements. The complete cooling system shall be mounted to isolate the entire system from vibration or stress. The individual cores of the cooling system shall be mounted in a manner to allow expansion and contraction at various rates without inducing stress into the adjoining cores.

The cooling system shall be comprised of a charge air cooler to radiator serial flow package that provides the maximum cooling capacity for the specified engine as well as serviceability. The main components shall include a surge tank, a charge air cooler bolted to the front of the radiator, recirculation shields, a shroud, a fan, and required tubing.

The radiator shall be a down-flow design constructed with aluminum cores, plastic end tanks, and a steel frame. The radiator shall be equipped with a drain cock to drain the coolant for serviceability.

The cooling system shall include a one piece injected molded polymer fan with a three (3) piece fiberglass fan shroud.

The cooling system shall be equipped with a surge tank that is capable of removing entrained air from the system. The surge tank shall be equipped with a low coolant probe and rearward oriented sight glass to observe coolant in the system. A cold fill and observation line shall be included within the frame mounted translucent recovery bottle to monitor the level of the coolant. The surge tank shall have a dual seal cap that meets the engine manufacturer's pressure requirements and allows for expansion and recovery of coolant into a separate integral expansion chamber.

All radiator tubes shall be formed from aluminized steel tubing. Recirculation shields shall be installed where required to prevent heated air from reentering the cooling package and affecting performance.

The charge air cooler shall be a cross-flow design constructed completely of aluminum with cast tanks. All charge air cooler tubes shall be formed from aluminized steel tubing and installed with silicone hump hoses and stainless steel “constant torque” style clamps meeting the engine manufacturer's requirements.

The radiator and charge air cooler shall be removable through the bottom of the chassis.

2711-005

ENGINE COOLING SYSTEM PROTECTION

The engine cooling system shall include a recirculation shield designed to act as a light duty skid plate below the radiator to provide additional protection for the engine cooling system from light impacts, stones, and road debris. The skid plate shall be painted to match the frame components.

2708-001

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 Fahrenheit.

Proposals offering supplemental coolant additives (SCA) shall not be considered, as this is part of the extended life coolant makeup.

2706-003

ELECTRONIC COOLANT LEVEL INDICATOR

The instrument panel shall feature a low engine coolant indicator light which shall be located in the center of the instrument panel. An audible tone alarm shall also be provided to warn of a low coolant incident.

2705-002

ENGINE PUMP HEAT EXCHANGER

A single bundle type coolant to water heat exchanger shall be installed between the engine and the radiator. The heat exchanger shall be designed to prohibit water from the pump from coming in contact with the engine coolant. This shall allow the use of water from the discharge side of the pump to assist in cooling the engine.

2709-001

COOLANT HOSES

The cooling systems hose shall be formed silicone hose and formed aluminized steel tubing and include stainless steel constant torque band clamps.

2710-005

ENGINE COOLANT OVERFLOW BOTTLE

A remote engine coolant overflow expansion bottle shall be provided in the case of over filling the coolant system. The overflow bottle shall capture the expansion fluid or overfill rather than allow the fluid to drain on the ground.

2901-067

ENGINE EXHAUST SYSTEM

The exhaust system shall include an end-in end-out horizontally mounted single module after treatment device, and downpipe from the charge air cooled turbo. The single module shall include four temperature sensors, diesel particulate filter (DPF), urea dosing module (UL2), and a selective catalytic reduction (SCR) catalyst to meet current EPA standards. The selective catalytic reduction catalyst utilizes a diesel exhaust fluid solution consisting of urea and purified water to convert NOx into nitrogen, water, and trace amounts of carbon dioxide. The solution shall be mixed and injected into the system through the DPF and SCR.

The system shall utilize 0.07 inch thick stainless steel exhaust tubing between the engine turbo and the DPF. Zero leak clamps seal all system joints between the turbo and DPF.

The single module after treatment through the end of the tailpipe shall be connected with zero leak clamps. The discharge shall terminate horizontally on the right side of the vehicle ahead of the rear tires.

The exhaust system after treatment module shall be mounted below the frame in the outboard position.

2907-003

DIESEL EXHAUST FLUID TANK

The exhaust system shall include a molded cross linked polyethylene tank for Diesel Exhaust Fluid (DEF). The tank shall have a capacity of six (6) usable gallons and shall be mounted on the left hand side of the chassis frame behind the batteries below the frame.

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.

The tank fill tube shall be routed under the rear of the cab with the fill neck and splash guard accessible in the top rear step.

2902-010

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 gasses at the exhaust outlet.

2906-002

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.

The exhaust flex joint shall not include the thermal exhaust wrap.

8018-002

EMISSIONS SYSTEMS WARRANTY

Purchaser shall receive a Regulated Emissions Systems Five (5) Years or 100,000 Miles limited warranty in accordance with, and subject to, warranty certificate RFW0140. The warranty certificate is incorporated by reference into this proposal, and included with this proposal or available upon request.

1801-015

TRANSMISSION

The drive train shall include an Allison model EVS 3000 torque converting, automatic transmission which shall include electronic controls. The transmission shall feature two (2) 10-bolt PTO pads located on the converter housing.

The transmission shall include two (2) internal oil filters and Castrol TranSynd™ synthetic TES 295 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 transmission gear ratios shall be:

1st	3.49:1
2nd	1.86:1
3rd	1.41:1
4th	1.00:1
5th	0.75:1
6th	0.65:1 (if applicable)
Rev	5.03:1

1806-001

TRANSMISSION MODE PROGRAMMING

The transmission, upon start-up, will automatically select a four (4) speed operation. The fifth speed over drive shall be available with the activation of the mode button on the shifting pad.

1811-004

TRANSMISSION FEATURE PROGRAMMING

The Allison Gen V/VI-E transmission EVS group package number 127 shall contain the 198 vocational package in consideration of the duty of 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. This requires re-selecting 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. 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 transmission interface connector shall be provided in the cab. This package shall contain the following input/output circuits to the transmission control module. The Gen V/VI-E transmission shall include prognostic diagnostic capabilities. These capabilities shall include the monitoring of the fluid life, filter change indication, and transmission clutch maintenance.

<u>Function ID</u>	<u>Description</u>	<u>Wire assignment</u>
Inputs		
C	PTO Request	142
J	Fire Truck Pump Mode (4th Lockup)	122 / 123
Outputs		
C	Range Indicator	145 (4th)
G	PTO Enable Output	130
	Signal Return	103

1807-005

TRANSMISSION SHIFT SELECTOR

An Allison pressure sensitive range selector touch pad shall be provided and located to the right of the driver within clear view and easy reach. The shift selector shall have a graphical Vacuum Florescent Display (VFD) capable of displaying two lines of text. The shift selector shall provide mode indication and a prognostic indicator (wrench symbol) on the digital display. The prognostics monitor various operating parameters and shall alert you when a specific maintenance function is required.

1815-002

ELECTRONIC TRANSMISSION OIL LEVEL INDICATOR

The transmission fluid shall be monitored electronically and shall send a signal to activate a warning in the instrument panel when levels fall below normal.

1814-002

TRANSMISSION PRE-SELECT WITH AUXILIARY BRAKE

When the auxiliary brake is engaged, the transmission shall automatically shift to second gear to decrease the rate of speed assisting the secondary braking system and slowing the vehicle.

1808-007

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.

1817-001

TRANSMISSION DRAIN PLUG

The transmission shall include an original equipment manufacturer installed magnetic transmission fluid drain plug.

8005-001

TRANSMISSION WARRANTY

The Allison EVS series transmission shall be warranted for a period of five (5) years with unlimited mileage. Parts and labor shall be included in the warranty.

2005-009

PTO LOCATION

The transmission shall have two (2) power take off (PTO) mounting locations, one (1) in the 8:00 o'clock position and one (1) in the 4:00 o'clock position.

3001-014

DRIVELINE

All drivelines shall be heavy duty metal tube and equipped with MSI 1710 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®. The drivelines shall include Meritor brand u-joints with thrust washers.

3005-073

MIDSHIP PUMP / GEARBOX

A temporary jackshaft driveline shall be installed by the chassis manufacturer to accommodate the midship split shaft pump as specified by the apparatus manufacturer. Holes shall be provided in the frame as specified by the OEM for mounting a Smeal SMDH pump module.

See PDF for specific hole pattern.

3008-085

MIDSHIP PUMP / GEARBOX MODEL

The midship pump/gearbox provisions shall be for a Waterous CSUC20 pump.

3048-007

MIDSHIP PUMP GEARBOX DROP

The Waterous pump gearbox shall have a "C" (medium length) drop length.

3009-007

MIDSHIP PUMP RATIO

The ratio for the midship pump shall be 2.27:1.

3010-0835

MIDSHIP PUMP LOCATION C/L SUCTION TO C/L REAR AXLE

The midship pump shall be located so the dimension from the centerline of the suction to the centerline of the rear axle is 83.50 inches.

5013-005

PUMP SHIFT CONTROLS

One (1) electric over air pump shift control panel shall be located in the left hand side knee area below the dash. The following shall be provided on the panel: a three (3) position locking toggle switch; an engraved PUMP ENGAGED identification light; and an engraved OK TO PUMP identification light. The pump shift control panel shall be black with a yellow border outline and shall include pump instructions. An instruction plate describing the transmission shift selector position used for pumping shall be provided and located so it can be read from the driver's position per NFPA **16.10.1.3**. The pump mode shall be selected when the switch is in the up position and road mode shall be selected when the switch is in the down position.

The center switch position shall exhaust air from both pump and road sides of the pump gear box shift cylinder.

3049-003

PUMP SHIFT CONTROL PLUMBING

Air connections shall be provided from the air supply tank to the pump shift control valve and from the pump shift control valve to the frame mounted bracket. The frame mounted bracket shall include labeling identifying the pump and road connection points with threaded 0.25 inch NPT fittings on the solenoid for attaching the customer installed pump. The air supply shall be pressure protected from service brake system.

3109-067

FUEL FILTER/WATER SEPARATOR

The fuel system shall have a Fleetguard FS20121 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.

3111-002

FUEL LINES

The fuel system supply and return lines installed from the fuel tank to the engine shall be black textile braided lines which are reinforced with braided high tensile steel wire. The fuel lines shall be connected with reusable steel fittings.

3103-008

ELECTRIC FUEL PRIMER

Integral to the engine assembly is an electric lift pump that serves the purpose of pre-filter fuel priming.

3112-005

FUEL COOLER

An aluminum cross flow air to fuel cooler shall be provided to lower fuel temperature allowing the vehicle to operate at higher ambient temperatures. The fuel cooler shall be located above the rear axle.

3101-106

FUEL TANK

The fuel tank shall have a capacity of sixty-eight (68) gallons and shall measure 35.00 inches in width X 20.00 inches in height X 24.00 inches in length. The increased height and reduced length allows for the use of a shorter rear frame overhang on the chassis.

The baffled tank shall have a vent port to facilitate venting to the top of the fill neck for rapid filling without "blow-back" and a roll over ball check vent for temperature related fuel expansion and draw.

The tank is designed with dual draw tubes and sender flanges. The tank shall have 2.00 inch NPT fill ports for right or left hand fill. A 0.50 inch NPT drain plug shall be centered in the bottom of the tank.

The fuel tank shall be mounted below the frame, behind the rear axle. Two (2) three-piece strap hanger assemblies with “U” straps bolted midway on the fuel tank front and rear shall be utilized to allow the tank to be easily lowered and removed for service purposes. Rubber isolating pads shall be provided between the tank and the upper tank mounting brackets. Strap mounting studs through the rail, hidden behind the body shall not be acceptable.

3130-001

FUEL TANK MATERIAL AND FINISH

The fuel tank shall be constructed of 12 gauge aluminized steel. The exterior of the tank shall be powder coated black and then painted to match the frame components.

All powder coatings, primers and paint shall be compatible with all metals, pretreatments and primers used. The cross hatch adhesion test per ASTM D3359 Method B, results to be 5B minimum. The pencil hardness test per ASTM D3363 shall have a final post-cured pencil hardness of H-2H. The direct impact resistance test per ASTM D2794, results to be 5B minimum.

Any proposals offering painted fuel tanks with variations from the above process shall not be accepted. The film thickness of vendor supplied parts shall also be sufficient to meet the performance standards as stated above.

3131-001

FUEL TANK STRAP MATERIAL

The fuel tank straps shall be constructed of ASTM A-36 steel. The fuel tank straps shall be powder coated black and then painted to match the frame components if possible.

3102-007

FUEL TANK FILL PORT

The fuel tank fill ports shall be offset with the left fill port located in the rearward position and the right fill port located in the middle position on the fuel tank.

3114-002

FUEL TANK SERVICEABILITY PROVISIONS

The chassis fuel lines shall have additional length provided so the tank can be easily lowered and removed for service purposes. The additional 8.00 feet of length shall be located above the fuel tank and shall be coiled and secured. The fuel line fittings shall be pointed towards the right side (curbside) of the chassis.

3115-002

FUEL TANK DRAIN PLUG

A 0.5 inch NPT magnetic drain plug shall be centered in the bottom of the fuel tank.

2401-003

FRONT AXLE

The front axle shall be a Meritor Easy Steer Non drive front axle, model number MFS-20. The axle shall include a 3.74 inch drop and a 71.00 inch king pin intersection (KPI). The axle shall include a conventional style hub with a standard knuckle.

2405-001

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.

2502-002

FRONT SHOCK ABSORBERS

Two (2) Bilstein inert, nitrogen gas filled shock absorbers shall be provided and installed as part of the front suspension system. The shocks shall be a monotubular design and fabricated using a special extrusion method, utilizing a single blank of steel without a welded seam, achieving an extremely tight peak-to-valley tolerance and maintains consistent wall thickness. The monotubular design shall provide superior strength while maximizing heat dissipation and shock life.

The ride afforded through the use of a gas shock is more consistent and shall not deteriorate with heat, the same way a conventional oil filled hydraulic shock would.

The Bilstein front shocks shall include a digressive working piston assembly allowing independent tuning of the compression and rebound damping forces to provide optimum ride and comfort without compromise. The working piston design shall feature fewer parts than most conventional twin tube and “road sensing” shock designs and shall contribute to the durability and long life of the Bilstein shock absorbers.

Proposals offering the use of conventional twin tube or “road sensing” designed shocks shall not be considered.

2501-016

FRONT SUSPENSION

The front suspension shall include a ten (10) leaf spring pack in which the longest leaf measures 54.00 inch long and 4.00 inches wide and shall include a military double wrapped front eye. Both spring eyes shall have a case hardened threaded bushing installed with lubrication counter bore and lubrication land off cross bore with grease fitting. The spring capacity shall be rated at 21,500 pounds.

2601-006

STEERING COLUMN/ WHEEL

The cab shall include a Douglas Autotech steering column which shall include a seven (7) position tilt, a 2.25 inch telescopic adjustment, and an 18.00 inch, four (4) spoke steering wheel located at the driver’s position. The steering wheel shall be covered with black polyurethane foam padding.

The steering column shall contain a horn button, self-canceling turn signal switch, four-way hazard switch and headlamp dimmer switch.

2609-002

ELECTRONIC POWER STEERING FLUID LEVEL INDICATOR

The power steering fluid shall be monitored electronically and shall send a signal to activate an audible alarm and visual warning in the instrument panel when fluid level falls below normal.

2603-011

POWER STEERING PUMP

The hydraulic power steering pump shall be a TRW PS and shall be gear driven from the engine. The pump shall be a balanced, positive displacement, sliding vane type. The power steering system shall include an oil to air passive cooler.

2606-009

FRONT AXLE CRAMP ANGLE

The chassis shall have a front axle cramp angle of 48-degrees to the left and 44-degrees to the right.

2610-003

POWER STEERING GEAR

The power steering gear shall be a TRW model TAS 65 with an assist cylinder.

2608-001

CHASSIS ALIGNMENT

The chassis frame rails shall be measured to insure 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 chassis manufacturer.

3401-002

REAR AXLE

The rear axle shall be a Meritor model RS-24-160 single drive axle. The axle shall include precision forged, single reduction differential gearing, and shall have a rated capacity of 24,000 pounds.

The axle shall be built of superior construction and quality components to provide the rugged dependability needed to stand up to the fire industry's demands. The axle shall include rectangular shaped, hot-formed housing with a standard wall thickness of 0.50 of an inch for extra strength and rigidity and a rigid differential case for high axle strength and reduced maintenance.

The axle shall have heavy-duty Hypoid gearing for longer life, greater strength and quieter operation. Industry-standard wheel ends for compatibility with both disc and drum brakes, and unitized oil seal technology to keep lubricant in and help prevent contaminant damage will be used.

3403-001

REAR AXLE DIFFERENTIAL LUBRICATION

The rear axle differential shall be lubricated with oil.

3411-001

REAR WHEEL BEARING LUBRICATION

The rear axle wheel bearings shall be lubricated with oil.

3407-002

REAR AXLE DIFFERENTIAL CONTROL

A driver controlled differential lock shall be installed on the rear axle. This feature 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. The differential lock shall be controlled by a locking rocker switch on the switch panel. The light on the switch shall illuminate with positive engagement of the differential control.

3408-008

VEHICLE TOP SPEED

The top speed of the vehicle shall be approximately 68 MPH +/-2 MPH at governed engine RPM.

3501-032

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 from 21,000 to 31,500 pounds.

3625-002

TIRE INTERMITTENT SERVICE RATING

The chassis shall be rated using Intermittent Service ratings provided to the emergency vehicle market by the tire manufacturers as the basis for determining the maximum vehicle load and speed.

3601-083

FRONT TIRE

The front tires shall be Michelin 385/65R22.5 "L" tubeless radial X Multi HL Z regional tread.

The front tire stamped load capacity shall be 22,000 pounds per axle with a nominal speed rating of 68 miles per hour when properly inflated to 130 pounds per square inch.

The Michelin Intermittent Service Rating maximum load capacity shall be 23,540 pounds per axle with a maximum speed of 68 miles per hour when properly inflated to 130 pounds per square inch.

The Michelin Intermittent Service Rating maximum speed capacity shall be 22,000 pounds per axle with a speed rating of 75 miles per hour when properly inflated to 130 pounds per square inch.

The Michelin Intermittent Service Rating limits the operation of the emergency vehicle to no more than fifty (50) miles of continuous operation under maximum recommended payload, or without stopping for at least twenty (20) minutes. The emergency vehicle must reduce its speed to no more than 50 MPH after the first fifty (50) miles of travel.

3602-012

REAR TIRE

The rear tires shall be Michelin 12R-22.5 16PR "H" tubeless radial XDN2 all-weather tread.

The rear tire stamped load capacity shall be 27,120 pounds per axle with a nominal speed rating of 75 miles per hour when properly inflated to 120 pounds per square inch.

The Michelin Intermittent Service Rating maximum load capacity shall be 29,020 pounds per axle with a maximum speed of 75 miles per hour when properly inflated to 120 pounds per square inch.

The Michelin Intermittent Service Rating maximum speed capacity shall match the nominal speed rating.

The Michelin Intermittent Service Rating limits the operation of the emergency vehicle to no more than fifty (50) miles of continuous operation under maximum recommended payload, or without stopping for at least twenty (20) minutes. The emergency vehicle must reduce its speed to no more than 50 MPH after the first fifty (50) miles of travel.

3413-513

REAR AXLE RATIO

The rear axle ratio shall be 5.13:1.

3614-030

TIRE PRESSURE INDICATOR

There shall be electronic chrome LED valve caps shipped loose for installation by the OEM which shall illuminate with a red LED when tire pressure drops 8psi provided. The valve caps are self-calibrating and set to the pressure of the tire upon installation.

3701-034

FRONT WHEEL

The front wheels shall be Alcoa hub piloted, 22.50 inch X 12.25 inch aluminum wheels. The outer face of the wheels shall feature Alcoa's Dura-Bright® finish 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. The hub piloted mounting system shall provide easy installation and shall include two-piece flange nuts.

3703-062

REAR WHEEL

The rear wheels shall be Alcoa hub piloted, 22.50 inch X 8.25 inch aluminum wheels with a polished outer surface and Alcoa Dura-Bright® wheel treatment as an integral part of the wheel surface. The inner rear wheels shall be Alcoa hub piloted, 22.50 inch X 8.25 inch aluminum wheels with a bright machine finish. The hub piloted mounting system shall provide easy installation and shall include two-piece flange nuts.

3719-002

BALANCE WHEELS AND TIRES

All of the wheels and tires, including any spare wheels and tire assemblies, shall be dynamically balanced.

3702-002

WHEEL TRIM

The front wheels shall include stainless steel lug nut covers and stainless steel baby moons shipped loose with the chassis for installation by the apparatus builder. The baby moons shall have cutouts for oil seal viewing when applicable.

The rear wheels shall include stainless steel lug nut covers and band mounted spring clip stainless steel high hats shipped loose with the chassis for installation by the apparatus builder.

The lug nut covers, baby moons, and high hats shall be RealWheels® brand constructed of 304L grade, non-corrosive stainless steel with a mirror finish. Each wheel trim component shall meet D.O.T. certification.

3205-044

BRAKE SYSTEM

A rapid build-up air brake system shall be provided. The air brakes shall include, at a minimum, a two (2) air tank, three (3) reservoir system with a total 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. An inversion valve shall be installed to provide controlled service brake application during the unlikely event of primary air supply loss. 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 designate 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.

A momentary rocker style switch shall be provided and properly labeled “mud/snow”. When the switch 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 and the light on the rocker switch shall blink continuously notifying the driver of activation. Pressing the switch again shall deactivate the mud/snow feature.

3206-001

FRONT BRAKES

The front brakes shall be Meritor 16.50 inch x 6.00 inch S-cam drum type.

3207-004

REAR BRAKES

The rear brakes shall be Meritor 16.50 inch X 8.63 inch S-cam drum type.

3208-001

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.

3219-002

SUPPLEMENTAL BRAKE

A supplemental brake engagement shall be supplied that can only be engaged while the rear spring brakes are engaged. In addition to the mechanical rear brake engagement, the front service brakes shall also be engaged via air pressure, providing additional braking capability. Front service brake activation shall be accomplished with activation of the rear mechanical park brake valve.

3204-029

PARK BRAKE CONTROL

A Meritor-Wabco manual hand control push-pull style valve shall operate the parking brake.

The parking brake actuation valve shall be mounted to the left side of the engine tunnel integrated into the transmission shift pod console within easy access of the driver.

3213-001

FRONT BRAKE SLACK ADJUSTERS

The front brakes shall include Meritor automatic slack adjusters installed on the chassis 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.

3214-001

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.

3202-005

AIR DRYER

The brake system shall include a Wabco System Saver 1200 air dryer with an integral heater with a Metri-Pack sealed connector. The air dryer incorporates an internal turbo cutoff valve that closes the path between the air compressor and air dryer purge valve during the compressor "unload" cycle. The

turbo cutoff valve allows purging of moisture and contaminants without the loss of turbo boost pressure. The air dryer shall be mounted behind the battery box on the left hand side.

3215-001

FRONT BRAKE CHAMBERS

The front brakes shall be provided with MGM type 30 brake chambers.

3210-014

REAR BRAKE CHAMBERS

The rear axle shall include TSE 30/30 brake chambers which shall convert the energy of compressed air into mechanical force and motion. This shall actuate the brake camshaft, which in turn shall operate the foundational brake mechanism forcing the brake shoes against the brake drum. The TSE Type 30 brake chamber shall offer a 30.00 square inch effective area.

3320-001

AIR COMPRESSOR

The air compressor provided for the engine shall be a Wabco® SS318 single cylinder pass-through drive type compressor which shall be capable of producing 18.7 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 increasing the system component life.

3339-004

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 located on the air dryer bracket.

3305-001

AUXILIARY AIR RESERVOIR

One (1) auxiliary air reservoir with a 1200 cubic inch capacity shall be installed on the chassis to act as an additional reserve supply to the air system for air horn, air tool, or other non-service brake use. The reservoir shall be isolated with a 90 PSI pressure protection valve on the reservoir supply side to prevent depletion of the air to the air brake system.

3303-002

MOISTURE EJECTORS

Manual cable actuated drain valves shall be installed on all reservoirs of the air supply system. The actuation pull cables shall be coiled and tied at each drain valve. The supplied cables when extended shall be sufficient in length to allow each drain to be activated from the side of the apparatus.

3307-001

AIR SUPPLY LINES

The air system on the chassis shall be plumbed with color coded reinforced nylon tubing air lines. The primary (rear) brake line shall be green, the secondary (front) brake line red, the parking brake line orange and the auxiliary (outlet) will be blue.

Brass compression type fittings shall be used on the nylon tubing. All drop hoses shall include fiber reinforced neoprene covered hoses.

3310-001

AIR OUTLET CONNECTION

A quick release air outlet female connector shall be installed in the mid-section of the left lower cab step towards the front of the cab for the use of auxiliary air tools. The air outlet connector shall be compatible with a Milton 787, Parker Hannifin B13 or Meyers 54-410 connector.

3328-002

PLUMBING AIR OUTLET CONNECTION

The cab mounted air outlet connection shall be plumbed to the chassis auxiliary air system reservoir.

3326-002

AIR INLET/ OUTLET FITTING TYPE

The air connector supplied shall be a 0.25 inch size Tru-Flate Interchange style manual connection which is compatible with Milton 'T' style, Myers 0.25 inch Automotive style and Parker 0.25 inch 10 Series connectors.

3338-002

REAR AIR TANK MOUNTING

If a combination of wheel base, air tank quantity, or other requirements necessitate the location of one or more air tanks to be mounted rear of the fuel tank, these tank(s) will be mounted perpendicular to frame.

2103-1690

WHEELBASE

The chassis wheelbase shall be 169.00 inches.

2106-0465

REAR OVERHANG

The chassis rear overhang shall be 46.50 inches.

2101-001

FRAME

The frame shall consist of single rails running parallel to each other with cross members forming a ladder style frame. The frame rails shall be formed in the shape of a "C" channel, 10.25 inch web X 3.50 inches deep upper and lower flanges X 0.38 inches thick. Each rail shall be constructed of 110,000 psi minimum yield high strength low alloy steel. Each single rail shall be rated by a Resistance Bending Moment (RBM) minimum of 1,830,400 inch pounds and have a minimum section modulus of 16.64 cubic inches calculated by the radius method. The outside dimension frame shall measure 34.25 inches in width.

Proposals calculating the frame strength using the “box method” shall not be considered.

Proposals including heat treated rails shall not be considered. Heat treating frame rails produces rails that are not uniform in their mechanical properties throughout the length of the rail. Rails made of high strength, low alloy steel are already at the required yield strength prior to forming the rail.

A minimum of seven (7) fully gusseted 0.25 inch thick cross members shall be installed. The inclusion of the body mounting, or bumper mounting shall not be considered as a cross member. The cross members shall be attached using zinc coated grade 8 fasteners. The bolt heads shall be flanged type, held in place by distorted thread flanged lock nuts. Each cross member shall be mounted to the frame rails utilizing a minimum of 0.25 inch thick gusset reinforcement plates at all corners balancing the area of force throughout the entire frame.

Any proposals not including additional reinforcement for each cross member shall not be considered.

All relief areas shall be cut in with a minimum 2.00 inch radius at intersection points with the edges ground to a smooth finish to prevent a stress concentration point.

2117-004

FRAME CLEAR AREA

The chassis frame shall be left clear of chassis mounted components inside or outside the frame rails within the first 30.00 inches behind the cab to allow space for OEM installed components. Cross members may be installed in the clear area if required for proper frame or driveline configuration.

2110-101

FRAME PAINT

The frame shall be powder coated black prior to any attachment of components.

All powder coatings, primers and paint shall be compatible with all metals, pretreatments and primers used. The cross hatch adhesion test per ASTM D3359 shall not have a fail of more than ten (10) squares. The pencil hardness test per ASTM D3363 shall have a final post-cured pencil hardness of H-2H. The direct impact resistance test per ASTM D2794 shall have an impact resistance of 120.00 inches per pound at 2 mils.

Any proposals offering painted frame with variations from the above process shall not be accepted. The film thickness of vendor supplied parts shall also be sufficient to meet the performance standards as stated above.

8007-036

FRAME ASSEMBLY STRUCTURAL

Purchaser shall receive a Frame Assembly Structural Fifty (50) Years or 250,000 Miles limited warranty in accordance with, and subject to, warranty certificate RFW0305. The warranty certificate is incorporated by reference into this proposal, and included with this proposal or available upon request.

8019-002

FRAME RAIL CORROSION

Purchaser shall receive a Frame Rail Corrosion (Powder Coat) Three (3) Years or 48,000 Miles limited warranty in accordance with, and subject to, warranty certificate RFW0311. The warranty certificate is incorporated by reference into this proposal, and included with this proposal or available upon request.

8022-004

FRAME COMPONENTS CORROSION

Purchaser shall receive a Frame Components Corrosion (Powder Coat) Three (3) Years or 48,000 Miles limited warranty in accordance with, and subject to, warranty certificate RFW0313. The warranty certificate is incorporated by reference into this proposal, and included with this proposal or available upon request.

2201-006

FRONT BUMPER

The chassis shall include a special approach style steel front bumper. The bumper shall be constructed of 0.19 inch thick ASTM A-36 formed steel which shall be painted. The bumper shall be 98.63 inches in width with angled corners. The bottom flange of the bumper shall be designed with a 20-degree angle to allow for an increased angle of approach for the vehicle.

2113-004

FRAME MODIFICATION PROVISIONS

The chassis shall include frame modifications to optimize the vehicle's angle of approach to the angle from bumper ground clearance to front tire. The modifications shall include a modification to the frame front section splay rails to raise the bumper and the cooling package. The bumper to cooling skid plate transition angle shall be designed to not allow the skid plate to intrude into and reduce the angle from bumper ground clearance to front tire.

2202-002

FRONT BUMPER EXTENSION LENGTH

The front bumper shall be extended approximately 12.50 inches ahead of the cab.

2206-001

FRONT BUMPER PAINT

The front bumper shall be painted the same as the lower cab color.

2208-003

FRONT BUMPER APRON

The 12.50 inch extended front bumper shall include an apron constructed of 0.19 inch thick embossed aluminum tread plate.

The apron shall be installed between the bumper and the front face of the cab affixed using stainless steel bolts attaching the apron to the top bumper flange.

2237-005

FRONT BUMPER DISCHARGE

The chassis shall include frame mounted 2.50 inch diameter plumbed pipe intended for use as a discharge trash line. The discharge pipe shall be routed from the left hand front splay rail area behind the bumper to the area rear of the front axle, ahead of the battery box.

The discharge shall pipe shall be a, 2.50 inch stainless steel schedule 10 tube. The discharge shall include a Victaulic groove for connecting to the pump and discharge hose plumbing on each end of the tube.

The apparatus manufacturer shall plumb the discharge pipe to the pump and shall provide all valves as required.

2211-012

FRONT BUMPER COMPARTMENT CENTER

The front bumper shall include a compartment in the bumper apron located in the center between the frame rails which may be used as a hose well. The compartment shall be constructed of 0.19 thick ASTM A-36 painted steel.

5503-021

MECHANICAL SIREN

The front bumper shall include an electro mechanical Federal Q2B™ siren, which shall be streamlined, chrome-plated and shall produce 123 decibels of sound at 10.00 feet. The Q2B™ siren produces a distinctive warning sound that is recognizable at long distances. A unique clutch design provides a longer coast down sound while reducing the amp draw to 100 amps. The siren shall measure 10.50 inches wide X 10.00 inches high X 14.00 inches deep. The siren shall include mounting hardware designed to recess or flush mount.

2218-049

MECHANICAL SIREN LOCATION

The siren shall be recess mounted on the driver side of the front fascia of the bumper, in the extreme outboard position.

5501-020

AIR HORN

The front bumper shall include two (2) Hadley brand E-Tone air horns which shall measure 21.00 inches long with a 6.00 inch round flare. The air horns shall be trumpet style with a chrome finish on the exterior and a painted finish deep inside the trumpet.

2216-007

AIR HORN LOCATION

The air horns shall be recess mounted in the front bumper face on the right side of the bumper in the inboard and outboard positions relative to the right hand frame rail.

2232-002

AIR HORN RESERVOIR

One (1) air reservoir, with a 1200 cubic inch capacity, shall be installed on the chassis to act as a supply tank for operating air horns. The reservoir shall be isolated with a 90 PSI pressure protection valve on the reservoir supply side to prevent depletion of the air to the air brake system.

5504-060

ELECTRONIC SIREN SPEAKER

There shall be one (1) Federal Signal Inc. Dynamax® model ES100C, 100 watt speaker provided. The speaker shall measure 5.90 inches tall X 5.50 inches wide X 2.30 inches deep. The speaker shall include a Federal Signal “Electric F” style grille which shall measure 6.61 inches tall X 6.78 inches wide.

2217-003

ELECTRONIC SIREN SPEAKER LOCATION

The electronic siren speaker shall be located on the front bumper face on the left side outboard of the frame rail in the inboard position.

2204-006

FRONT BUMPER TOW EYES

The bumper shall include two (2) chrome plated tow eyes shall be installed through the front bumper. The eyes shall be fabricated from 0.75 inch thick #1020 ASTM-A36 hot rolled steel. The inside diameter of the eye shall be 2.00 inches and include inside/outside chamfered edges.

2301-001

CAB TILT SYSTEM

The entire cab shall be capable of tilting approximately 45-degrees to allow for easy maintenance of the engine and transmission. The cab tilt pump assembly shall be located on the right side of the chassis above the battery box.

The electric-over-hydraulic lift system shall include an ignition interlock and red cab lock down indicator lamp on the tilt control which shall illuminate when holding the “Down” button to indicate safe road operation.

It shall be necessary to activate the master battery switch and set the parking brake in order to tilt the cab. As a third precaution the ignition switch must be turned off to complete the cab tilt interlock safety circuit.

Two (2) spring-loaded hydraulic hold down hooks located outboard of the frame shall be installed to hold the cab securely to the frame. Once the hold-down hooks are set in place, it shall take the application of pressure from the hydraulic cab tilt lift pump to release the hooks.

Two (2) cab tilt cylinders shall be provided with velocity fuses in each cylinder port. The cab tilt pivots shall be 1.90 inch ball and be anchored to frame brackets with 1.25 inch diameter studs.

A steel safety channel assembly, painted safety yellow shall be installed on the right side cab lift cylinder to prevent accidental cab lowering. The safety channel assembly shall fall over the lift cylinder when the cab is in the fully tilted position. A cable release system shall also be provided to retract the safety channel assembly from the lift cylinder to allow the lowering of the cab.

2302-005

CAB TILT AUXILIARY PUMP

A manual cab tilt pump module shall be attached to the cab tilt pump housing.

2303-003

CAB TILT LIMIT SWITCH

A cab tilt limit switch shall be installed. The switch will effectively limit the travel of the cab when being tilted. The limit adjustment of the switch shall be preset by the chassis manufacturer to prevent damage to the cab or any bumper mounted option mounted in the cab tilt arc. Further adjustment to the limit by the apparatus manufacturer shall be available to accommodate additional equipment.

2305-001

CAB TILT CONTROL RECEPTACLE

The cab tilt control cable shall include a receptacle which shall be temporarily located on the right hand chassis rail rear of the cab to provide a place to plug in the cab tilt remote control pendant. The tilt pump shall include 8.00 feet of cable with a six (6) pin Deutsch receptacle with a cap.

The remote control pendant shall include 20.00 feet of cable with a mating Deutsch connector. The remote control pendant shall be shipped loose with the chassis.

2306-002

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 with the parking brake released.

1401-009

CAB WINDSHIELD

The cab windshield shall have a surface area of 2825.00 square inches and be of a two (2) piece wraparound design for maximum visibility.

The glass utilized for the windshield shall include standard automotive tint. The left and right windshield shall be fully interchangeable thereby minimizing stocking and replacement costs.

Each windshield shall be installed using black self locking window rubber.

1402-005

GLASS FRONT DOOR

The front cab doors shall include a window which is 27.00 inches in width X 26.00 inches in height. These windows shall have the capability to roll down completely into the door housing. This shall be accomplished manually utilizing a crank style handle on the inside of the door. A reinforced window regulator assembly shall be provided for severe duty use.

There shall be an irregular shaped fixed window which shall measure 2.50 inches wide at the top, 8.00 inches wide at the bottom X 26.00 inches in height, more commonly known as "cozy glass" ahead of the front door roll down windows.

The windows shall be mounted within the frame of the front doors trimmed with a black anodized ring on the exterior.

1407-001

GLASS TINT FRONT DOOR

The windows located in the left and right front doors shall have a standard green automotive tint which shall allow seventy-five percent (75%) light transmittance.

1419-012

GLASS REAR DOOR RH

The rear right hand side door shall include a window which is 27.00 inches in width X 26.00 inches in height. This window shall roll up and down manually utilizing a crank style handle on the inside of the door. A reinforced window regulator assembly shall be provided for severe duty use.

1430-001

GLASS TINT REAR DOOR RIGHT HAND

The window located in the right hand side rear door shall include a standard green automotive tint which shall allow seventy-five percent (75%) light transmittance.

1412-013

GLASS REAR DOOR LH

The rear left hand side door shall include a window which is 27.00 inches in width X 26.00 inches in height. This window shall roll up and down manually utilizing a crank style handle on the inside of the door. A reinforced window regulator assembly shall be provided for severe duty use.

1431-001

GLASS TINT REAR DOOR LEFT HAND

The window located in the left hand side rear door shall include a standard green automotive tint which shall allow seventy-five percent (75%) light transmittance.

1410-010

GLASS SIDE MID RH

The cab shall include a window on the right side behind the front and ahead of the crew doors which shall measure 16.00 inches wide X 12.00 inches high. This window shall be fixed within this space and shall be rectangular in shape. The window shall be mounted using self-locking window rubber. The glass utilized for this window shall include a green automotive tint unless otherwise noted.

1432-001

GLASS TINT SIDE MID RIGHT HAND

The window located on the right hand side of the cab between the front and rear doors shall include a standard green automotive tint which shall allow seventy-five percent (75%) light transmittance.

1409-010

GLASS SIDE MID LH

The cab shall include a window on the left side behind the front door and ahead of the crew door and above the wheel well which shall measure 16.00 inches wide X 12.00 inches high. This window shall be fixed within this space and shall be rectangular in shape. The window shall be mounted using self-locking window rubber. The glass utilized for this window shall include a green automotive tint unless otherwise noted.

1433-001

GLASS TINT SIDE MID LEFT HAND

The window located on the left hand side of the cab between the front and rear doors shall include a standard green automotive tint which shall allow seventy-five percent (75%) light transmittance.

1614-202

CLIMATE CONTROL

A ceiling mounted combination defroster and cabin heating and air conditioning system shall be located above the engine tunnel area. The system covers and plenums shall be of severe duty design made of aluminum which shall be coated with a customer specified interior paint. The design of the system's covers shall provide quick access to washable air intake filters as well as easy access to other serviceable items.

The air delivery plenums provide targeted airflow directly to the vehicle occupants. Six (6) adjustable louvers will provide comfort for the front seat occupants and ten (10) adjustable louvers will provide comfort for the rear crew occupants.

The system shall be capable of producing up to 12 FPM of air velocity at all occupant seating positions. Separate front and rear blower motors shall be of brushless design and shall be controlled independently. It shall be capable of reducing the interior cabin air temperature from 122° F (+/- 3° F) to 80° F in thirty minutes with 50% relative humidity and full solar load as described in SAE J2646.

The system shall also provide heater pull up performance which meets or exceeds the performance requirements of SAE J1612 as well as defrost performance that meets or exceeds the performance requirements of SAE J381.

A gravity drain system shall be provided that is capable of evacuating condensate from the vehicle while on a slope of up to a 13% grade in any direction.

The air conditioning system plumbing shall be a mixture of custom bent zinc coated steel fittings and Aeroquip flexible hose with Aeroquip EZ-Clip fittings.

The overhead heater/defroster plumbing shall include an electronic flow control valve that re-directs hot coolant away from the evaporator, via a bypass loop, as the temperature control is moved toward the cold position.

Any component which needs to be accessed to perform system troubleshooting shall be accessible by one person using basic hand tools. Regularly serviced items shall be replaceable by one person using basic hand tools.

*****The chassis manufacturer recommends that the overall climate system performance be based off third-party testing in accordance with the Society of Automotive Engineering standards as a complete system.***

Individual component level BTU ratings is not an accurate indicator of the performance capability of the completed system. System individual component BTU ratings:

- Air conditioning evaporator total BTU/HR: 82,000
- Air conditioning condenser total BTU/HR: 59,000
- Heater coil total BTU/HR: 98,000

Performance data specified is based on testing performed by an independent third-party test facility using a medium four-door 10" raised roof cab equipped with an ISL engine.

1632-002

CLIMATE CONTROL DRAIN

The climate control system shall include a gravity drain for water management. The gravity drain shall remove condensation from the air conditioning system without additional mechanical assistance.

1617-108

CLIMATE CONTROL ACTIVATION

The heating, defrosting and air conditioning controls shall be located on the Vista display and control screen.

1620-015

HVAC OVERHEAD COVER PAINT

The overhead HVAC cover shall be painted with a multi-tone silver gray texture finish.

1603-003

A/C CONDENSER LOCATION

A roof mounted A/C condenser shall be installed centered on the cab forward of the raised roof against the slope rise.

1601-013

A/C COMPRESSOR

The air-conditioning compressor shall be a belt driven, engine mounted compressor. The compressor shall be compatible with R134-a refrigerant.

*****The chassis manufacturer recommends that the overall climate system performance be based off third-party testing in accordance with the Society of Automotive Engineering standards as a complete system.***

Individual component level ratings are not an accurate indicator of the performance capability of the completed system.

Refrigerant Compressor displacement: 19.1 cubic inches per revolution.

1530-103

UNDER CAB INSULATION

The underside of the cab tunnel surrounding the engine shall be lined with multi-layer insulation, engineered for application inside diesel engine compartments.

The insulation shall act as a noise barrier, absorbing noise thus keeping the decibel level in the cab well within NFPA recommendations. As an additional benefit, the insulation shall assist in sustaining the desired temperature within the cab interior.

The engine tunnel insulation shall measure approximately 0.30 inch thick including a multi-layer foil faced glass cloth and polyester fiber layer. The foil surface acts as protection against heat, moisture and other contaminants. The insulation shall meet or exceed FMVSS 302 flammability test.

The insulation shall be cut precisely to fit each section and sealed for additional heat and sound deflection. The insulation shall be held in place by acrylic pressure sensitive adhesive. In addition, the insulation shall have a removable aluminum overlay installed to protect the insulation and assist in retaining the insulation tight against the engine tunnel surfaces.

1327-001

INTERIOR TRIM FLOOR

The floor of the cab shall be covered with a multi-layer mat consisting of 0.25 inch thick sound absorbing closed cell foam with a 0.06 inch thick non-slip vinyl surface with a pebble grain finish. The covering shall be held in place by a pressure sensitive adhesive and aluminum trim molding. All exposed seams shall be sealed with silicone caulk matching the color of the floor mat to reduce the chance of moisture and debris retention.

1302-001

INTERIOR TRIM

The cab interior shall include trim on the front ceiling, rear crew ceiling, and the cab walls. It shall be easily removable to assist in maintenance. The trim shall be constructed of insulated vinyl over a hard board backing.

1368-002

REAR WALL INTERIOR TRIM

The rear wall of the cab shall be trimmed with vinyl.

1306-006

HEADER TRIM

The cab interior shall feature header trim over the driver and officer dash constructed of 5052-H32 Marine Grade, 0.13 inch thick aluminum.

1305-015

TRIM CENTER DASH

The main center dash area shall be constructed of 5052-H32 Marine Grade, 0.13 inch thick aluminum plate. There shall be four (4) holes located on the top of the dash near each outer edge of the electrical access cover for ventilation. The center dash electrical access cover shall include a gas cylinder stay which shall hold the cover open during maintenance.

1339-102

TRIM LH DASH

The left hand dash shall be constructed of 5052-H32 Marine Grade, 0.13 inch thick aluminum plate for a perfect fit around the instrument panel. For increased occupant protection the extreme duty left hand dash utilizes patent pending break away technology to reduce rigidity in the event of a frontal crash. The left hand dash shall offer lower vertical surface area to the left and right of the steering column to accommodate control panels.

1321-004

TRIM RH DASH

The right hand dash shall be constructed of 5052-H32 Marine Grade, 0.13 of an inch thick aluminum plate and shall include a glove compartment with a hinged door and a Mobile Data Terminal (MDT) provision. The glove compartment size will measure 14.00 inches wide X 6.38 inches high X 5.88 inches deep. The MDT provision shall be provided above the glove compartment.

1307-002

ENGINE TUNNEL TRIM

The cab engine tunnel shall be covered with a multi-layer mat consisting of 0.25 inch closed cell foam with a 0.06 inch thick non-slip vinyl surface with a pebble grain finish. The mat shall be held in place by pressure sensitive adhesive. The engine tunnel mat shall be trimmed with anodized aluminum stair nosing trim for an aesthetically pleasing appearance.

5040-116

POWER POINT DASH MOUNT

The cab shall include four (4) 12 volt cigarette lighter type receptacles in the cab dash to provide a power source for 12 volt electrical equipment. The cab shall also include two (2) universal serial bus (USB) charging receptacles in the cab dash to provide a power source for USB chargeable electrical equipment. Each USB port shall be capable of a 12 watt, 2.4 amp fast charge output. The receptacles shall be wired battery direct.

1303-038

STEP TRIM

Each cab entry door shall include a three step entry. The first step closest to the ground shall be constructed of SAE 304 stainless steel with embossed perforations and diamond shaped cutout. The perforations and cutouts shall allow water and other debris to flow through rather than becoming trapped within the stepping surface. The step shall feature a splash guard to reduce water and debris from splashing in to the step. The splash guard shall have drainage holes beneath the back of the step to allow debris and water to flow through rather than becoming trapped within the stepping surface. The stainless steel material shall have a number 8 mirror finish. The lower step shall be mounted to a frame which is integral with the construction of the cab for rigidity and strength. The middle step shall be integral with the cab construction and shall be trimmed with a Flex-Tred® adhesive grit surface material.

1379-003

UNDER CAB ACCESS DOOR

The cab shall include an aluminum access door in the left crew step riser painted to match the cab interior paint with a push and turn latch. The under cab access door shall provide access to the diesel exhaust fluid fill.

1102-013

INTERIOR DOOR TRIM

The interior trim on the doors of the cab shall consist of an aluminum panel constructed of Marine Grade 5052-H32 0.13 of an inch thick aluminum plate. The door panels shall include a painted finish.

1323-001

DOOR TRIM CUSTOMER NAMEPLATE

The interior door trim on the front doors shall include a customer nameplate which states the vehicle was custom built for their Department.

1105-001

CAB DOOR TRIM REFLECTIVE

The interior of each door shall include high visibility reflective tape. A white reflective tape shall be provided vertically along the rear outer edge of the door. The lowest portion of each door skin shall include a reflective tape chevron with red and white stripes and a Spartan logo. The chevron tape shall measure 6.00 inches in height.

1308-001

INTERIOR GRAB HANDLE "A" PILLAR

There shall be two (2) rubber covered 11.00 inch grab handles installed inside the cab, one on each "A" post at the left and right door openings. The left handle shall be located 7.88 inches above the bottom of the door window opening and the right handle shall be located 2.88 inches above the bottom of the door window opening. The handles shall assist personnel in entering and exiting the cab.

1332-008

INTERIOR GRAB HANDLE FRONT DOOR

Each front door shall include one (1) ergonomically contoured 9.00 inch cast aluminum handle mounted horizontally on the interior door panels. The handles shall feature a textured black powder coat finish to assist personnel entering and exiting the cab.

1345-002

INTERIOR GRAB HANDLE REAR DOOR

A black powder coated cast aluminum assist handle shall be provided on the inside of each rear crew door. A 30.00 inch long handle shall extend horizontally the width of the window just above the window sill. The handle shall assist personnel in exiting and entering the cab.

1301-003

INTERIOR SOFT TRIM COLOR

The cab interior soft trim surfaces shall be gray in color.

1337-001

INTERIOR TRIM SUNVISOR

The header shall include two (2) sun visors, one each side forward of the driver and officer seating positions above the windshield. Each sun visor shall be constructed of Masonite and covered with padded vinyl trim.

1304-001

INTERIOR FLOOR MAT COLOR

The cab interior floor mat shall be gray in color.

1335-017

CAB PAINT INTERIOR DOOR TRIM

The inner door panel surfaces shall be painted with multi-tone silver gray texture finish.

1371-017

HEADER TRIM INTERIOR PAINT

The metal surfaces in the header area shall be coated with multi-tone silver gray texture finish.

1370-019

TRIM CENTER DASH INTERIOR PAINT

The entire center dash shall be coated with multi-tone silver gray texture finish. Any accessory pods attached to the dash shall also be painted this color.

1378-018

TRIM LH DASH INTERIOR PAINT

The left hand dash shall be painted with a multi-tone silver gray texture finish.

1373-018

TRIM RIGHT HAND DASH INTERIOR PAINT

The right hand dash shall be painted with multi-tone silver gray texture finish.

1344-002

DASH PANEL GROUP

The main center dash area shall include three (3) removable panels located one (1) to the right of the driver position, one (1) in the center of the dash and one (1) to the left of the officer position. The center panel shall be within comfortable reach of both the driver and officer.

1312-003

SWITCHES CENTER PANEL

The center dash panel shall include twelve (12) rocker switch positions in a six (6) over six (6) switch configuration in the left portion of the panel.

A rocker switch with a blank legend installed directly above shall be provided for any position without a switch and legend designated by a specific option. The non-specified switches shall be two-position, black switches with a green indicator light. Each blank switch legend can be custom engraved by the body manufacturer. All switch legends shall have backlighting provided.

1313-007

SWITCHES LEFT PANEL

The left dash panel shall include five (5) switches in a three (3) over two (2) staggered switch configuration. Two (2) rocker switches, one (1) headlight switch, one (1) windshield wiper/washer control switch and one (1) instrument lamp dimmer switch shall be provided.

A rocker switch with a blank legend installed directly above shall be provided for any position not designated by a specific option. The non-designated switches shall be two-position, black switches with a green indicator light. Each blank switch legend can be custom engraved by the body manufacturer. All switch legends shall have backlighting provided.

1314-001

SWITCHES RIGHT PANEL

The right dash panel shall include no rocker switches or legends.

1225-007

SEAT BELT WARNING

A Weldon seat belt warning system, integrated with the Vehicle Data Recorder system, shall be installed for each seat within the cab. The system shall provide a visual warning indicator in the Vista display and control screen(s).

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 activate 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 applicable audible alarm shall remain active until all occupied seats have the seat belts fastened.

1237-004

SEAT MATERIAL

The Seats Inc. 911 Battalion and universal seats shall be covered with Turnout Tuff™ rugged material. Turnout Tuff material is rip-stop weave nylon laminated with a polyurethane backing and is water repellent to 75 PSI to protect seats from being saturated or contaminated by fluids. The material meets FMVSS 302 flammability requirements.

1243-001

SEAT COLOR

All seats supplied with the chassis shall be gray in color. All seats shall include red seat belts.

1249-001

SEAT BACK LOGO

The seat back shall include the “Spartan” logo. The logo shall be centered on the standard headrest of the seat back and on the left side of a split headrest.

1201-021

SEAT DRIVER

The driver's seat shall be a Seats Inc. 911 Battalion series with a ten-way adjustable seat. The seat shall feature six-way electric adjustability up and down, fore and aft with 7.25 inches of travel, and seat rake. The seat shall also include lumbar and recline manual adjustment.

The seat shall feature an all belts to seat (ABTS) style of safety restraint. The ABTS feature shall include a three-point shoulder harness with the lap belt, automatic retractor and buckle as an integral part of the seat assembly. The buckle portion of the seat belt shall be mounted on a semi-rigid stalk extending from the seat base within easy reach of the occupant.

The minimum vertical dimension from the seat H-point to the ceiling for this belted seating position shall be 35.00 inches measured with the seat height adjusted to the lowest position of travel.

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. In order 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 with regard to 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.

1213-025

SEAT BACK DRIVER

The driver's seat shall include a standard seat back incorporating the all belts to seat feature (ABTS). The seat back shall feature a contoured head rest.

1219-001

SEAT MOUNTING DRIVER

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

1202-020

SEAT OFFICER

The officer's seat shall be a Seats Inc. 911 Battalion series. The seat shall feature a tapered and padded seat, cushion. The seat shall feature electric six-way adjustable positioning. The six (6) positions shall include up and down and fore and aft. The control shall be located centered under the front of the seat.

The seat shall feature an all belts to seat (ABTS) style of safety restraint. The ABTS feature shall include a three-point shoulder harness with the lap belt, automatic retractor and buckle as an integral part of the seat assembly.

The minimum vertical dimension from the seat H-point to the ceiling for this belted seating position shall be 35.00 inches measured with the seat height adjusted to the lowest position of travel.

This model of seat shall have successfully completed the static load tests 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. In order 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 model of seats shall also have successfully completed the flammability of materials used in the occupant compartments of motor vehicles as outlined in FMVSS 302, of which decides the burning rate of materials in the occupant compartments of motor vehicles.

1214-034

SEAT BACK OFFICER

The officer's seat back shall include an IMMI brand SmartDock® Gen 2 hands-free self contained breathing apparatus (SCBA) holder. The hands-free holder shall meet NFPA 1901-03 9G dynamic requirements for cylinder restraint systems for use in crew compartments of emergency response vehicles. The bracket shall accommodate and secure most types of self-contained breathing apparatus cylinders.

The hands-free holder shall consist of a back plate, bottom cradle, non-marring top claws, and claw height adjustment knob. The height adjustment knob shall allow for easy adjustment of the claws to the SCBA. The hands-free holder's claws shall lock from inertial forces to prevent the SCBA from becoming a projectile in the event of a crash to meet the NFPA 1901-03 standard for SCBA retention. The SCBA holder shall offer single-motion insertion into the claws and hands-free release when the SCBA fitted seat occupant rises.

The seat back shall include a removable padded cover which shall be provided over the SCBA cavity.

1220-006

SEAT MOUNTING OFFICER

The officer's seat shall offer a special mounting position which is 3.00 inches forward of the standard location offering increased room behind the officer seat position.

1297-002

POWER SEAT WIRING

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

1273-001

SEAT BELT ORIENTATION CREW

The crew position seat belts shall follow the standard orientation which extends from the outboard shoulder extending to the inboard hip.

1266-001

SEAT FORWARD FACING CENTER LOCATION

The crew area shall include two (2) forward facing center crew seats with both located at the center of the rear wall.

1206-019

SEAT CREW FORWARD FACING CENTER

The crew area shall include a seat in the forward facing center position which shall be a Seats Inc. 911 Battalion series. The seat shall feature a tapered and padded seat, and cushion. The seat and cushion shall be hinged and compact in design for additional room and shall remain in the stored position until occupied.

The seat shall feature an all belts to seat (ABTS) style of safety restraint. The ABTS feature shall include a three-point shoulder harness with the lap belt and automatic retractor as an integral part of the seat assembly. The buckle portion of the seat belt shall extend from the seat base towards the driver position within easy reach of the occupant.

The minimum vertical dimension from the seat H-point to the ceiling for each belted seating position shall be 35.00 inches.

This model of seat shall have successfully completed the static load tests 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. In order 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 model of seats shall also have successfully completed the flammability of materials used in the occupant compartments of motor vehicles as outlined in FMVSS 302, of which decides the burning rate of materials in the occupant compartments of motor vehicles.

1218-001

SEAT BACK FORWARD FACING CENTER

The seat in the forward facing center position shall include a standard seat back. The seat back shall feature an all belts to seat (ABTS) style safety restraint. The ABTS feature shall include a red, three-point shoulder harness with the lap belt and automatic retractor as an integral part of the seat assembly. The buckle portion of the seat belt shall extend from the seat base towards the driver position within easy reach of the occupant. The seat back shall feature a contoured, adjustable head rest.

1269-101

SEAT FRAME FORWARD FACING

The forward facing center seating positions shall include an enclosed seat frame located and installed on the rear wall. The seat frame shall measure 42.38 inches wide X 12.38 inches high X 22.00 inches deep. The seat frame shall be constructed of Marine Grade 5052-H32 0.19 inch thick aluminum plate. The seat box shall be painted with the same color as the remaining interior.

1281-101

SEAT FRAME FORWARD FACING STORAGE ACCESS

There shall be two (2) access points to the seat frame storage area, one (1) on each side of the seat frame. Each access point shall be covered by a hinged door which measures 15.00 inches in width X 10.63 inches in height.

1224-002

SEAT MOUNTING FORWARD FACING CENTER

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

1311-101

CAB FRONT UNDERSEAT STORAGE ACCESS

The left and right under seat storage areas shall have a solid aluminum hinged door with non-locking latch.

1355-019

SEAT COMPARTMENT DOOR FINISH

All underseat storage compartment access doors shall have a multi-tone silver gray texture finish.

1511-200

WINDSHIELD WIPER SYSTEM

The cab shall include a triple arm linkage wiper system which shall clear the windshield of water, ice and debris. There shall be two (2) windshield wipers; each shall be affixed to a radial arm. The wiper motor shall be activated by an intermittent wiper control located within easy reach of the driver's position.

1534-002

ELECTRONIC WINDSHIELD FLUID LEVEL INDICATOR

The windshield washer fluid level shall be monitored electronically. When the washer fluid level becomes low the yellow "Check Message Center" indicator light on the instrument panel shall illuminate and the message center in the dual air pressure gauge shall display a "Check Washer Fluid Level" message.

1103-004

CAB DOOR HARDWARE

The cab entry doors shall be equipped with exterior pull handles, suitable for use while wearing firefighter gloves. The handles shall be made of aluminum with a chrome plated finish.

The interior exit door handles shall be flush paddle type with a black finish, which are incorporated into the upper door panel.

All cab entry doors shall include locks which are keyed alike. The door locks shall be designed to prevent accidental lockout.

The exterior pull handles shall include a scuff plate behind the handle constructed of polished stainless steel to help protect the cab finish.

1111-004

DOOR LOCKS

The cab entry doors shall include a Controller Area Network (CAN) based electronic door lock system which shall include two (2) external keypads, one (1) located on the left side next to the front grab

handle and one (1) on the right side next to the front grab handle. There shall be one (1) red rocker switch provided on the inside of each front cab entry door to actuate the cab door locks. Each door lock may also be manually actuated from the inside of the cab by means of a red knob located on the paddle handle of the respective door. The electronic door lock system shall include four (4) key fobs for actuation with buttons for cab entry door locks and for compartment door locks.

When the doors are unlocked using the external keypad or the key fobs the interior dome lights shall illuminate and remain on for a period of twenty (20) seconds. The interior dome safety feature shall require the interior lighting power to be battery direct.

Wiring shall also be provided for up to four (4) exterior cab compartments and up to four (4) body compartments.

1113-003

DOOR LOCK LH EMS COMPARTMENT

The left hand side EMS compartment shall feature a power door lock actuator.

1114-003

DOOR LOCK RH EMS COMPARTMENT

The right hand side EMS compartment shall feature a power door lock actuator.

1112-003

POWER DOOR LOCK COMPARTMENT ACTIVATION

The power door lock feature shall include activation for exterior compartment door locks through the key fob, keypads and through a virtual switch on the multiplex display.

1503-200

GRAB HANDLES

The cab shall include one (1) 18.00 inch knurled, anti-slip, one-piece exterior assist handle behind each cab door. The grab handle shall be made of SAE 304 stainless steel and be 1.25 inch diameter to enable non-slip assistance with a gloved hand.

1504-039

REARVIEW MIRRORS

Ramco model CRM-310-1750-CHCHR bus style mirrors shall be provided. The mirror heads shall be injection molded chrome plated ABS plastic and shall measure 9.50 inches wide X 17.50 inches high. The mirrors shall be mounted one (1) on each the driver and officer doors of the cab with polished die-cast aluminum arms.

The mirrors shall feature an upper heated remote controlled flat glass and a lower heated manually adjustable convex 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 thereby reducing vibration. The mirrors shall be corrosion free under all weather conditions.

1529-003

REARVIEW MIRROR HEAT SWITCH

The heat for the rearview mirrors shall be controlled through a virtual button on the Vista display and control screen.

1513-009

CAB FENDER

Full width wheel well liners shall be installed on the extruded cab to limit road splash and enable easier cleaning. Each two-piece liner shall consist of an inner liner 16.00 inches wide made of vacuum formed ABS composite and an outer fenderette 5.00 inches wide made of SAE 304 polished stainless steel.

1514-002

MUD FLAPS FRONT

The front wheel wells shall have mud flaps installed on them.

1526-031

CAB EXTERIOR FRONT & SIDE EMBLEMS

The cab shall include three (3) Spartan emblems. There shall be one (1) installed on the front air intake grille and two (2) for the exterior sides of the cab shipped loose with the chassis for installation by the body manufacturer.

5109-001

IGNITION

A master battery system with a keyless start ignition system shall be provided. Each system shall be controlled by a one-quarter turn Cole Hersee switch, both of which shall be mounted to the left of the steering wheel on the dash. A chrome push type starter button shall be provided adjacent to the master battery and ignition switches.

Each switch shall illuminate a green LED indicator light on the dash when the respective switch is placed in the "ON" position.

The starter button shall only operate when both the master battery and ignition switches are in the "ON" position.

5101-021

BATTERY

The single start electrical system shall include six (6) Harris BCI 31 925 CCA batteries with a 210 minute reserve capacity and 4/0 welding type dual path starter cables per SAE J541.

5106-003

BATTERY TRAY

The batteries shall be installed within two (2) steel battery trays located on the left side and right side of the chassis, securely bolted to the frame rails. The battery trays shall be coated with the same material as the frame.

The battery trays shall include drain holes in the bottom for sufficient drainage of water. A durable, non-conducting, interlocking mat made by Dri-Dek shall be installed in the bottom of the trays to allow for

air flow and help prevent moisture build up. The batteries shall be held in place by non-conducting phenolic resin hold down boards.

5107-007

BATTERY BOX COVER

Each battery box shall include a steel cover which protects the top of the batteries. Each cover shall include flush latches which shall keep the cover secure as well as a black powder coated handle for convenience when opening.

5102-001

BATTERY CABLE

The starting system shall include cables which shall be protected by 275 degree F. minimum high temperature flame retardant loom, sealed at the ends with heat shrink and sealant.

5108-010

BATTERY JUMPER STUD

The starting system shall include battery jumper studs. These studs shall be located in the forward most portion of the driver's side lower step, 8.00 inches apart. The studs shall allow the vehicle to be jump started, charged, or the cab to be raised in an emergency in the event of battery failure.

5104-001

ALTERNATOR

The charging system shall include a 270 amp Leece Neville 12 volt alternator. The alternator shall include a self-excited integral regulator.

5105-001

STARTER MOTOR

The single start electrical system shall include a Delco brand starter motor.

5202-115

BATTERY CONDITIONER

A Kussmaul Auto Charge 40 LPC battery conditioner shall be supplied. The battery conditioner shall provide a 40 amp output for the chassis batteries and a 15 amp output circuit for accessory loads. The battery conditioner shall be mounted in the cab on top of the left hand mid EMS compartment. The battery conditioner shall include an additional 6.00 feet of coiled wire for relocation by the body manufacturer.

5203-003

BATTERY CONDITIONER DISPLAY

A Kussmaul battery conditioner display shall be supplied. The battery conditioner display shall be mounted in front of the left side door just below the windshield.

5209-039

ELECTRICAL INLET LOCATION

An electrical inlet shall be installed on the left hand side of the cab ahead of the front door in the mid position.

5204-055

ELECTRICAL INLET

A Kussmaul 20 amp super auto-eject electrical receptacle shall be supplied. It shall automatically eject the plug when the starter button is depressed.

A single item or an addition of multiple items must not exceed the rating of the electric inlet that it's connected to.

Amp Draw Reference List:

Kussmaul 40 LPC Charger - 5 Amps

Kussmaul 40/20 Charger - 8.5 Amps

Kussmaul 80 LPC Charger - 13 Amps

Kussmaul EV-40 - 6.2 Amps

Blue Sea P12 7532 - 7.5 Amps

Iota DLS-45/IQ4 - 11 Amps

1000W Engine Heater - 8.33 Amps

1500W Engine Heater - 12.5 Amps

120V Air Compressor - 4.2 Amps

120V Dometic HVAC - 15 Amps

5210-004

ELECTRICAL INLET CONNECTION

The electrical inlet shall be connected to the battery conditioner.

5206-010

ELECTRICAL INLET COLOR

The electrical inlet connection shall include a white cover.

5301-102

HEADLIGHTS

The cab front shall include four (4) rectangular LED headlamps with separate high and low beams mounted in bright chrome bezels. Each lamp shall include a heating system that de-ices the headlight.

5337-001

HEADLIGHT LOCATION

The headlights shall be located on the front fascia of the cab directly below the front warning lights.

5303-004

FRONT TURN SIGNALS

The front fascia shall include two (2) Whelen model 600 4.00 inches X 6.00 inches programmable amber LED turn signals which shall be installed in an outboard position within the front fascia chrome bezel.

5336-015

SIDE TURN/MARKER LIGHTS

The sides of the cab shall include two (2) Tecniq S170 LED side marker lights which shall be provided just behind the front cab radius corners. The lights shall be amber with chrome bezels.

5302-022

MARKER AND ICC LIGHTS

In accordance with FMVSS, there shall be five (5) Tecniq S170 LED cab marker lamps designating identification, center and clearance provided. These lights shall be installed on the face of the cab within full view of other vehicles from ground level. The lights shall be amber with chrome bezels.

5350-092

HEADLIGHT AND MARKER LIGHT ACTIVATION

The headlights and marker lights shall be controlled through a rocker switch within easy reach of the driver. There shall be a dimmer switch within easy reach of the driver to adjust the brightness of the dash lights. The headlamps shall be equipped with the "Daytime Running" light feature, which shall illuminate the headlights when the ignition switch is in the "On" position and the parking brake is released.

5426-008

LIGHTBAR SWITCH

The light bar shall be controlled through a virtual button on the Vista display and control screen. There shall be an additional button located on the Vista display and control screen to control the clear lights.

5305-351

INTERIOR OVERHEAD LIGHTS

The cab shall include a Weldon LED dome lamp located over each door. The lights shall include push switches on each lamp to activate both the clear and red portions of the light individually.

5388-003

INTERIOR OVERHEAD LIGHTS ACTIVATION

The clear portion of each lamp shall be activated by opening the respective door and via the multiplex display.

5403-062

LIGHTBAR PROVISION

There shall be one (1) light bar installed on the cab roof. The light bar shall be provided and installed by the chassis manufacturer. The light bar installation shall include a lowered mounting that shall place the light bar just above the junction box and wiring to a control switch on the cab dash.

5450N-011

CAB FRONT LIGHTBAR MODEL

The cab shall be provided with one (1) Whelen light bar.

See the light bar layout for specific details.

5450-418

CAB FRONT LIGHTBAR

The lightbar provisions shall be for one (1) Whelen brand Justice JE2NFPA lightbar mounted centered on the front of the cab roof. The lightbar shall be 56.00 inches in length. The lightbar shall feature eight (8) red LED lights and two (2) clear LED lights. The clear lights shall be disabled with park brake engaged. The cable shall exit the lightbar on the right side of the cab.

5317-183

FRONT SCENE LIGHTS

The front of the cab shall include one (1) HiViz model FireTech FT-B-46 LED scene light installed on the brow of the cab.

The housing shall be powder coated white.

5329-003

FRONT SCENE LIGHT LOCATION

There shall be one (1) scene light mounted center on the front brow of the cab.

5335-003

FRONT SCENE LIGHTS ACTIVATION

The front scene lighting shall be activated by a virtual button on the Vista display and control screen.

5306-065

SIDE SCENE LIGHTS

The side of the cab shall include two (2) Whelen 900 series 9SC0ENZR model scene lights, one (1) each side which shall be surface mounted with a chrome bezel. The Whelen lights shall offer LED lighting at a gradient 32-degree angle.

5318-004

SIDE SCENE LIGHT LOCATION

The scene lighting located on the left and right sides of the cab shall be mounted rearward of the cab "B" pillar in the 10.00 inch raised roof portion of the cab between the front and rear crew doors.

5316-004

SIDE SCENE ACTIVATION

The scene lights shall be activated by two (2) rocker switches located in the switch panel, one (1) for each light, and by opening the respective side cab doors.

5308-300

GROUND LIGHTS

Each door shall include a Tecniq T44 LED ground light mounted to the underside of the cab step below each door. The lights shall include a polycarbonate lens, a housing which is vibration welded and LEDs which shall be shock mounted for extended life.

5386-011

GROUND LIGHTS

The ground lighting shall be activated by the opening of the door on the respective cab side and a rocker switch in the dash panel.

5309-003

LOWER CAB STEP LIGHTS

The middle step located at each door shall include a Tecniq T44 LED light which shall activate with the opening of the respective door. The lights shall include a polycarbonate lens, a housing which is vibration welded and LEDs which shall be shock mounted for extended life.

5382-007

INTERMEDIATE STEP LIGHTS

The intermediate step well area at each door shall include a TecNiq D06 LED light within a chrome housing. The egress step lights shall provide visibility to the step well area for the first step exiting the vehicle. The egress step lights shall activate with entry step lighting.

5310-002

MAP LIGHTS

A Roxter gooseneck style map light shall be provided. The light shall have a clear bulb and a control switch on the base. The light shall be located on the right hand side of the dash.

5312-003

ENGINE COMPARTMENT LIGHT

There shall be a LED NFPA compliant light mounted under the engine tunnel for area work lighting on the engine. The light shall include a polycarbonate lens, a housing which is vibration welded and a bulb which shall be shock mounted for extended life. The light shall activate automatically when the cab is tilted.

5406-119

DO NOT MOVE APPARATUS LIGHT

The front headliner of the cab shall include a flashing red TecNiq K50 LED light clearly labeled "Do Not Move Apparatus". In addition to the flashing red light, an audible alarm shall be included which shall sound while the light is activated.

The flashing red light shall be located centered left to right for greatest visibility.

The light and alarm 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.

5422-002

MASTER WARNING SWITCH

A master switch shall be included, as a virtual button on the Vista display and control screen which shall be labeled “E Master” for identification. The button shall feature control over all devices wired through it. Any warning device switches left in the “ON” position when the master switch is activated shall automatically power up.

5409-002

HEADLIGHT FLASHER

An alternating high beam headlight flashing system shall be installed into the high beam headlight circuit which 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.

5425-018

HEADLIGHT FLASHER SWITCH

The flashing headlights shall be activated through a rocker switch on the switch panel. The rocker switch shall be clearly labeled for identification.

5401-002

INBOARD FRONT WARNING LIGHTS

The cab front fascia shall include two (2) Whelen 600 series Super LED front warning lights in the left and right inboard positions. The lights shall feature multiple flash patterns including steady burn for solid colors and multiple flash patterns for split colors. The lights shall be mounted to the front fascia of the cab within a chrome bezel.

5413-002

INBOARD FRONT WARNING LIGHTS COLOR

The warning lights mounted on the cab front fascia in the inboard positions shall be red.

5423-003

FRONT WARNING SWITCH

The front warning lights shall be controlled through a virtual control on the Vista display and control screen. This switch shall be clearly labeled for identification.

5404-002

INTERSECTION WARNING LIGHTS

The chassis shall include two (2) Whelen 600 series Super LED intersection warning lights, one (1) each side. The lights shall feature multiple flash patterns including steady burn for solid colors and multiple flash patterns for split colors.

5419-002

INTERSECTION WARNING LIGHTS COLOR

The intersection lights shall be red.

5420-002

INTERSECTION WARNING LIGHTS LOCATION

The intersection lights shall be mounted on the side of the bumper in the rearward position.

5402-002

SIDE WARNING LIGHTS

The cab sides shall include two (2) Whelen 600 series Super LED warning lights, one (1) on each side. The lights shall feature multiple flash patterns including steady burn for solid colors and multiple flash patterns for split colors. The lights shall be mounted to the sides of the cab within a chrome bezel.

5418-002

SIDE WARNING LIGHTS COLOR

The warning lights located on the side of the cab shall be red.

5412-009

SIDE WARNING LIGHTS LOCATION

The warning lights on the side of the cab shall be mounted over the front wheel well forward from the center of the front axle.

5424-003

SIDE AND INTERSECTION WARNING SWITCH

The side warning lights shall be controlled through a virtual button on the Vista display and control screen. This button shall be clearly labeled for identification.

5469-004

TANK LEVEL LIGHTS

There shall be two (2) Whelen Strip-Light Plus XL tank lights surface mounted within a chrome bezel.

The light strips shall feature four (4) colors of LED lights to indicate the fluid level of a tank. The lights shall change in color to indicate the water level of the tank in ¼ tank increments, the colors shall change from green indicating a full tank to blue, amber, and red as the tank level drops.

5470-003

TANK LEVEL LIGHTS ACTIVATION

An FRC remote large light driver shall be installed under the dash with the signal wire for the primary display routed to the rear of cab on the chassis.

The light activation shall be active with the park brake set and ignition on.

5471-002

TANK LEVEL LIGHTS LOCATION

There shall be water level lights mounted on each side of the cab, behind the rear cab doors.

5449-049

REAR WARNING LIGHTS

The cab shall be prewired and contain a cutout for a Whelen TACTL5 Traffic Advisor control head to be installed by the body builder. The prewire shall be coiled under the center dash panel.

Wiring provisions shall be provided routed to the rear of the frame for OEM installation of up to eight (8) individual traffic advisor warning lights rated at no more than one (1) amp each.

The power to the control head shall be master power switched and activation dependent upon the state of the controllers switched position upon receiving power.

5407-003

INTERIOR DOOR OPEN WARNING LIGHTS

The interior of each door shall include one (1) red 4.00 inch diameter Truck-Lite LED warning light located on the door panel. Each light shall activate with a flashing pattern when the door is in the open position to serve as a warning to oncoming traffic.

5510-004

SIREN CONTROL HEAD

A Whelen 295HFS2 electronic siren control head with remote amplifier shall be provided and flush mounted in the switch panel with a location specific to the customer's needs. The siren shall feature 200-watt output, hands free mode and shall be in "standby" mode awaiting instruction. The siren shall offer radio broadcast, public address, wail, yelp, or piercer tones and hands free operation which shall allow the operator to turn the siren on and off from the horn ring if a horn/siren selector switch option is also selected.

5514-002

STEERING WHEEL HORN BUTTON SELECTOR SWITCH

A rocker switch shall be installed in the switch panel between the driver and officer to allow control of either the electric horn or the air horn from the steering wheel horn button. The electric horn shall sound by default when the selector switch is in either position to meet FMCSA requirements.

5512-037

AIR HORN AUXILIARY ACTIVATION

The air horn activation shall be accomplished two (2) black momentary push buttons on the switch panel. An air horn activation circuit shall be provided to the chassis harness pump panel harness connector.

5513-177

MECHANICAL SIREN BRAKE/AUXILIARY ACTIVATION

The mechanical siren shall be actuated by two (2) black push buttons in the switch panel on the dash. Two (2) red momentary siren brake rocker switches shall be provided in the switch panel on the dash.

5532-001

MECHANICAL SIREN INTERLOCK

The siren shall only be active when master warning switch is on to prevent accidental engagement.

5505-002

BACK-UP ALARM

An ECCO model 575 backup alarm shall be installed at the rear of the chassis with an output level of 107 dB. The alarm shall automatically activate when the transmission is placed in reverse.

5601-041

INSTRUMENTATION

An ergonomically designed instrument panel shall be provided. Each gauge shall be backlit with LED lamps. Stepper motor movements shall drive all gauges. The instrumentation system shall be multiplexed and shall receive ABS, engine, and transmission information over the J1939 data bus to reduce redundant sensors and wiring.

A twenty eight (28) icon lightbar message center with integral LCD odometer/trip odometer shall be included. The odometer shall display up to 999,999.9 miles. The trip odometer shall display 9,999.9 miles. The LCD message center screen shall be capable of custom configuration by the users for displaying certain vehicle status and diagnostic functions.

The instrument panel shall contain the following gauges:

One (1) three-movement gauge displaying vehicle speed, fuel level, and Diesel Exhaust Fluid (DEF) level. The primary scale on the speedometer shall read from 0 to 100 MPH, and the secondary scale on the speedometer shall read from 0 to 160 KM/H. The scale on the fuel and DEF level gauges shall read from empty to full as a fraction of full tank capacity. Red indicator lights in the gauge and an audible alarm shall indicate low fuel or low DEF at 1/8th tank level.

One (1) three-movement gauge displaying engine RPM, and primary and secondary air system pressures shall be included. The scale on the tachometer shall read from 0 to 3000 RPM. The scale on the air pressure gauges shall read from 0 to 150 pounds per square inch (PSI) with a red line zone indicating critical levels of air pressure. Red indicator lights in the gauge and an audible alarm shall indicate low air pressure.

One (1) four-movement gauge displaying engine oil pressure, coolant temperature, voltmeter, and transmission temperature shall be included. The scale on the engine oil pressure gauge shall read from 0 to 100 pounds PSI with a red line zone indicating critical levels of oil pressure. A red indicator light in the gauge and audible alarm shall indicate low engine oil pressure. The scale on the coolant temperature gauge shall read from 100 to 250 degrees Fahrenheit (°F) with a red line zone indicating critical coolant temperatures. A red indicator light in the gauge and audible alarm shall indicate high coolant temperature. The scale on the voltmeter shall read from 9 to 18 volts with a red line zone indicating critical levels of battery voltage. A red indicator light in the gauge and an audible alarm shall indicate high or low system voltage. The low voltage alarm shall indicate when the system voltage has dropped below 11.8 volts for more than 120 seconds in accordance with the requirements of NFPA 1901. The scale on the transmission temperature gauge shall read from 100 to 300 degrees °F with a red line zone indicating critical temperatures. A red indicator light in the gauge and an audible alarm shall indicate a high transmission temperature.

The light bar portion of the message center shall include twenty-eight (28) LED backlit indicators. The lightbar shall be split with fourteen (14) indicators on each side of the LCD message screen. The lightbar shall contain the following indicators and produce the following audible alarms when supplied in conjunction with applicable configurations:

RED INDICATORS

Stop Engine - indicates critical engine fault
Air Filter Restricted - indicates excessive engine air intake restriction
Park Brake - indicates parking brake is set
Seat Belt - indicates a seat is occupied and corresponding seat belt remains unfastened
Low Coolant - indicates critically low engine coolant
Cab Tilt Lock - indicates the cab tilt system locks are not engaged.

AMBER INDICATORS

Malfunction Indicator Lamp (MIL) - indicates an engine emission control system fault
Check Engine - indicates engine fault
Check Transmission - indicates transmission fault
Anti-Lock Brake System (ABS) - indicates anti-lock brake system fault
High exhaust system temperature – indicates elevated exhaust temperatures
Water in Fuel - indicates presence of water in fuel filter
Wait to Start - indicates active engine air preheat cycle
Windshield Washer Fluid – indicates washer fluid is low
DPF restriction - indicates a restriction of the diesel particulate filter
Regen Inhibit-indicates regeneration of the DPF has been inhibited by the operator
Range Inhibit - indicates a transmission operation is prevented and requested shift request may not occur.
SRS - indicates a problem in the supplemental restraint system
Check Message - indicates a vehicle status or diagnostic message on the LCD display requiring attention.

GREEN INDICATORS

Left and Right turn signal indicators
ATC - indicates low wheel traction for automatic traction control equipped vehicles, also indicates mud/snow mode is active for ATC system
High Idle - indicates engine high idle is active.
Cruise Control - indicates cruise control is enabled
OK to Pump - indicates the pump is engaged and conditions have been met for pump operations
Pump Engaged - indicates the pump transmission is currently in pump gear
Auxiliary Brake - indicates secondary braking device is active

BLUE INDICATORS

High Beam indicator

AUDIBLE ALARMS

Air Filter Restriction
Cab Tilt Lock
Check Engine
Check Transmission

Open Door/Compartment
High Coolant Temperature
High or Low System Voltage
High Transmission Temperature
Low Air Pressure
Low Coolant Level
Low DEF Level
Low Engine Oil Pressure
Low Fuel
Seatbelt Indicator
Stop Engine
Water in Fuel
Extended Left/Right Turn Signal On
ABS System Fault

5624-001

BACKLIGHTING COLOR

The instrumentation gauges and the switch panel legends shall be backlit using red LED backlighting.

5701-300

RADIO

A Jensen brand radio with weather band, AM/FM stereo receiver, rear RCA input pigtail connector, Bluetooth, satellite radio capability, and a covered front auxiliary mini stereo input with iPod ready front and rear USB inputs shall be installed in a customer specified location.

5736-200

RADIO LOCATION

The radio shall be installed in the right hand overhead position above the officer.

5707-003

AM/FM ANTENNA

A small antenna shall be located on the right hand side of the cab roof for AM/FM and weather band reception.

5737-200

RADIO SPEAKERS

There shall be two (2) speakers installed in the front portion of the cab recessed overhead and two (2) speakers installed on the upper rear wall of the cab. The speakers shall be provided for connection to the sound system.

5726-002

CAMERA LEFT HAND

One (1) Audiovox Voyager heavy duty rearview teardrop shaped chrome plated housing camera shall be mounted on the driver side of the cab below the windshield ahead of the front door at approximately the same level as the cab door handles. The camera display shall activate when the left side turn signal is activated.

5727-002

CAMERA RIGHT HAND

One (1) Audiovox Voyager heavy duty rearview teardrop shaped chrome plated housing camera shall be mounted on the officer side of the cab below the windshield ahead of the front door at approximately the same level as the cab door handles. The camera display shall activate when the right side turn signal is activated.

5728-009

CAMERA REAR

One (1) Audiovox Voyager heavy duty box shaped HD camera shall be shipped loose for OEM installation in the body to afford the driver a clear view to the rear of the vehicle.

The camera system shall include a one-way communication device that shall be an integral part of the rear camera for the use of voice commands directly to the driver. The rear camera display shall activate when the vehicle's transmission is placed in reverse.

5731-004

CAMERA DISPLAY

The camera system shall be wired to a single Weldon Vista display located on the driver's side dash. The camera system display can be activated through the Vista display panel.

5732-002

CAMERA SPEAKER

The rear camera shall be wired to speaker(s) in the cab and shall audible to the driver and officer. There shall be a virtual button provided on the Vista display and control panel to deactivate the speaker(s).

5702-023

TWO-WAY RADIOS

A radio wire conduit with a pull wire included shall be installed and routed from behind the dash to under the officer's seat for radio installation by the customer. The officer's under seat storage area shall include an access hole for the conduit cut into the rear face of the seat box. The hole shall be approximately 1.00 inch from the bottom and 1.00 from the inner wall of the seat box.

8814-002

CAB EXTERIOR PROTECTION

The cab face shall have a removable plastic film installed over the painted surfaces to protect the paint finish during transport to the body manufacturer.

8806-001

FIRE EXTINGUISHER

A 2.50 pound D.O.T approved fire extinguisher with BC rating shall be shipped loose with the cab.

8807-002

ROAD SAFETY KIT

The cab and chassis shall include one (1) emergency road safety triangle kit.

8810-001

DOOR KEYS

The cab and chassis shall include a total of four (4) door keys for the manual door locks.

8003-197

WARRANTY

Purchaser shall receive a Custom Chassis Two (2) Years or 36,000 Miles limited warranty in accordance with, and subject to, warranty certificate RFW0102. The warranty certificate is incorporated by reference into this proposal, and included with this proposal or available upon request.

8030-006

CHASSIS OPERATION MANUAL

There shall be two (2) digital copies of the chassis operation manual provided with the chassis. The digital data shall include a parts list specific to the chassis model.

8031-024

ENGINE AND TRANSMISSION OPERATION MANUALS

The following manuals specific to the engine and transmission models ordered will be included with the chassis in the ship loose items:

(1) Hard copy of the Engine Operation and Maintenance manual with digital copy

(1) Digital copy of the Transmission Operator's manual

(1) Digital copy of the Engine Owner's manual

8032-002

ENGINE SERVICE MANUALS

There shall be one (1) printed hard copy set of Cummins engine service reference manuals which shall be provided with the chassis.

8033-001

TRANSMISSION SERVICE MANUALS

There shall be one (1) printed hard copy set of Allison 3000 transmission service manuals included with the chassis.

8805-007

CAB/CHASSIS AS BUILT WIRING DIAGRAMS

The cab and chassis shall include two (2) digital copies of wiring schematics and option wiring diagrams.

8039-001

SALES TERMS

The sale of the chassis shall be governed by the terms contained on the Sales Terms – Acceptance of Purchase Order document, a copy of which is attached to this option.

9005-002

DRIVELINE LAYOUT CONFIRMATION

During the design phase of the chassis the Spartan Chassis driveline engineer shall submit the driveline layout to an OEM engineer to review the chassis design for any potential problems integrating the OEM body to the chassis. The OEM engineer shall provide approval to the driveline engineer prior to driveline bills of materials being released.



Quote Summary with Notes

Customer: Dinuba Fire Department
496 E. Tulare Street

Dealership: Fire Apparatus Solutions
1762 S Sycamore Ave

Dinuba, CA 93618

Rialto, CA 92376

Quote No: 0022199

Quote Name: Dinuba FD Type 1 Engine 12-8-21

S.O.#:

Unit Type:

Option ID

Description

General Info

General Info Section

911099

Custom Pumper

911085

Destination, United States

911059

Bidding Prerequisites, United States

911069

Intent of Specifications, Pumper

911060

Standards Version, NFPA 1901-2016

911064

Inspection Certificate, NFPA 1901 Compliance

911070

Documentation, NFPA

980016

Owner's Manuals, Electronic, (1) USB Drive

911081

Misc. Equipment Allowance, 2,500 Lb.

901080

Tilt Table Test, Not Required, Chassis ESC

980012

Pump Certification, Independent Third Party

911066

Pump Certification Measure, U.S. GPM

911304

Apparatus Production Photos

911073

Pre-Construction Meeting, OEM Factory

911074

Final Inspection, OEM Factory, Required

900469

Overall Height, 121" (10'-1")

901140

Overall Length, 345" (28'-9")

901065

Wheelbase, 169" (14'-1")

900659

Angle of Approach, 14 Degrees

900683

Angle of Departure, 17 Degrees

Chassis

Chassis Section

910014

Custom Chassis, Spartan, Metro Star

910019

Axles, Single

001360

OEM Chassis Preparations, Spartan Metro Star/Gladiator

001200

Mud Flaps, Front Chassis Provided, Rear OEM Provided

910021

Cab Electrical, Multiplex

007487

Extend Chassis Air Tank Drains, Outside of Body

UPOxxxxxxx

(2) Grab Handles Mount Vertically on Front of Cab

001379

Heat Exchanger, Chassis Supplied and Installed

100964

Relocate Cab Tilt Pendant, Standard Location

910156

Front Bumper, Chassis Supplied and Installed

Option ID	Description
UPOxxxxxxx	Storage Well Cover, Front Bumper, Center, Tread Plate with Notch
UPOxxxxxxx	Map Console, 3-Slot (1-1/2" Binders), Zolatone Finish
911113	Map Console Location, Engine Tunnel Mounted, Drop-In
911284	Battery Charger, Chassis Supplied and Installed
110034	Helmet Brackets (4), Zico, UHH-1
111539	Flashlights (2), Streamlight, E-Spot LiteBox, LED, Orange, 45855, Vehicle Mount System
UPOxxxxxxx	Flashlights, (4) Streamlight Stinger (2020) LED Rechargeable w/ (75105) Smart Chargers and (22050) 12V DC Charging Cords
UPOxxxxxxx	SCBA Compartment - Rear Facing, Behind Driver's Seat
UPOxxxxxxx	SCBA Compartment - Rear Facing, Behind Officer's Seat
112090	EMS Finish, Abraded, 2 EMS Compartments
UPOxxxxxxx	Gear Compartment Behind Engine Tunnel
Water/Foam Tanks	<u>Water/Foam Tanks Section</u>
110077	Water Tank, Pro-Poly, 750 U.S. Gallons
910157	Water Tank Mounting, Pumpers
000350	Water Tank Drain, 1-1/2" Valve, Pumpers
910158	Water Tank Fill Tower, Pro-Poly, Black
	<i>Shop Note:</i> <i>Stainless steel hinge for the tower lid</i>
010068	Water Tank Level Gauge, Class 1 Intelli-Tank ITL-12093, Pump Operator's Panel, Slave in Cab
	<i>Shop Note:</i> <i>Tank level indicator in cab mounted same location as S4478</i>
002170	Water Tank Level Display, Chassis Supplied 4-Light, Cab Sides, OEM Supplied and Installed Class 1 Driver
004776	Water Tank Overflow, Pro-Poly, 4"
005537	Foam Cell, Pro Poly, 40 U.S. Gallon
910172	Foam Cell Type, Class A
910168	Foam Cell Fill Tower, Pro Poly, Black
UPOxxxxxxx	Foam Tank Level Gauges (2), Class 1 Intelli-Tank Gauge, Class A Foam, Left & Right Side Pump Panels
Hose Bed	<u>Hose Bed Section</u>
110131	Hose Bed, Aluminum, Standard, Painted Primary Body Color Finish
	<i>Shop Note:</i> <i>Hosebed left to right: 200' 1 1/2" hose Hosebed Divider 800' 3" hose Backboard Storage 1000' 5" hose Hosebed Divider 200' 1 1/2" hose</i>
910378	Hose Load, Double-Jacket Hose, 200' of 1-1/2"
910412	Hose Load, Double-Jacket Hose, 800' of 3"
910486	Hose Load, Rubber Hose, 1000' of 5"
910378	Hose Load, Double-Jacket Hose, 200' of 1-1/2"
009340	Hose Bed Doors, Tread Plate, Power Operated, Independent, On-Scene Night Axe 36" LED Lighting (2)
	<i>Shop Note:</i> <i>Left side hosbed cover to cover the hatch compartments</i>

Option ID	Description
100005	Hose Bed Rear Restraint, Vinyl, Top C-Rail, Bottom Footman Loop / J-Hook, Red
009342	Hose Bed Dividers (2), 1/4" Alum., Adjustable, Abraded
UPOxxxxxxx	Additional Hose Storage, Below Ladder Rack, Treadbrite Cover with Vinyl Flap at Rear
	<i>Shop Note:</i> <i>Need to add 3" of height to this compartment. Same as what has been done on previous older Butte County unit.</i>
UPOxxxxxxx	Backboard Storage, Two (2), Center of Hose Bed, Tread Plate Door, w/ Whelen OS Lighting
UPOxxxxxxx	Treadplate Dunnage Area between Fill Towers, Duradek Floor, Hinged Cover
Body / Pump Module	Body / Pump Module
002630	Body, 100" Wide, Custom Pumper, Single-Axle, Aluminum, 1/8"
120790	Side Compartment Doors, Lap Doors, Painted
101621	Inner Door Pan, Side Doors, Abraded
120878	Compartment Door Handles, Lap Doors, All Locking (6)
UPOxxxxxxx	Rear Compartment Doors, (2), Tread Plate Lap Doors, Locking
UPOxxxxxxx	Inner Door Pan, (2) Rear Doors, Line-X
121113	Compartment Lighting, On-Scene, Night Axe Series LED (14)
000934	Compartment Finish, Bedliner Coating, Gray
000474	Air Release and Drain Holes, All Compartments
000440	Sill Protectors, Anodized Aluminum, Lap Door Compartments
900968	Fuel Fills, Included with Triangle Air Bottle Compartments, Driver's and Officer's Side
901151	Wheel Well Storage Design, Single Axle, Standard
120709	Driver's (Left) Body Style, Single Axle, L1 Full, L2 Upper, L3 Full
L1	L1 Components
Height	Height - 63"
Width	Width - 28"
Upper Depth	Upper Depth - 14"
Lower Depth	Lower Depth - 25"
Divide Height	Intermediate Divide Height - 27"
900983	Lap Door Hinge, Vertical, Rearward
120292	Shelves (2), Adjustable, Aluminum, Shallow Depth (2 Struts), Abraded
002742	Shelf (1), Adjustable, Aluminum, Full Depth (4 Struts), Abraded
003438	Tray (1), Floor-Mounted Roll Out, Innovative Ind., 300# (SM3-LP), 100% Extension, Abraded
120785	Compartment Struts, Vertical, Welded Aluminum
Cmpt. Layout	The compartment layout shall be detailed at the pre-construction meeting.
L2	L2 Components
Height	Height - 31"
Width	Width - 62"
Upper Depth	Upper Depth - 14"
Lower Depth	Lower Depth - 14"
Divide Height	Intermediate Divide Height - "

Option ID	Description
900982	Lap Door Hinge, Horizontal, Top
000428	Struts, (2), Horizontal, Back Wall of Compartment, Aluminum
Cmpt. Layout	The compartment layout shall be detailed at the pre-construction meeting.
L3	L3 Components
Height	Height - 59"
Width	Width - 36"
Upper Depth	Upper Depth - 14"
Lower Depth	Lower Depth - 25"
Divide Height	Intermediate Divide Height - 23"
900981	Lap Door Hinge, Vertical, Forward
120292	Shelves (2), Adjustable, Aluminum, Shallow Depth (2 Struts), Abraded
003438	Tray (1), Floor-Mounted Roll Out, Innovative Ind., 300# (SM3-LP), 100% Extension, Abraded
007812	Tool Board (1), Slide Out Aluminum, Full Height, Split Depth, Abraded, Locking Roller Assembly
120785	Compartment Struts, Vertical, Welded Aluminum
000471	Vertical Partition, Bolt-In, Full Height
Cmpt. Layout	The compartment layout shall be detailed at the pre-construction meeting.
120648	WL1, Air Bottle Compartment, OEM Brushed SS Door, Single 8"
120644	WL3, Air Bottle Compartment with Fuel Fill, OEM Brushed SS Door, Double (Triangle) 8"
120729	Officer's (Right) Body Style, Single Axle, R1 Full, Equipment Rack, R2 Upper, R3 Full
R1	R1 Components
Height	Height - 63"
Width	Width - 28"
Upper Depth	Upper Depth - 14"
Lower Depth	Lower Depth - 25"
Divide Height	Intermediate Divide Height - 27"
900983	Lap Door Hinge, Vertical, Rearward
120292	Shelves (2), Adjustable, Aluminum, Shallow Depth (2 Struts), Abraded
002742	Shelf (1), Adjustable, Aluminum, Full Depth (4 Struts), Abraded
120785	Compartment Struts, Vertical, Welded Aluminum
Cmpt. Layout	The compartment layout shall be detailed at the pre-construction meeting.
R2	R2 Components
Height	Height - 31"
Width	Width - 39"
Upper Depth	Upper Depth - 14"
Lower Depth	Lower Depth - 14"
Divide Height	Intermediate Divide Height - "
900982	Lap Door Hinge, Horizontal, Top
002740	Shelf (1), Adjustable, Aluminum, Shallow Depth (2 Struts), Abraded
120785	Compartment Struts, Vertical, Welded Aluminum

Option ID	Description
Cmpt. Layout	The compartment layout shall be detailed at the pre-construction meeting.
R3	R3 Components
Height	Height - 59"
Width	Width - 36"
Upper Depth	Upper Depth - 14"
Lower Depth	Lower Depth - 25"
Divide Height	Intermediate Divide Height - 23"
900981	Lap Door Hinge, Vertical, Forward
101438	Additional Compartment Venting, Flammable Materials, Duckbill Floor Drain
120785	Compartment Struts, Vertical, Welded Aluminum
Cmpt. Layout	The compartment layout shall be detailed at the pre-construction meeting.
120657	WR1, Air Bottle Compartment, OEM Brushed SS Door, Single 8"
120671	WR3, Air Bottle Compartment with Fuel Fill, OEM Brushed SS Door, Double (Triangle) 8"
009216	Hydraulic Equipment Rack Attachment, Officer's Side, Ground Ladders, Pike Poles
121181	Hydraulic Equipment Rack Accessories, Treadplate Cover, No Shield
121189	Hydraulic Equipment Rack Switch, Located on Pump Panel
000745	Audible Alarm for Hydraulic Equipment Rack
121487	Rear Body Style, Recessed Back, Standard Hose Bed, One Compartment
T1	T1 Components
Height	Height - 38"
Width	Width - 44"
Depth	Depth - 17"
002742	Shelf (1), Adjustable, Aluminum, Full Depth (4 Struts), Abraded
UPOxxxxxxx	Tray (1), Floor-Mounted Roll Out, Innovative Ind., 300# (SM3-LP), 100% Extension, Abraded, Flat Plate, No Lips
Cmpt. Layout	The compartment layout shall be detailed at the pre-construction meeting.
005119	Sub-Frame, GS-36, Hot-Dip Galvanized, Custom Pumpers, Aluminum and Galvaneal Bodies
UPOxxxxxxx	Hatch Compartment, Driver's Side, Covered by Hose Bed Doors, Centered Bulkhead, On-Scene Night Axe LED Lighting, Landing at Rear
120758	Hatch Compartment Flooring, Driver's Side, Black Dri-Dek, (2) Hatch Sections
900963	Walkways/Overlays/Stepping Surfaces, Tread Plate, NFPA 1901
005154	Rear Deck, Bolt-On, Recessed Back, Tread Plate, Full Depth Sides
	<i>Shop Note:</i> <i>Tailboard to be 12-1/4" Deep</i>
008464	Auxiliary Step, Below Rear Deck, Bar Grate
005118	Rub Rails, "C" Channel Design
010080	Tow Option, Rear, Tow Eye, One (1), Underbody Subframe

Option ID	Description
UPOxxxxxxx	Receiver Tubes, (2) Total, (1) Each Side with (2) Eyelets
UPOxxxxxxx	Storage Compartment, Long-Handled Tools, Right Rear, Smooth Painted Door
002186	Wheel Wells, Rear, Single Axle
003559	Fenderettes, (2), Single Axle, Stainless Steel
120489	Exhaust Heat Deflector Shield, 4"
UPOxxxxxxx	I-Zone Brackets (Removable in Mid-Step)
004929	Access Panel for Fuel Tank Gauge, Pumpers
002427	License Plate Bracket
005155	Stainless Steel Screws, Pumper
001210	Bag of Bolts
000505	Overlay, Tread Plate, Vertical Areas of Both Front Compartments
100449	Front Steps and Lighting, Innovative Controls Dual LED Lighted, Folding Steps (3), Drivers Side, Spartan Logo
007901	Front Steps and Lighting, Cast Products, Folding Steps (3), Officer's Side, Smeal Logo
UPOxxxxxxx	Rear Steps and Lighting, Cast Products, Folding Steps, Two (2), Bolt-On Steps, Two (2),
005144	Rear Step, Below Hose Bed, Full-Width Tread Plate
900960	Handrail Material, Knurled Aluminum
120546	Handrails, Pump Module, Above Pump Panel, Vertical, Both Sides, Knurled Aluminum
120676	Handrails, Pump Module, Above Pump Panel, Horizontal, Both Sides, Knurled Aluminum
120677	Handrails, Body (Rear), Rear Face, Vertical, Both Sides, Knurled Aluminum
120690	Handrail, Body (Rear), Below Hose Bed, Horizontal, Knurled Aluminum
900986	Ladder Storage, Hydraulic Equipment Rack, Officer's Side
001296	Ladder (1), Duo-Safety, 24' Aluminum Two-Section Extension, 900-A
001293	Ladder (1), Duo-Safety, 14' Aluminum Roof, 775-A
001291	Ladder (1), Duo-Safety, 10' Aluminum Folding Attic, 585-A
009199	Pike Pole Tubes (2), Hydraulic Equipment Rack, Officer's Side
UPOxxxxxxx	Hard Suction Hose Storage, Two (2) Hoses, Driver's Side of Hose Bed, Enclosed Compartment, Painted Door
UPOxxxxxxx	Hard Suction Hoses (2), Firequip, 3" x 10' (OAL 10' 6") RHF x RLM, Maxi-Flex PVC – 2-1/2" Couplings
UPOxxxxxxx	Barrel Strainer, Kochek, BS25C, 2-1/2" w/Truck Mounting Bracket
900951	Wheel Chock Storage, Under Front of Body, Driver's Side
	<i>Shop Note:</i>
	<i>Install Below L1</i>
001204	Wheel Chocks, (1) Pair, Zico SAC-44 and Bracket, OEM Installed
110174	Pump Module, Side Mount, Independent, 1/8" Aluminum
004731	Pump Compartment Internal Lighting, LED, On-Scene
110994	Running Board, Driver's Side, Bolt-On, Tread Plate, Storage Well, Fixed, PAC Straps
111010	Running Board, Officer's Side, Bolt-On, Tread Plate, Storage Well, Fixed, PAC Straps

Option ID	Description
111029	Running Board Storage Well Tile, (2), Black Dri-Dek Flooring
009974	Dunnage Compartment, Tread Plate, Above Pump Module, With Cover, Tread Plate <i>Shop Note:</i> <i>Bar grate insert for the auxiliary pump. Cover hinged towards the forward position. Latches to be flush.</i>
UPOxxxxxxx	Dunnage Compartment Light, On-Scene, Night Axe, LED, Switch on Pump Panel
005149	Access Panel, Pump, Front Pump Module, Removable, Tread Plate, Compression Latches, Side Mounts, RMA's
000460	Access Panel, Pump, Officer's Side Pump Module, Side-Hinged, Tread Plate, Compression Latches
110222	Pump Panels, Side Mount, Controls on Driver's Side, Black Bedliner Coating Finish, IC Bezels/Trim Rings/Labels
003659	Pump Panel Lighting, Side Panels, LED, On-Scene Night Axe
910612	Pump Panel Lighting Activation, Automatic with Park Brake Engaged
UPOxxxxxxx	Speaker, University Sound, Left Side Of Pump Module, With Volume Control (D-226-3021) (D-CT22152)
Pump / Foam System	<u>Pump / Foam System</u>
100157	Pump, Waterous, Single-Stage, 2000 GPM, CSUC20, Flame Plated Impeller Hubs
000090	Mechanical Seals, Waterous
002792	Anodes, Waterous, Magnesium, 2 Discharge, 2 Intake
910622	Pump Rating, 1500 GPM
910640	Pump Mounting, Independent Pump Module
100266	Pump Shift and Lights, Waterous, Air-Operated
UPOxxxxxxx	Governor, Total Pressure Governor (UV-TPG), Class 1
002210	Intake Relief Valve, Pump, Elkhart, Factory Preset
006588	Primer, Trident, AirPrime (3-Barrel), Air-Operated Valve (31.001.7)
000112	Master Drain Valve, Trident
000087	Overheat Protection Manager (OPM), Waterous, With Lights
005848	Pump Color Painted Gray - Intakes Primary Body Color
901166	Pump Manuals Waterous, (2)
111069	Pump and Engine Cooling System, Inn. Cntrls, 3/8" I.D., Hose, Controls on Pump Panel <i>Shop Note:</i> <i>Pump cooler line 1/2" stainless steel braided hose from Kriha Fluid Power 402.438.8303. 1/2" check valve to be provided.</i>
100721	Foam System, FoamPro, 1600, Single System, Class A Foam, Flush System
980014	Foam System Testing, Single System
006644	Manifold, Waterous, Standard, Side Mounts, Foam
910503	Akron 8800/8600 - Push/Pull Discharges (RC-10 on 3" or Larger) - Manual Intakes
910589	Gauge Brand, Thuemling, 2-1/2" Liquid Filled (No Bezel) - PSI 0-400
006940	Master Gauges, Thuemling, 4-1/2", Liquid Filled, PSI -30-0-400
111067	Test Ports, Pressure/Vacuum, Inn. Cntrls, Operators Panel

Option ID	Description
910527	Hardware Brand, South Park, NH Intake Swivels, NH Discharges, TFT Storz
111107	Drains, Innovative Controls, Manual Quarter-Turn <i>Shop Note:</i> <i>No auto drains will be installed on the front bumper or crosslays. These need to be manual.</i>
911305	Plumbing Labels, OEM Standard
Tank/Pump Plumbing Labels	Tank/Pump Plumbing Labels - See label order form (required)
100349	Pump to Tank Fill, 2", Akron 8800 2" Manual Valve, IC Push-Pull Handle
100310	Tank to Pump, 3", Akron 8800 3" Manual Valve, IC Push-Pull Handle <i>Shop Note:</i> <i>Valve in the Open Position when handle flush to panel and label</i>
Intakes	<u>Intakes</u>
100381	Main Intake, Driver Side, 6", Short Tube, Full-Body Pump, MNST
UPOxxxxxxx	TFT 6" FNST x 5" Storz, Jumbo Ball intake Valve AB3ST-NX, 5" Storz Cap with Lanyard A01ST
UPO0038512	No Cap
002588	Auxiliary Intake, Driver-Side, 2-1/2", Fully Recessed
007059	Valve, 2-1/2", Akron, Manual, 8825, Stainless Ball, TS Handle
001246	Plug, NH, 2-1/2", South Park, HPC3008AC
100385	Main Intake, Officer Side, 6", Short Tube, Full-Body Pump, MNST
UPOxxxxxxx	TFT 6" FNST x 5" Storz, Jumbo Ball intake Valve AB3ST-NX, 5" Storz Cap with Lanyard A01ST
UPO0038169	No Cap
002587	Auxiliary Intake, Officer-Side, 2-1/2", Fully Recessed
007059	Valve, 2-1/2", Akron, Manual, 8825, Stainless Ball, TS Handle
001246	Plug, NH, 2-1/2", South Park, HPC3008AC
Intake Labels	Intake Labels - See label order form (required)
Discharges	<u>Discharges</u>
002545	Discharge, Driver-Side, 2-1/2", NST (250 GPM NFPA Rated)
910534	Foam Capable Discharge
111712	Valve, 2-1/2", Akron, Manual, 8625, Stainless Ball, Innovative Controls Push Pull Controller (Rack and Sector)
005849	Pressure Gauge, 2-1/2", Thuemling, Liquid Filled - psi 0-400
100542	Elbow (45 Deg.) 2-1/2" FNH x 2-1/2" MNH (SE394505AC) - Adapter, 2-1/2" FNH x 1-1/2" MNH (A3720AC) - NH Cap (HCC2804AC), Chrome, South Park
002545	Discharge, Driver-Side, 2-1/2", NST (250 GPM NFPA Rated)
111712	Valve, 2-1/2", Akron, Manual, 8625, Stainless Ball, Innovative Controls Push Pull Controller (Rack and Sector)
005849	Pressure Gauge, 2-1/2", Thuemling, Liquid Filled - psi 0-400
100542	Elbow (45 Deg.) 2-1/2" FNH x 2-1/2" MNH (SE394505AC) - Adapter, 2-1/2" FNH x 1-1/2" MNH (A3720AC) - NH Cap (HCC2804AC), Chrome, South Park
002538	Discharge, Officer-Side, 2-1/2", NST (250 GPM NFPA Rated)

Option ID	Description
100659	Valve, 2-1/2", Akron, Manual, 8825, Stainless Ball, Innovative Controls Push Pull Controller (Operators Panel)
005849	Pressure Gauge, 2-1/2", Thuemling, Liquid Filled - psi 0-400
100542	Elbow (45 Deg.) 2-1/2" FNH x 2-1/2" MNH (SE394505AC) - Adapter, 2-1/2" FNH x 1-1/2" MNH (A3720AC) - NH Cap (HCC2804AC), Chrome, South Park
002553	Discharge, Officer-Side, 4", NST (625 GPM NFPA Rated)
100642	Valve, 3", Akron, Gear, 8630, Stainless Ball, 4" Handwheel with Vert. Position Indicator
005849	Pressure Gauge, 2-1/2", Thuemling, Liquid Filled - psi 0-400
100612	Elbow (30 Deg.) 4" FNH x 5" Storz (AH3ST-NP), Storz Cap (A01ST), TFT
121828	Discharge, Front Bumper Driver-Side, 1-1/2", Chassis Installed Plumbing, Above Gravelshield, NST <i>Shop Note:</i> <i>The front bumper shall NOT have any auto drains, they will be manual.</i>
910534	Foam Capable Discharge
UPOxxxxxxx	Valves, Two, (1), 2", (1), 2-1/2", Akron, Manual, 8820, Stainless Ball, (1) TSC Control, (1) Innovative Controls Push Pull Controller <i>Shop Note:</i> <i>Plumb same as S4478. Controlled at front bumper and at pump panel as an emergency shutoff. Valve at LS Pump Panel in the Open Position when handle flush to panel and label</i>
005849	Pressure Gauge, 2-1/2", Thuemling, Liquid Filled - psi 0-400
910526	Preconnect Discharge
100503	Pre-connect, Hose Bed Driver-Side, 1-1/2", NH <i>Shop Note:</i> <i>Install the outlet in the front of the hosebed as high as the pump module will allow.</i>
100653	Valve, 2", Akron, Manual, 8820, Stainless Ball, Innovative Controls Push Pull Controller
005849	Pressure Gauge, 2-1/2", Thuemling, Liquid Filled - psi 0-400
910526	Preconnect Discharge
100503	Pre-connect, Hose Bed Driver-Side, 1-1/2", NH <i>Shop Note:</i> <i>Install the outlet in the front of the hosebed as high as the pump module will allow.</i>
100653	Valve, 2", Akron, Manual, 8820, Stainless Ball, Innovative Controls Push Pull Controller
005849	Pressure Gauge, 2-1/2", Thuemling, Liquid Filled - psi 0-400
910526	Preconnect Discharge
002543	Discharge, Rear Driver-Side, 2-1/2", NST (250 GPM NFPA Rated)
100658	Valve, 2-1/2", Akron, Manual, 8825, Stainless Ball, Innovative Controls Push Pull Controller
005849	Pressure Gauge, 2-1/2", Thuemling, Liquid Filled - psi 0-400
100527	Elbow (30 Deg.) 2-1/2" FNH x 2-1/2" MNH (SE393010AC) - NH Cap (HCC2808AC), Chrome, South Park
002541	Discharge, Rear Officer-Side, 2-1/2", NST (250 GPM NFPA Rated)

Option ID	Description
100658	Valve, 2-1/2", Akron, Manual, 8825, Stainless Ball, Innovative Controls Push Pull Controller
005849	Pressure Gauge, 2-1/2", Thuemling, Liquid Filled - psi 0-400
100527	Elbow (30 Deg.) 2-1/2" FNH x 2-1/2" MNH (SE393010AC) - NH Cap (HCC2808AC), Chrome, South Park
007001	Crosslays, Above Pump Panel, (2) 1-1/2" <i>Shop Note:</i> <i>Forward crosslay is 6 5/8" wide and rearward is 3 1/2" wide plus the width of the divider extrusion that hold the divider in place. Total width of the crosslays will be 10 3/4" minus the thickness of the divider, not including the extrusion. The crosslay divider is 19 1/2" H to allow room for nozzles. If possible, lower the crosslays an additional 4" from the drawing 22199 on 12/14/21.</i>
007013	Pre-connect Hose Bed Housing Coating, Abraded Finish
007018	Flooring, Dura-Dek
000205	Crosslay Rollers
009837	Crosslay Divider (1), Abraded Aluminum
002205	Crosslay Cover, Hinged Bi-Fold Tread Plate <i>Shop Note:</i> <i>Need to be able to open the crosslay cover without lowering the ladder rack</i>
910650	Crosslay End Covers, Incorporated with the Top Cover <i>Shop Note:</i> <i>C-Rail Top and Footman Loop/J-hook on bottom. Color of end flaps is blue.</i>
910701	Pre-connect, Crosslay/Speedlay, 1-1/2", NST <i>Shop Note:</i> <i>The crosslay shall NOT have any auto drains, they will be manual.</i>
910654	Crosslay Load, 200' of 1-3/4" Hose, Single Stack
910534	Foam Capable Discharge
100653	Valve, 2", Akron, Manual, 8820, Stainless Ball, Innovative Controls Push Pull Controller
005849	Pressure Gauge, 2-1/2", Thuemling, Liquid Filled - psi 0-400
910526	Preconnect Discharge
910701	Pre-connect, Crosslay/Speedlay, 1-1/2", NST <i>Shop Note:</i> <i>The crosslay shall NOT have any auto drains, they will be manual.</i>
910654	Crosslay Load, 200' of 1-3/4" Hose, Single Stack
910534	Foam Capable Discharge
100653	Valve, 2", Akron, Manual, 8820, Stainless Ball, Innovative Controls Push Pull Controller
005849	Pressure Gauge, 2-1/2", Thuemling, Liquid Filled - psi 0-400
910526	Preconnect Discharge
100768	Booster Reel, Hannay, Aluminum, Polished, Electric Rewind, 200' of 1" Hose Capacity
910703	Booster Reel Location, Dunnage, Above the Pump
910534	Foam Capable Discharge

Option ID	Description
100648	Valve, 1-1/2", Akron, Manual, 8815, Stainless Ball, Innovative Controls Push Pull Controller
100809	Booster Hose, 1", 800 lb Test, 200', (2) 100' Sections
UPOxxxxxxx	Rewind Switches, Booster Reel, Foot Switch Below Forward Corner of L1
000192	Roller Assembly, Additional, Booster Reel, Above Dunnage <i>Shop Note:</i> <i>Booster reel will be mounted with roller on the top vertical of the outside corner of L-1. Additional set above body officer side.</i>
004616	Nozzle Clip, Booster Reel <i>Shop Note:</i> <i>Location same as S4478</i>
100512	Deluge, Center, 3", NPT (375 GPM NFPA Rated)
101341	Valve, 3", Akron, Electric, 8630, Stainless Ball, 9333 Navigator Pro Controller (Valve Only)
005849	Pressure Gauge, 2-1/2", Thuemling, Liquid Filled - psi 0-400
110321	Deck Gun, Manual, Akron Apollo 3423, 3" NH Inlet, Dual Inlet Ground Base, NH Inlet Thread
112013	Monitor Color, Akron Red, Powder Coat, AkzoNobel Interpon PG000QF, No Texture
002589	Stacked Tips (Quad) and Stream Shaper, Akron, 2499, 3488 (2-1/2" NH Inlets)
UPOxxxxxxx	Nozzle, Manual, Akron Akromatic 1250 GPM, 5160, 2-1/2" NH
Discharge Labels	Discharge Labels - See label order form (required)
<u>Auxiliary Pump</u>	<u>Auxiliary Pump</u>
000398	Auxiliary Pump, Waterous, E511-C
007391	Anode, Additional, (1) OEM Supplied on Discharge Side of Pump
910710	Auxiliary Pump Location, Inside the Pump Module <i>Shop Note:</i> <i>Inside Pump Module Officer Side, same as S4478.</i>
910714	Plumbed To, In Common with Main Pump
100653	Valve, 2", Akron, Manual, 8820, Stainless Ball, Innovative Controls Push Pull Controller
100310	Tank to Pump, 3", Akron 8800 3" Manual Valve, IC Push-Pull Handle <i>Shop Note:</i> <i>Valve in the Open Position when handle flush to panel and label</i>
008111	Instrument Panel and Throttle, at Pump Panel, Waterous E511 <i>Shop Note:</i> <i>Up and down throttle control to be provided. Gauge is included in the control panel.</i>
005849	Pressure Gauge, 2-1/2", Thuemling, Liquid Filled - psi 0-400
110353	***OBSOLETE***Priming System, Trident RPV (31.001.12)
110354	Cooling Line, 1/2"
110356	In-Cab Instrument Panel, Start/Stop, Throttle, OEM Supplied/Installed
005849	Pressure Gauge, 2-1/2", Thuemling, Liquid Filled - psi 0-400
110357	Primer in Cab, Trident

Option ID	Description
UPOxxxxxxx	Additional OEM Supplied Anode on Discharge Side, Engine Oil Drain Extension Kit
Low Voltage	<u>Low Voltage</u>
002955	Electrical System, Pumper, Weldon V-MUX Multiplex, QL-12 Harnesses, Sealed Switches
911058	Electrical System Test, 12 Volt
002849	Tail Lights, LED, Whelen, 600 Series, Stop-Tail (Combination) (604BTT)/Turn (604T)/Backup (604BU)/Warning, 4-Light Vertical Casting
002192	Switch, Rear Work Light, At Rear/Reverse
008730	Turn Signals, (2) in Rub Rail, LED, Truck-Lite, Model 21
110367	Ground Lights, LED, Truck-Lite Model 44, Activation by Park Brake and Reverse
006261	Clearance Lights, LED, Grote (65282), Red, Pumper
101094	Search Light, Golight 20204GT, LED, Permanent Mount, Remote Control (2)
004882	Camera System, Back-Up, Chassis Supplied, OEM Installed
UPOxxxxxxx	Intercom, Emergency Radio Switcher, Sigtronics, SRS-4
UPOxxxxxxx	Intercom System, Sigtronics US67D, 6 Cab Position, Wired Driver/Officer (SE-8), 4 Wired Crew (SE-8)
100060	Additional Intercom Position, (1) Pump Panel, Sigtronics US67S, Headset Extension Cable
100061	Additional Intercom Position, (1) Rear Body, Driver's Side, Sigtronics US67S, Headset Extension Cable
UPOxxxxxxx	Radio Interface Cables, (2), Sigtronics, Kenwood
911317	Upper Zone A, Chassis Supplied and Installed
110406	Upper Zone C, Rotating Beacons (2), Whelen, RB6
Upper Zone C Light/ Lens Color	Light/Lens Color - Red LED with Clear Lens Left and Amber LED with Clear Lens Right
111217	Lower Zone Warning Lights (6 OEM Provided), A (0), B (2), C (2), D (2), Whelen, LED, 600 Series
Lower Zone Light/ Lens Color	Light/Lens Color - The lower zone warning lights shall all have Red LED's and Clear lenses.
110545	Traffic Advisor, Whelen, 8-Light, (Individual) TIR3 LED, RSA03ZCR, TACTL5 Controller
110556	Traffic Directional Light Location, Hose Bed Doors, Recess Mounted
000890	Air Horn Activation, Push Button on Pump Panel, Driver's Side
110631	Scene Lights, Pair, 12V, Whelen, Surface Mount, LED 900 Series Gradient Opti-Scene
910851	Lighting Location, Rear Face of Body, Both Sides
000869	Lighting Activation, In Cab and On Pump Panel, 'REAR SCENE', Rocker Switches
110602	Scene Lights (2), 12V, FRC, Telescoping Side Mount Push-Up, LED Spectra 20,000 Lumen, Model SPA530-Q20
110832	Lighting Location, On Rear Face of Custom Chassis, Both Sides
110848	Lighting Activation, Pair, In Cab and On Pump Panel, 'LEFT SCENE' and 'RIGHT SCENE', Rocker Switches
Line Voltage	<u>Line Voltage</u>

Option ID	Description
Paint / Striping / Decals	<u>Paint / Striping / Decals</u>
900717	Chassis Paint, Chassis Manufacturer Painted, Single Tone
009171	Body Paint, Single Tone, Pumper, Aluminum Material
008841	Body Paint Color, Pumper, Single Tone, Red, AkzoNobel #32545
001170	Under Body Finish, Two-Step Undercoating Process
006089	Corrosion Protection, Electrolysis Corrosion Control (ECK)
001033	Sample Paint Card with Paint Formula
911237	Reflective Lettering, White
900879	Front Cab Striping, Wrap to Grill
004522	Rub Rail Striping, 2", Silver, Reflective, Pumper
008621	Body Striping, Pumper, 1"-6"-1", High Angle Transition
900881	Upper Stripe Color, Black
900900	Main Stripe Color, Blue
900917	Lower Stripe Color, Black
900935	Chevron Color, Red / Fluorescent Yellow-Green, 3M 1172EC & 3983
007435	Chevron Layout, Rear Body Surface, EXCLUDE T1, Tread Plate Storage Doors
	<i>Shop Note:</i>
	<i>Exclude T2 treadplate door</i>
Warranties	<u>Warranties</u>
RFW0002	General Two (2) Years or 36,000 Miles Limited Warranty
RFW0502	Body Structure (Aluminum) Ten (10) Years or 100,000 Miles Limited Warranty
RFW0202	Electrical Two (2) Years or 36,000 Miles Limited Warranty
RFW0800	Plumbing and Piping (Stainless Steel) Ten (10) Years or 100,000 Miles Limited Warranty
WLF810	Warranty, Water Tank, Pro Poly, Standard Lifetime
RFW0515	Body Substructure (Galvanized) Twenty(20) Years or 100,000 Miles Limited Warranty
RFW0710	Paint and Finish (Exterior Clear coated) Ten (10) Years Limited Warranty
W05810-A	Warranty, Pump, Waterous, Standard 7 Year

Option ID:911059 QTY:1

Bidding Prerequisites, United States

PREREQUISITE BIDDING REQUIREMENTS

Any manufacturer submitting a proposal or bid, to these specifications, shall meet the following conditions:

- The manufacturer of the apparatus herein specified, shall be wholly owned (100%) and managed by a Company, Corporation, and/or Parent Company that is wholly based and permanently resides in the United States of America.
- The Company, Corporation, and/or Parent Company, and all assets belonging to such, shall be wholly owned and managed (100%) by the entities specified above.

Any proposal, bid, or response to these specifications by any foreign based, owned, or managed (in part or in whole) Company, Corporation, and/or Parent Company shall be cause for immediate rejection. Any proposal, bid, or response to these specifications by any Company, Corporation, and/or Parent Company, that is owned, operated, managed, or held in contract, in part or wholly by a partnership or other agreement, shall be cause for immediate rejection.

Exceptions to these conditions will not be allowed under any circumstances.

Option ID:911069 QTY:1

Intent of Specifications, Pumper

INTENT OF SPECIFICATIONS

It is the intent of these specifications to cover the furnishing and delivery to the purchaser of a complete apparatus equipped as herein specified. With a view to obtaining the best results and the most acceptable apparatus for service in the fire department, these specifications cover the general requirements as to the type of construction, together with certain details as to finish, equipment, and appliances with which the successful bidder must conform. Minor details of construction and materials where not otherwise specified are left to the discretion of the contractor, who shall be solely responsible for the design and construction of all features.

Bids shall only be considered from companies that have an established reputation in the field of fire apparatus construction and have been in business for a minimum of 50 years.

Each bidder shall furnish satisfactory evidence of his ability to construct the apparatus specified. The bidder shall also show that they are in a position to render prompt service and furnish replacement parts for said apparatus.

CONTRACTOR'S SPECIFICATIONS

Each bid shall be accompanied by a set of "Contractor's Specifications" consisting of a detailed description of the apparatus and equipment proposed and to which the apparatus furnished under contract shall conform.

These specifications shall indicate size, type, model, and make of all component parts and equipment.

TIMELY PROPOSALS

It is the bidder's responsibility to see that their proposals arrive on time. Late proposals, facsimiles, e-mails, telegram, or telephone bids shall not be considered.

DRAWINGS

All bid drawings shall be stamped PROPOSAL.

- A total of six (6) drawings shall be supplied. The provided drawings can be printed to any paper size, but the scale will only be valid when printed to the paper size listed in the title block

- Drawings shall show five (5) views: left (drivers), right (officers), front, rear, and top

- OAL (overall length) in feet and inches. The estimated length shall be rounded up to the nearest inch

- OAH (overall height) in feet and inches. The estimated height shall be rounded up to the nearest inch

- Wheelbase in inches

- Pump house width in inches

- Front of the body to the centerline of the rear axle in inches

- Front and rear overhang in inches

- Angle of Approach and Departure

- Roll up doors will be shown in open position. Lap doors will be shown in the closed position

Compartment dimensions shall be shown in a table on the drawing.

The table shall display:

Clear door opening - The width/height of the clear door opening

Interior dimensions - The interior compartment dimensions excluding any accessories or pockets (i.e. roll up door drums, hard suction hose pans, suspension pockets, etc.)

Divide heights - The measurement where the compartment changes from full depth to shallow depth

Ground ladders shall be labeled with a letter designation referring to the table for an explanation of the ladder

- No pump panel or instrument panel controls, discharges or inlets shall be shown. The panel space is to be left blank and labeled "Pump Panel"

- Rear plumbing, such as 2-1/2" discharges, rear steamers, and direct tank fills, shall be

shown

- Water tank outline
- Fill towers
- Generator outline
- Warning lights
- D.O.T. lights

Text Block Items

- Chassis make/model
- Fire pump make/model
- Water tank capacity
- Foam cell capacity
- Body material
- Hose bed capacity in cubic feet
- Total compartment cubic feet
- Utilize an unique bid number
- Drawings shall be printed on white paper with black ink

PURCHASER'S OBLIGATIONS

The purchaser reserves the right to accept or reject any or all bids on such basis as the purchaser deems to be in its best interest. All bidders shall be advised that the purchaser is not bound in any manner to automatically accept the lowest bid. The purchaser shall only be obligated to purchase the lowest bid that meets these detailed specifications as closely as possible

SAFETY REQUIREMENTS

It is required that the bidder shall meet all State and Federal safety standards and laws that are in effect on the date of the bid for the item(s) that are being specified and the particular use for which they are meant.

ACQUAINTANCE WITH SPECIFICATIONS

It is the responsibility of the bidder to review all of the bidding requirements. Failure of a bidder to be acquainted with this information shall not relieve them from any obligations of the bid requirements.

QUALITY AND WORKMANSHIP

The design of the apparatus shall embody the latest approved automotive engineering practices. Experimental designs and methods shall not be acceptable.

The workmanship shall be of the highest quality in its respective field. Special consideration shall be given to the following points: accessibility of the various units that require periodic maintenance, ease of operation (including both pumping and driving), and symmetrical proportions.

GENERAL CONSTRUCTION

The complete apparatus, assemblies, subassemblies, component parts, and so on, shall be designed and constructed with due consideration to the nature and distribution of the load to be sustained and to the general character of the service to which the apparatus is to be subjected when placed in service.

All parts of the apparatus shall be strong enough to withstand the general service under full load. The apparatus shall be so designed that the various parts are readily accessible for lubrication, inspection, adjustment and repair.

The apparatus shall be designed and constructed, and the equipment so mounted, with due consideration to distribution of the load between the front and rear axles, and side to side loading that all specified equipment, including a full complement of specified ground ladders, full water tank, loose equipment, and firefighters; shall be carried without overloading or damaging the apparatus as per requirements defined in NFPA 1901.

LIABILITY

The bidder, if their bid is accepted, shall defend any and all suits and assume all liability for the use of any patented process, device or article forming a part of the apparatus or any appliance furnished under the contract.

WARRANTY

A copy of the warranties for the chassis, pump, body, paint, and water tank shall be furnished with each bidder's proposal.

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WARRANTY

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BID FORMS / SPECIFICATIONS

All bid forms shall be submitted on the attached bid form. The bid form and/or these specifications shall be filled out by checking either the "YES" or "NO" column for each and every section/paragraph. Failure to use this form and/or these specifications shall be cause for immediate rejection of any bid.

EXCEPTION TO SPECIFICATIONS

The following chassis, pump, and body specifications shall be strictly adhered to. Exceptions shall be allowed if they are equal to or superior to that specified (as judged by the customer), and provided they are listed and fully explained on a separate page

entitled "EXCEPTIONS TO SPECIFICATIONS". Exception lists shall refer to the specification page number. Each check in the "NO" column shall be listed and fully explained. Where no check is made in a particular paragraph with either "YES" or "NO", it shall be assumed the bidder is taking exception to that paragraph. If a paragraph contains an empty column, where the bidder neglected to check the proper "YES" or "NO" column, it is assumed the bidder is not conforming to the requirements of this paragraph. If no explanation is given in the "EXCEPTIONS TO SPECIFICATIONS" document, the bid is subject to immediate rejection.

PROPOSALS TAKING TOTAL EXCEPTION TO THESE SPECIFICATIONS WILL BE IMMEDIATELY REJECTED.

The buyer is aware that all bidders shall have to take some exceptions therefore; BIDDERS THAT TAKE NO EXCEPTIONS shall BE REQUIRED TO MEET EVERY PARAGRAPH TO THE FULLEST EXTENT SHOULD THEIR BID BE ACCEPTED. It is the intent of the purchaser to receive bids that do not require telephone calls or other communications to ascertain what a bidder is intending to supply.

Upon delivery, the apparatus shall be inspected against THESE specifications and not those supplied by the bidder with their proposal. Deviations shall not be acceptable unless they were noted as exceptions at the time of bid and the apparatus shall be rejected until said deviations are corrected to the satisfaction of the buyer.

Decisions regarding equal to or better than, shall be the sole responsibility of the recipient of the bids rather than those companies submitting bids. All deviations, regardless of significance must be explained in the "EXCEPTIONS TO SPECIFICATIONS" section of the bid.

When exceptions are not taken but inconsistencies are noted in the submitted detailed specifications, the bid may be subject to rejection.

ROADABILITY

The apparatus, when fully equipped and loaded, shall be capable of the following performance while on dry paved roads that are in good condition.

- Accelerating from 0 to 35 mph within 25 seconds on a 0 percent grade
- Attaining a speed of 50 mph on 0 percent grade
- Maintaining a speed of at least 20 mph on any grade up to and including 6 percent
- The maximum top speed of the apparatus shall not exceed the tire manufacturer's maximum speed rating for the tires installed on the apparatus.

FAILURE TO MEET TESTS

In the event the apparatus fails to meet the test requirements of these specifications on the first trials, second trials may be made at the option of the bidder within 30 days of the date of the first trials.

Such trials shall be final and conclusive and failure to comply with these requirements shall be cause for rejection. Failure to comply with changes as required to conform to any clause of the specifications within 30 days after notice is given to the bidder of such changes, shall be cause for rejection of the apparatus.

Permission to keep or store the apparatus in any building owned or occupied by the Department during the specified period, with the permission of the bidder, shall not constitute acceptance. No Exceptions

PROPOSAL SEQUENCE

Bid specifications shall be submitted in the same sequence as these specifications for ease of checking compliance. There shall be no exceptions allowed to this requirement. The apparatus committee intends to be thorough during the evaluation of bids process. In order to maximize efficiency and minimize the time it takes to thoroughly evaluate all received bids this requirement must be strictly adhered to.

AWARD OF CONTRACT

All bids submitted shall be good for a minimum of 30 days during which time bid securities submitted with the proposals shall be held by the purchaser. Criteria for the award shall include, but not be limited to, the following:

- Apparatus Performance And Safety Levels / Considerations
- Completeness of proposal
- Accuracy of accompanying data
- Past performance of bidder
- Compliance with the detailed specifications
- Compliance with purchasers request(s) for personnel qualifications or certifications
- Exceptions and clarifications
- Financial stability of bidder
- Local representation of the manufacturer
- Serviceability of the proposed apparatus
- Service capabilities of the bidder's local representative
- Compliance with NFPA 1901
- Any other factor the purchaser deems relevant

After the evaluation and award process is complete, all bidders shall be notified of the results and securities shall be returned.

Option ID:911060 QTY:1

Standards Version, NFPA 1901-2016

NFPA 1901-2016

The National Fire Protection Association "Standard for Automotive Fire Apparatus", 2016 edition, is hereby adopted and made a part of these specifications, the same as if it were written out in full detail, with the exception of the section dealing with "Equipment Recommended for Various Types of Apparatus". Bidders shall provide the equipment requested herein and the buyer shall supply the rest before the apparatus is put into service. It is the intent of the purchaser to purchase an apparatus that meets 100% of the minimum standards defined and outlined in NFPA 1901-2016 edition. There are to be no exceptions to this requirement.

Option ID:911064 QTY:1

Inspection Certificate, NFPA 1901 Compliance

INSPECTION CERTIFICATE - NFPA 1901 COMPLIANCE

An OEM inspection certificate for the apparatus shall be furnished upon delivery. The purpose of this NFPA 1901 compliance inspection shall be to serve as proof to the customer that all applicable standards have been met or exceeded by the responsible manufacturer.

The following objectives shall be achieved as a result (this listing shall not be construed as being all inclusive):

- Ensure that understanding of all parties respective responsibilities have been addressed by the actual referencing of NFPA 1901 and the amendments in these specifications and the purchase contract and documentation.
- Ensure that only structural materials complying with appropriate standards and codes are used for construction.
- Ensure the applicable standards of design and manufacturing have been met or exceeded.
- Ensure that safety factors have been met or exceeded where required.
- Ensure that applicable standards for testing and inspection have been met or exceeded by personnel with the appropriate qualifications, experience, and certifications.
- Ensure that where applicable components, equipment, and loose equipment carry the appropriate characteristics, classifications, and/or certifications.
- Ensure that in general and as a whole, all applicable requirements set forth in NFPA 1901, and those codes, standards, and specifications referenced by said parties are met, exceeded, and/or addressed.

Option ID:911070 QTY:1

Documentation, NFPA

CONSTRUCTION DOCUMENTATION

The contractor shall supply, at the time of delivery, at least one (1) copy of the following documents:

1. The manufacturer's record of apparatus construction details, including the following information:

- Owners name and address
- Apparatus manufacturer, model, and serial number
- Chassis make, model, and serial number
- GAWR of front and rear axles
- Front tire size and total rated capacity in pounds or kilograms
- Rear tire size and total rated capacity in pounds or kilograms
- Chassis weight distribution in pounds with water and manufacturer mounted equipment (front and rear)
- Engine make, model, serial number, rated horsepower, related speed, and governed speed
- Type of fuel and fuel tank capacity
- Electrical system voltage and alternator output in amps
- Battery make, model, and capacity in cold cranking amps (CCA)
- Chassis transmission make, model, and serial number; and if so equipped, chassis transmission PTO(s) make, model, and gear ratio
- If applicable, the pump make, model, rated capacity in gallons or liters per minute, and serial number
- Pump transmission make, model, serial number, and gear ratio, if unit is equipped with a pump
- If applicable, the auxiliary pump make, model, rated capacity in gallons or liters per minute, and serial number
- Water tank certified capacity in gallons or liters
- On aerial apparatus, the device type, rated vertical height in feet or meters, rated horizontal reach in feet or meters, and rated capacity in pounds or kilograms
- Paint manufacturer and paint number(s)
- Company name and signature of responsible company representative

2. Certification of slip resistance of all stepping, standing, and walking surfaces

3. If the apparatus has a fire pump, a copy of the following shall be provided: pump manufacturers certification of suction capability, apparatus manufacturers approval for stationary pumping applications, engine manufacturers certified brake horsepower curve showing the maximum governed speed, pump manufacturers certification of the hydrostatic test, and the certification of inspection and test for the fire pump

4. If the apparatus has an aerial device, the certification of inspection and test for the aerial device, and all the technical information required for inspections to comply with NFPA 1914, Standard for Testing Fire Department Aerial Devices

5. If the apparatus has a fixed line voltage power source, the certification of the test for the fixed power source

6. If the apparatus is equipped with an air system, test results of the air quality, the SCBA fill station, and the air system installation

7. Weight documents from a certified scale showing actual loading on the front axle, rear axle(s), and overall fire apparatus (with the water tank full but without personnel, equipment, and hose)

8. Written load analysis and results of the electrical system performance tests

9. When the apparatus is equipped with a water tank, the certification of water tank

capacity

OPERATION AND SERVICE DOCUMENTATION

The contractor shall supply at the time of delivery, at least two (2) sets of complete operation and service documentation covering the completed apparatus as delivered and accepted. The documentation shall address at least the inspection, service, and operations of the fire apparatus and all major components thereof. The contractor shall also provide documentation of the following items for the entire apparatus and each major operating system or major component of the apparatus:

- Manufacturers name and address
- Country of manufacturer
- Source of service and technical information
- Parts and replacement information
- Descriptions, specifications, and ratings of the chassis, pump, and aerial device
- Wiring diagrams for low voltage and line voltage systems to include the following information: representations of circuit logic for all electrical components and wiring, circuit identification, connector pin identification, zone location of electrical components, safety interlocks, alternator-battery power distribution circuits, and input/output assignment sheets or equivalent circuit logic implemented in multiplexing systems
- Lubrication charts
- Operating instructions for the chassis, any major components such as a pump or aerial device, and any auxiliary systems
- Precautions related to multiple configurations of aerial devices, if applicable
- Instructions regarding the frequency and procedure for recommended maintenance
- Overall apparatus operating instructions
- Safety considerations
- Limitations of use
- Inspection procedures
- Recommended service procedures
- Troubleshooting guide
- Apparatus body, chassis, and other component manufacturers warranties
- Special data required by this standard
- Copies of required manufacturer test data or reports, manufacturer certifications, and independent third-party certifications of test results
- A material safety data sheet (MSDS) for any fluid that is specified for use on the apparatus
- One (1) copy of the FAMA Safety Guide

The contractor shall deliver with the apparatus all manufacturers operations and service documents supplied with components and equipment that are installed or supplied by the contractor.

STATEMENT OF EXCEPTIONS

The proposed apparatus as described in this specification document and all related material with the bid package shall meet or exceed all applicable sections for the category of apparatus as defined by NFPA 1901 unless specifically noted within this specification or other official documents associated with this bid.

Should any area, section or portion of the apparatus not meet the intent and applicable

requirements, a clearly defined listing or explanation of what and why compliance was not achieved shall be provided to the purchaser at the time of delivery.

Option ID:980016 QTY:1

Owner's Manuals, Electronic, (1) USB Drive

OWNER'S MANUAL

An owner's manual containing the construction, operation, and service documentation shall be provided on a USB Drive. One (1) copy of the USB shall be provided with the apparatus.

ELECTRICAL MANUAL

A complete electrical manual for the apparatus shall also be provided on the USB Drive. This manual shall be specifically prepared for this individual unit rather than a generic schematic manual designed to accommodate all apparatus. The electrical manual shall also include electrical schematics, harness layouts, V-Mux specifications (including Node Input/output Spreadsheet and Node Relationship Spreadsheet), and Master Wire Listing. A contact letter shall also be provided by the electrical engineer, who built the manual, with instructions on using the manual and contact information for assistance with electrical manual questions.

ELECTRICAL SCHEMATICS

A section of the electrical manual shall include schematics of the electrical system and components on the apparatus. These schematics shall be specifically prepared for this individual unit rather than a generic schematic designed to accommodate all apparatus.

PUMP PLUMBING SCHEMATICS (if applicable)

A section of the electrical manual shall include a schematic of the pump plumbing. This schematic shall be specifically prepared for this individual unit rather than a generic schematic designed to accommodate all apparatus.

HYDRAULIC SCHEMATICS (if applicable)

A section of the electrical manual shall include schematics of the hydraulic components on the apparatus including but not limited to:

- Ladder Rack(s) and Hose Bed Door(s) (if applicable)
- Aerial - Retraction/Extension (if applicable)
- Aerial - Rotation (if applicable)
- Tiller - HVAC Hydraulics System (if applicable)

FIRE APPARATUS SAFETY GUIDE

One (1) printed copy of the FAMA Fire Apparatus Safety Guide shall be provided with the apparatus. This guide provides safety instructions for operations of the fire apparatus.

Option ID:911081 QTY:1

Misc. Equipment Allowance, 2,500 Lb.

MISCELLANEOUS EQUIPMENT ALLOWANCE

The Gross Axle Weight Rating (GAWR) and the Gross Combined Weight Rating (GCWR) or Gross Vehicle Weight Rating (GVWR) of the chassis shall be adequate to carry the weight of the unequipped apparatus with the water tank and other tanks full, specified hose load, unequipped personnel weight, ground ladders, and miscellaneous equipment allowance of 2,500 pounds.

Option ID:901080 QTY:1

Tilt Table Test, Not Required, Chassis ESC

TILT TABLE TESTING NOT REQUIRED

The chassis of the apparatus is equipped with Electronic Stability Control (ESC), which is in accordance with NFPA 1901, current edition requirement of maintaining a stability of 26.5 degrees in both directions.

VEHICLE STABILITY

The apparatus shall comply with the requirements of NFPA 1901 as it applies to vehicle stability. The particular apparatus as described in the specification provided within the bid package shall be classified into one of the following categories:

- The apparatus shall go through actual tilt table testing which shall be determined by the apparatus manufacturer.
- The apparatus shall be equipped with a rollover stability control system as defined in section 4.13.1.2 of NFPA 1901.
- The apparatus shall be deemed a similar apparatus and meeting the intent of section 4.13.1.1.2 of NFPA 1901.

Option ID:980012 QTY:1

Pump Certification, Independent Third Party

INDEPENDENT THIRD PARTY PUMP CERTIFICATION

The fire pump shall be tested and certified by an independent third party testing company. Tests shall be conducted so that the pump performs as listed below:

- 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% of rated capacity at 165 pounds net pressure

The entire pump, both suction and discharge passages, shall be hydrostatically tested to a pressure of 600 PSI. The pump shall be fully tested at the pump manufacturer's factory to the performance spots as outlined in accordance with NFPA 1901, current edition. The pump shall be free from objectionable pulsation and vibration.

Option ID:911066 QTY:1

Pump Certification Measure, U.S. GPM

PUMP CERTIFICATION

The pump shall be certified in U.S. gallons per minute (GPM).

Option ID:911304 QTY:1

Apparatus Production Photos

ONLINE CUSTOMER INTERACTION

Smeal Holding LLC. shall provide the capability for online access.

The fire department shall be able to view digital photos of their apparatus in the specified phases of construction.

The following phases will be captured and displayed:

- Chassis arrival to the OEM
- Fabrication
- Pump and Plumbing
- Paint
- Assembly
- Completion of production

The photos shall be uploaded to a secure website, only accessible to the customer and representatives of the OEM.

Option ID:911073 QTY:1

Pre-Construction Meeting, OEM Factory

PRE-CONSTRUCTION MEETING

A pre-construction meeting shall be held at the apparatus manufacturer's factory. Fire department personnel, dealer representative(s) and factory representative(s) shall be present during the pre-construction meeting process. The purpose of conducting this meeting at the factory is to allow the fire department personnel to see various features of or similar components on other apparatus that may be found on the production floor. The pre-construction meeting is the most important meeting during the after-sale production process. The purpose of this meeting is to finalize all aspects of the specifications, discuss and clarify all design details of the apparatus, and to share or provide all information so all parties are in agreement on the apparatus being constructed. The ultimate goal of the pre-construction meeting is for the fire department officials, dealer representative(s), and factory representative(s) to discuss and clarify all aspects of the proposed apparatus and to provide all necessary information to the apparatus manufacturer that will ensure the apparatus is built to the satisfaction of all parties involved.

The apparatus manufacturer shall create and forward to the dealer a "Pre-construction" document containing the following items:

- Complete specifications of the apparatus including the chassis
- Detailed amp draw report
- Listing of clarifications or questions from the manufacturer that require attention (shelf locations, lettering details, etc.)
- A pre-construction drawing shall be provided that encompasses all views on a single page

During this pre-construction meeting, any changes or clarifications must be documented on a manufacturer issued change order. The change order shall be signed by the customer and dealership and ultimately by the apparatus manufacturer. The change order becomes an extension of the contract with the official signatures of all three parties. All change order items resulting from the pre-construction meeting shall be implemented into the official shop order document.

Option ID:911074 QTY:1

Final Inspection, OEM Factory, Required

FINAL INSPECTION

The department/dealer representative will inspect the final apparatus prior to it leaving the apparatus body manufacturer's facility. This will allow any changes that may be required, to be done so in a timely manner. After leaving the facility, all repairs or alterations will be performed by either the dealer or an OEM-approved service center.

Option ID:900469 QTY:1

Overall Height, 121" (10'-1")

MAXIMUM OVERALL HEIGHT

The overall height of the apparatus shall not exceed 121" (10'-1") from the ground. This measurement shall be taken with the tires properly inflated and with the apparatus in the unloaded condition to ensure a maximum overall height. In order to provide the maximum overall height, proposed units using calculated weight as a means to achieve a lower overall height shall not be accepted. The measurement shall be taken at the highest point of the apparatus.

Option ID:901140 QTY:1

Overall Length, 345" (28'-9")

MAXIMUM OVERALL LENGTH

The overall length of the apparatus shall not exceed 345" (28'-9").

Option ID:901065 QTY:1

Wheelbase, 169" (14'-1")

WHEELBASE

The wheelbase of the apparatus shall not exceed 169".

Option ID:900659 QTY:1
Angle of Approach, 14 Degrees

ANGLE OF APPROACH

The angle of approach of the apparatus shall be a minimum of 14 degrees.

Option ID:900683 QTY:1
Angle of Departure, 17 Degrees

ANGLE OF DEPARTURE

The angle of departure of the apparatus shall be a minimum of 17 degrees.

Option ID:910014 QTY:1
Custom Chassis, Spartan, Metro Star

SPARTAN METRO STAR CHASSIS

The chassis shall be a Spartan Metro Star.

Option ID:001200 QTY:1
Mud Flaps, Front Chassis Provided, Rear OEM Provided

MUD FLAPS

In addition to the chassis supplied front mud flaps, two (2) mud flaps shall be provided rearward of the rear axles on the apparatus.

Option ID:007487 QTY:1
Extend Chassis Air Tank Drains, Outside of Body

EXTEND AIR TANK DRAIN CABLES

The chassis air tank drain cables shall be extended to the outside of the body for ease of maintenance.

Option ID:UPOxxxxxxx QTY:1
(2) Grab Handles Mount Vertically on Front of Cab

CHASSIS GRAB HANDLES

There shall be two (2) vertically installed grab handles on the front face of the chassis cab. They shall be installed one (1) on each side of the grill, above the headlight assemblies.

Option ID:001379 QTY:1
Heat Exchanger, Chassis Supplied and Installed

The chassis supplied and installed heat exchanger shall be attached to the pump by the OEM manufacturer.

Option ID:100964 QTY:1

Relocate Cab Tilt Pendant, Standard Location

RELOCATE CAB TILT

The cab tilt pendant shall be relocated as deemed best fit by the OEM.

Option ID:UPOxxxxxxx QTY:1

Storage Well Cover, Front Bumper, Center, Tread Plate with Notch

CENTER FRONT BUMPER STORAGE WELL COVER

An aluminum tread plate cover shall be installed on the storage well. The cover shall be notched to allow for the stored hose to be preconnected.

Option ID:UPOxxxxxxx QTY:1

Map Console, 3-Slot (1-1/2" Binders), Zolatone Finish

MAP CONSOLE

There shall one (1) map console installed in the chassis cab on the top of the SCBA Compartment. The console shall have three (3) slots. The map console shall be constructed of aluminum and shall have a zolatone finish. The map consoles shall have a radio holder installed on each side. Notch faces rearward. Position will be against the forward lip, and the box will be centered side-to-side.

Option ID:911113 QTY:1

Map Console Location, Engine Tunnel Mounted, Drop-In

The map console shall be mounted on the engine tunnel. The map console shall be mounted upright, utilizing a "drop-in" style so the maps are accessible from the top.

Option ID:110034 QTY:1

Helmet Brackets (4), Zico, UHH-1

HELMET BRACKETS

Four (4) Zico, model UHH-1, helmet brackets shall be installed in the chassis cab. The helmet brackets shall hold both traditional and contemporary style helmets without any adjustments necessary. The brackets shall meet the 9G requirements of NFPA 1901.

Option ID:111539 QTY:1

Flashlights (2), Streamlight, E-Spot LiteBox, LED, Orange, 45855, Vehicle Mount System

RECHARGEABLE FLASHLIGHTS

Two (2) Streamlight, model 45855, rechargeable LED E-Spot LiteBox flashlights shall be supplied and installed on the apparatus. Each LiteBox shall be orange in color, include one (1) Vehicle Mount System, and be wired directly to the chassis batteries.

Option ID:UPOxxxxxxx QTY:1

Flashlights, (4) Streamlight Stinger (2020) LED Rechargeable w/(75105) Smart Chargers and (22050) 12V DC Charging Cords

RECHARGEABLE LED STINGERS

There shall be three (4) Streamlight Stinger 2020 LED, model 78104, rechargeable LED flashlights supplied and installed on the apparatus. Each light shall include one (1) Smart Charger, 75105, and one (1) 12v charge cord, 22050, be wired direct to the chassis batteries.

Option ID:UPOxxxxxxx QTY:1

SCBA Compartment - Rear Facing, Behind Driver's Seat

SCBA STORAGE COMPARTMENT DRIVER'S

One (1) SCBA storage compartment shall be installed in the chassis cab, behind the driver's seat. The compartment shall be sized to hold a complete SCBA. The compartment shall be constructed of aluminum and shall be hinged to allow the SCBA to be removed while standing on the ground. There shall be one (1) Zico Load and Lock SCBA bracket provided. The swing out portion of the compartment shall be secured with a compression latch.

There shall be a 3" Lip around the top perimeter of the EMS compartment to for a storage tray.

Option ID:UPOxxxxxxx QTY:1

SCBA Compartment - Rear Facing, Behind Officer's Seat

SCBA STORAGE COMPARTMENT OFFICER'S

One (1) SCBA storage compartment shall be installed in the chassis cab, behind the officer's seat. The compartment shall be sized to hold a complete SCBA. The compartment shall be constructed of aluminum and shall be hinged to allow the SCBA to be removed while standing on the ground. There shall be one (1) Zico Load and Lock SCBA bracket provided. The swing out portion of the compartment shall be secured with a compression latch.

There shall be a 3" Lip around the top perimeter of the EMS compartment to for a storage tray.

Option ID:112090 QTY:1

EMS Finish, Abraded, 2 EMS Compartments

Each EMS compartment exterior, interior, and shelves shall have an abraded finish.

Option ID:UPOxxxxxxx QTY:1

Gear Compartment Behind Engine Tunnel

GEAR STORAGE - REAR FACING

There shall be a gear storage compartment that extends between the SCBA storage modules rearward of the engine tunnel. The top of the compartment shall provide an area for mounting equipment. The lower portion shall provide an area to store gear. Items stored in the compartment shall be secured with netting. Cam Buckles shall be used to secure the netting.

Option ID:110077 QTY:1

Water Tank, Pro-Poly, 750 U.S. Gallons

WATER TANK

The apparatus shall be equipped with a Pro-Poly 750 U.S. gallon water tank. Certification of the tank capacity shall be recorded on the manufacturer's record of construction and shall be provided to the purchaser upon delivery of the apparatus. The water tank shall be constructed of Polyprene sheet stock, a non-corrosive, stress-relieved thermoplastic material, black in color and UV-stabilized for maximum protection. The tank shall be of a special configuration and shall be designed to be completely independent of the body and compartments. All joints and seams shall feature snap-in tank components for a mechanical lock as well as extrusion welding. All joints shall be tested for maximum strength and integrity. The top of the tank shall be fitted with removable lifting eyes designed with a 3:1 safety factor to facilitate easy removal.

TANK BAFFLES

The transverse and longitudinal swash partitions shall be manufactured of Polyprene material. All partitions shall be equipped with vent and air holes to permit movement of air and water between compartments. The partitions shall be designed to provide maximum water flow, interlock with one another, and be welded to each other and the walls of the tank.

TANK SUMP

One (1) sump shall be provided in the bottom of the tank, constructed of 1/2" black Polyprene and be located in the driver's side front corner of the tank. Tanks requiring a front suction shall incorporate a schedule 40 polypropylene pipe with a dip tube from the front of the tank to the sump location. The sump shall be used as a combination clean out and drain and shall have a minimum 3" NPT female threaded outlet on the bottom for a drain plug. An anti-swirl plate located approximately 2-1/2" above the dip tube.

TANK FILL CONNECTION

All tank fill couplings shall be backed with flow deflectors to break up the stream of water entering the tank, and shall be capable of withstanding sustained fill rates of up to 1,000 GPM.

TANK LID

The tank cover shall be constructed of recessed and mechanically locked 1/2" thick black Polypropylene stress-relieved, UV-stabilized material. A minimum of two (2) lifting dowels shall be drilled and tapped 1/2" x 2" to accommodate the lifting eyes.

Option ID:910157 QTY:1

Water Tank Mounting, Pumpers

WATER TANK MOUNTING

The water tank cradle shall be an integral part of the body subframe and allow the tank to rest on the subframe cross members spaced as required by the tank manufacturer.

The tank shall be isolated from the cross members through the use of hard rubber strips with a minimum Rockwell hardness of 60 durometers. The tank shall be supported around the entire perimeter and captured front and rear as well as side to side to prevent the tank from shifting during vehicle operations.

Although the tank shall be designed on a free floating suspension principle, it shall be required that the tank have adequate hold down restraints to minimize movement during vehicle operations.

The tank shall be completely removable without disturbing or dismantling the apparatus structure.

Option ID:000350 QTY:1

Water Tank Drain, 1-1/2" Valve, Pumpers

WATER TANK DRAIN

A 1-1/2" drain valve shall be provided under the sump of the water tank. The valve shall include a locking lever to prevent accidental draining of the water tank.

Option ID:910158 QTY:1

Water Tank Fill Tower, Pro-Poly, Black

WATER TANK FILL TOWER

The tank shall have a combination vent and manual fill tower, marked "Water Fill", located at the driver's side front corner of the tank. The fill tower shall be constructed of black 1/2" Polypropylene and be a minimum dimension of 8" x 8" at the outer perimeter. The tower shall have a 1/4" thick removable Polypropylene screen and a Polypropylene hinged-type cover.

Shop Note: Stainless steel hinge for the tower lid

Option ID:010068 QTY:1

Water Tank Level Gauge, Class 1 Intelli-Tank ITL-12093, Pump Operator's Panel, Slave in Cab

WATER TANK LEVEL GAUGE

One (1) Class 1 Intelli-Tank ITL water tank level gauge shall be provided on the pump operator's control panel. The water tank level gauge shall indicate the water level on an easy to read LED display and show increments of 1/8 of a tank.

The water tank level gauge shall include:

- A pressure transducer that is mounted on the outside of the tank in an easily accessible area.
- Super bright LED 4-light display with a visual indication of nine accurate levels.
- A set of weather resistant connectors to connect to the digital display to the pressure transducer and to the apparatus power.

WATER TANK LEVEL GAUGE IN CAB

One (1) remote mounted Class 1 mini Intelli-Tank water tank level gauge shall be provided in the chassis cab. The gauge shall mimic the master unit's display by reading the appropriate information on a 1-wire data transfer line.

Shop Note: Tank level indicator in cab mounted same location as S4478

Option ID:002170 QTY:1

Water Tank Level Display, Chassis Supplied 4-Light, Cab Sides, OEM Supplied and Installed Class 1 Driver

WATER TANK LEVEL DISPLAYS

Two (2) sets of 4-light LED water level displays shall be provided, one (1) mounted on the driver's side of the chassis cab and one (1) mounted on the officer's sides of the chassis cab.

A Class 1 driver module shall be provided to power the four (4) light displays. The module shall receive data from the master water tank level gauge and mimic the master display.

The color of the LED lights shall be green, blue, amber and red.

Option ID:004776 QTY:1

Water Tank Overflow, Pro-Poly, 4"

4" WATER TANK OVERFLOW

The tank shall be equipped with a minimum of a 4" schedule 40 polypropylene overflow/air vent pipe installed in the fill tower extending through the tank and dumping behind the rear axle.

Option ID:005537 QTY:1

Foam Cell, Pro Poly, 40 U.S. Gallon

FOAM CELL

One (1) Pro-Poly 40 U.S. gallon foam cell shall be incorporated into the water tank. One (1) pressure/vacuum vent shall be installed and one (1) drain hose shall be connected to

the foam cell. The drain shall have a quarter-turn valve installed inside the pump compartment and it shall drain below the frame rail of the chassis.

Option ID:910172 QTY:1

Foam Cell Type, Class A

The foam cell shall be designed for use with Class "A" foam.

Option ID:910168 QTY:1

Foam Cell Fill Tower, Pro Poly, Black

The foam cell shall have a combination vent and fill tower. The fill tower shall be constructed of black colored 1/2" thick Polyprene and shall be a minimum dimension of 8"x 8" outer perimeter. The tower shall be located in the officer's side front corner of the water tank. The tower shall have a 1/4" thick removable Polyprene screen and a Polyprene hinged-type cover.

Option ID:UPOxxxxxxx QTY:1

Foam Tank Level Gauges (2), Class 1 Intelli-Tank Gauge, Class A Foam, Left & Right Side Pump Panels

FOAM CELL LEVEL GAUGE

Two (1) Class 1 Intelli-Tank Class "A" foam tank level gauge shall be provided on the pump operator's control panel and shall have a label that indicates it is for the foam cell that contains the Class "A" foam. The gauge shall indicate the foam level on an easy to read LED display and show increments of 1/8 of a tank.

The foam tank level gauge system shall include the following:

A pressure transducer that is mounted on the outside of the tank in an easily accessible area.

Sealed foam tanks will require zero pressure vacuum vents.

A super bright LED 4-light display with a visual indication at nine accurate levels.

A set of weather resistant connectors to connect to the digital display, to the pressure transducer and to the apparatus power.

Option ID:110131 QTY:1

Hose Bed, Aluminum, Standard, Painted Primary Body Color Finish

HOSE BED

The hose bed shall be located above the water tank. The inside of the hose bed shall be constructed of smooth aluminum. Hose shall be accessible from the rear, and the opening shall be free of obstructions that might interfere with the deployment and loading of hose. A 1" stainless steel body trim piece shall be at the rear-bottom of the hose bed, to protect the chevron striping when deploying hose.

The interior of the hose bed shall be painted the same body color as the upper portion of the body.

The floor of the hose bed shall be constructed of Dura-Dek fiber reinforced plastic material to prevent the accumulation of water and to allow ventilation to aid in drying hose. The flooring shall be fabricated of "T" beam pultrusions in parallel connected with cross slats that are first mechanically bonded and then epoxied, forming a large sheet. The top portion of each "T" cross section shall measure 1-1/4" wide and 3/16" thick with beaded ends. The vertical portion shall be 3/8" thick, beading out at the bottom to a thickness of 1/2" and tall enough to result in an overall height of 1". The "T" sections shall be spaced 3/4" apart to allow for drainage and ventilation.

Each "T" beam shall be constructed utilizing a core of 250,000 continuous glass fiber strands that are high in resistance to tension, compression and bending. An outer sheath consisting of a continuous strand mat to prevent linear splitting and slipping shall surround the core. The sheath shall also serve to draw the protective resin to the bar surface. Both reinforcements shall be pulled through an isophthalic polyester resin, treated with antimony trioxide for fire resistance, to form a solid length.

The flooring shall then be protected with a polyurethane coating to screen out ultraviolet rays. The bright white coating shall be baked on.

There shall be (2) 9" On-Scene Night Axe lights with housings in the hosebed area to provide adequate lighting to meet requirements. The lights will be activated when the park brake is set.

The hose bed shall contain the following hose load:

Shop Note: Hosebed left to right: 200' 1 1/2" hose Hosebed Divider 800' 3" hose Backboard Storage 1000' 5" hose Hosebed Divider 200' 1 1/2" hose

Option ID:910378 QTY:1

Hose Load, Double-Jacket Hose, 200' of 1-1/2"

200' of 1-1/2" double jacket hose

Option ID:910412 QTY:1

Hose Load, Double-Jacket Hose, 800' of 3"

800' of 3" double jacket hose

Option ID:910486 QTY:1

Hose Load, Rubber Hose, 1000' of 5"

1000' of 5" rubber hose

Option ID:910378 QTY:1

Hose Load, Double-Jacket Hose, 200' of 1-1/2"

200' of 1-1/2" double jacket hose

Option ID:009340 QTY:1

Hose Bed Doors, Tread Plate, Power Operated, Independent, On-Scene Night Axe 36"

LED Lighting (2)

POWER OPERATED HOSE BED DOORS

The hose bed storage area shall be covered with two (2) hinged aluminum doors. The doors shall be hinged on the outside edges, utilizing full-length stainless steel piano hinges. The doors shall lift up and out towards the outside of the body. The doors shall be fabricated with 14 gauge aluminum inner panel for superior strength. The outside sheet shall be constructed of anti-slip tread plate.

The hose bed doors shall be power-operated utilizing a self-contained hydraulic system. The pressure of the hydraulic system shall be factory set to a pressure that will smoothly power the doors upward and downward. The system shall be designed to keep the doors firmly open, without the requirements of mechanical safety locks, when reloading hose as well as to secure the doors firmly in the travel position.

The hydraulic cylinders shall be located at the front of the hose bed and shall only allow movement of one (1) door at a time. The cylinders, when the doors are in the closed position, shall lower into a separate compartment from the stored hose to ensure unobstructed hose deployment operations. The cylinder pins attached to the doors shall be designed to be removable with the doors in the closed position without having to climb inside the hose storage area.

Self-contained switches shall be utilized to raise and lower the cover doors independently. The switches shall be located at the rear of the apparatus in a convenient location allowing the operator to view the hose bed cover doors while operating the mechanism from ground level. The switches shall be the momentary type that requires the operator to hold the switch until the desired movement of the cover doors is achieved.

The power unit shall be interlocked with the parking brake and shall only be operable when the parking brake is applied. The doors shall be connected to the open door warning system. An audible alarm shall be located towards the front of the hose bed area designed to warn personnel that door movement is occurring.

HOSE BED COVER LIGHTING

Hose bed lighting shall be provided by two (2) 36" On Scene Night Axe LED lights recessed in the inside of the hose bed cover doors, one (1) in each door. The lights shall be enclosed within a tough waterproof Lexan tube enclosure. Night Axe shall offer 200 lumens per 18 inches of light and an adjustable beam angle. The lights shall be activated when the doors are opened.

Shop Note: Left side hosbed cover to cover the hatch compartments

Option ID:100005 QTY:1

Hose Bed Rear Restraint, Vinyl, Top C-Rail, Bottom Footman Loop / J-Hook, Red

A heavy-duty restraint shall be located on the end of the hose bed. The top of the restraint shall be connected to the tread plate hose bed cover through a C-Rail channel. The bottom of the restraint shall be connected using footman loop and J-Hooks with an adjustable buckle. The restraint color shall be red.

Option ID:009342 QTY:1

Hose Bed Dividers (2), 1/4" Alum., Adjustable, Abraded

HOSE BED DIVIDERS

Two (2) hose bed dividers, fabricated from 1/4" smooth aluminum plate and an aluminum extrusion, shall be installed in the hose bed. Each divider shall have an abraded finish and shall be mounted on hot-dipped galvanized slide rails at the front and rear of the hose bed. The slide rails shall allow full movement of the dividers along the width of the hose bed where no obstructions, such as fill towers, are present. Each divider shall have an oval-shaped handhold slot to assist in relocating the divider.

Option ID:UPOxxxxxxx QTY:1

Additional Hose Storage, Below Ladder Rack, Treadbrite Cover with Vinyl Flap at Rear

HOSE STORAGE BELOW LADDER RACK

Additional hose storage shall be located on the officer's side located below the ladder rack. This space shall be located under the bedded ground ladders and be the full depth of the main hose bed.

There shall be a hinged treadbrite cover located over the top of the hosebed and a heavy duty 22 oz. hypalon vinyl coated nylon cover located at rear of the hose bed area. The rear of the cover shall be connected using seat buckle restraints.

Shop Note: Need to add 3" of height to this compartment. Same as what has been done on previous older Butte County unit.

Option ID:UPOxxxxxxx QTY:1

Backboard Storage, Two (2), Center of Hose Bed, Tread Plate Door, w/ Whelen OS Lighting

BACKBOARD STORAGE IN CENTER OF HOSE BED

A storage compartment shall be provided in the center of the hose bed to store two (2) backboards. The compartment shall be equipped with a hinged, tread plate door with a compression latch to ensure that items stored within stay secure.

There shall be two (2) Whelen OS LED lights installed in the compartment. They shall be positioned in a manner to allow them to light the entire compartment area.

Option ID:UPOxxxxxxx QTY:1

Treadplate Dunnage Area between Fill Towers, Duradek Floor, Hinged Cover

STORAGE AREA BETWEEN FILL TOWERS

There shall be treadplate covering the dunnage area around the fill towers. The treadplate cover shall function as a safe walking surface. Between the fill towers, there shall be a hollow area with a hinged lid that shall function as a storage area. The storage area shall have duradek flooring for draining purposes.

Option ID:002630 QTY:1

Body, 100" Wide, Custom Pumper, Single-Axle, Aluminum, 1/8"

ALUMINUM BODY CONSTRUCTION

The apparatus body shall be fabricated from 1/8" 5052-H32, smooth aluminum sheet. The total outside width of the apparatus body shall not exceed 100 inches. The width measurement of the sidewalls shall be made from the outside wall of the two opposite sides of the body. The body shall be designed for a single axle chassis.

The complete apparatus body shall be fabricated utilizing the break and bend techniques in order to form a strong, yet flexible, uni-body structure. The body shall be constructed with holding fixtures to ensure proper dimensioning. Each apparatus body is specific in design in order to meet the unique requirements of the purchasing fire department.

The main body compartments on each side, as well as the rear center compartment if applicable, shall contain a sweep out floor design. Each compartment shall be made to the most practical dimensions in order to provide maximum storage capacity for the fire department's equipment. The door opening threshold shall be positioned lower than the compartment floor permitting easy cleaning of the compartments.

Continuous, solid welded seams shall be located at the upper front and upper rear corners of the apparatus body. The flooring of all lower, main body compartmentation shall also have solid weld seams. All door jambs, on both the top and the bottom, shall be solid welded as well. Each main door jamb shall consist of a double jam design; this is comparable to a double struck frame design, which provides superior strength and durability. All double door jams are to be welded together utilizing the plug weld technique. All remaining compartment walls shall be stitch welded.

The compartment floors, specifically L1 and R1, shall have a minimum of two (2) 2" x 1/4" angles welded to the entire width of the compartment floor. The two (2) rear side compartments as well as the rear center compartment, if applicable, shall be welded to the rear deck support structure. This rear deck support structure is specially designed for the galvanized apparatus body substructure. A minimum of two (2) angles, which are 1/4" x 3" x 3", shall run the entire width of the body from sidewall to sidewall. Each lower, rear compartment shall be adequately stitch welded to the cross angles providing strength and durability to the entire apparatus body.

The body design shall include a "false wall" design in the lower portion of each lower, rear compartment. This "false wall" is required in order to allow for easy accessibility to the rear electrical components found in the rear tail light cluster area.

On the upper area of the apparatus body, directly above the side compartment door openings, a header is to be fabricated from smooth, aluminum sheet. This area shall be free of body seams and shall be painted the same color as the apparatus body. The height of the header may vary depending on the following factors: apparatus design, lettering requirements, scene lights and warning light requirements as well as various other options. A "J" channel shall be incorporated into the body design in order to provide a rain gutter to further assist in preventing excessive moisture from getting into the compartments.

Option ID:120790 QTY:1

Side Compartment Doors, Lap Doors, Painted

SIDE COMPARTMENT DOORS

Hinged lap-type compartment doors shall be installed on each side body compartment. Each lap door shall be a double panel construction with the outer panel fabricated of .190" 3003-H14 aluminum and the inner panel of .125" 3003-H14 aluminum. Rubber molding shall be installed in the overlap area of the door to insure a weatherproof seal and prevent water from collecting in the door sills. Weep holes shall be installed at the bottom of the doors to drain moisture from between the door panels. The compartment door shall have a polished stainless steel continuous hinge with a rubber seal installed between the hinge and the aluminum door to separate the dissimilar metals. The hinge pin shall be stainless steel with a minimum diameter of 1/4".

Compartments with vertically hinged doors that are wider than 36" will require double doors. Each vertically hinged door shall be supplied with one (1) Cleveland-style spring loaded door holder on the compartment door to hold the door in either the fully open or partially closed position. Each spring-loaded door holder shall close the door automatically when it is positioned past center or return the door to the fully open position if the center point is not reached and the door is released. On compartments having double doors, the secondary door shall have a latch mechanism to secure the door when the primary door is opened.

Pressurized gas-filled cylinders shall be furnished on the horizontally hinged lift-up compartment door. Any lift-up style door that is wider than 30" shall require two (2) cylinders. The cylinder(s) shall hold the door in the open position and assist in raising it. The gas filled cylinder(s) shall assist in closing the door automatically when the door is positioned over center.

Each compartment door handle shall be a stainless steel recessed "D" ring type handle. A safety latch with striker plate shall be included with the door handle assembly.

Option ID:101621 QTY:1

Inner Door Pan, Side Doors, Abraded

The inner lap type door panels shall have a maintenance free abraded finish.

Option ID:120878 QTY:1

Compartment Door Handles, Lap Doors, All Locking (6)

DOOR HANDLES

All six (6) side compartment lap doors shall have locking door handles with keys provided. Each lock shall match the same key.

Option ID:UPOxxxxxxx QTY:1

Rear Compartment Doors, (2), Tread Plate Lap Doors, Locking

REAR COMPARTMENT DOORS

Two (2) tread plate aluminum lap doors shall be on the rear of the apparatus, one (1)

upper and one (1) lower compartment. The door on the upper T1 compartment shall be a horizontally hinged, lift-up door, and the door on lower T2 shall be a vertically-hinged swing-out double-door.

Each lap door shall be a double panel construction with the outer panel fabricated of tread plate aluminum. Rubber molding shall be installed in the overlap area of the door to insure a weatherproof seal and prevent water from collecting in the door sill. The compartment door shall have a polished stainless steel continuous hinge with a rubber seal installed between the hinge and the aluminum door to separate the dissimilar metals. The hinge pin shall be stainless steel with a minimum diameter of 1/4".

Each compartment door handle shall be a locking stainless steel recessed "D" ring type handle. A single point latch shall be on the compartment.

A Cleveland-style spring loaded door holder shall be furnished on the vertically hinged compartment door to hold the door in either the fully open or partially closed position. The spring-loaded door holder shall close the door automatically when it is positioned past center or return the door to the fully open position if the center point is not reached and the door is released. On compartments having double doors, the secondary door shall have a latch mechanism to secure the door when the primary door is opened.

Pressurized gas-filled cylinders shall be furnished on the horizontally hinged lift-up compartment door. Any lift-up style door that is wider than 30" shall require two (2) cylinders. The cylinder(s) shall hold the door in the open position and assist in raising it. The gas filled cylinder(s) shall assist in closing the door automatically when the door is positioned over center.

Option ID:UPOxxxxxx QTY:1

Inner Door Pan, (2) Rear Doors, Line-X

The inner lap type door panels on the rear compartments shall be coated with Line-X to match the body compartment interiors.

Option ID:121113 QTY:1

Compartment Lighting, On-Scene, Night Axe Series LED (14)

BODY COMPARTMENT LIGHTING

A total of fourteen (14) On-Scene Night Axe LED compartment lights shall be installed in the body compartments. Each light shall offer 200 lumens per 18" of light and an adjustable beam angle. The lights shall have a ten (10) year replacement warranty.

Option ID:000934 QTY:1

Compartment Finish, Bedliner Coating, Gray

COMPARTMENT COATING

The interior of the body compartments shall be coated with gray Bedliner Coating unless otherwise specified. The coating shall be durable enough to withstand the everyday wear and tear of equipment removal and shifting.

Option ID:000474 QTY:1

Air Release and Drain Holes, All Compartments

COMPARTMENT AIR RELEASE

Each compartment shall be vented to help remove trapped air when closing the compartment door. The vent shall be a rubber gasket in the area of the outboard corners of the compartment. Wiring may also be run through these areas.

COMPARTMENT DRAIN HOLES

Each body compartment shall be equipped with drain holes to allow standing water to exit underneath the apparatus.

Option ID:000440 QTY:1

Sill Protectors, Anodized Aluminum, Lap Door Compartments

SILL PROTECTORS

An anodized aluminum angle sill protector shall be installed on the bottom sill area of the compartments with lap style doors to aid in reducing paint damage from equipment. The sill protectors shall be attached using permanent-bonding double-sided tape.

Option ID:900968 QTY:1

Fuel Fills, Included with Triangle Air Bottle Compartments, Driver's and Officer's Side

FUEL FILLS

A fuel fill pocket shall be located in the rear triangular shaped SCBA air bottle compartment on each side of the apparatus. The cap of the fuel fill shall be a click-type plastic cap with lanyard. The interior of the compartment will be divided into individual storage areas to accommodate air bottle(s) and shall house the fuel fill.

Option ID:901151 QTY:1

Wheel Well Storage Design, Single Axle, Standard

STANDARD WHEEL WELL STORAGE

The wheel well area of the apparatus shall be designed to additional components.

Option ID:120709 QTY:1

Driver's (Left) Body Style, Single Axle, L1 Full, L2 Upper, L3 Full

DRIVER'S (LEFT) SIDE BODY COMPARTMENTS

COMPARTMENT L1

A full height compartment shall be located ahead of the rear wheels on the driver's side of the apparatus body. This compartment shall be designated as L1 within these specifications and any ensuing paperwork or drawings after contract execution.

The dimensions of the compartment shall be:

- Height: 63"
- Width: 28"
- Depth: 14" Upper and 25" Lower
- Intermediate Divide Height: 27"

COMPARTMENT L2

A standard height compartment shall be located above the rear wheels on the driver's side of the apparatus body. This compartment shall be designated as L2 within these specifications and any ensuing paperwork or drawings after contract execution.

The dimensions of the compartment shall be:

- Height: 31"
- Width: 62"
- Depth: 14" Upper and 14" Lower
- Intermediate Divide Height: "

COMPARTMENT L3

A full height compartment shall be located behind the rear wheels on the driver's side of the apparatus body. This compartment shall be designated as L3 within these specifications and any ensuing paperwork or drawings after contract execution.

The dimensions of the compartment shall be:

- Height: 59"
- Width: 36"
- Depth: 14" Upper and 25" Lower
- Intermediate Divide Height: 23"

Option ID:L1 QTY:1 **L1 Components**

L1 Components

Option ID:120292 QTY:1

Shelves (2), Adjustable, Aluminum, Shallow Depth (2 Struts), Abraded

ADJUSTABLE SHELVES

Two (2) aluminum adjustable shallow-depth shelves shall be installed in the compartment. Each shelf shall be constructed of 3/16" aluminum sheet with a minimum of 2" lips. The shelves shall have an abraded finish and shall be designed in such a manner as to allow liquids to readily drain.

Option ID:002742 QTY:1

Shelf (1), Adjustable, Aluminum, Full Depth (4 Struts), Abraded

ADJUSTABLE SHELF

One (1) aluminum adjustable full-depth shelf shall be installed in the compartment. The shelf shall be constructed of 3/16" aluminum sheet with a minimum of 2" lips. The shelf shall have an abraded finish and shall be designed in such a manner as to allow liquids to readily drain.

Option ID:003438 QTY:1

Tray (1), Floor-Mounted Roll Out, Innovative Ind., 300# (SM3-LP), 100% Extension, Abraded

FLOOR MOUNTED ROLL OUT TRAY

One (1) roll out tray shall be installed on the floor of the compartment. The tray shall be provided with a SlideMaster roller type assembly. The roller assembly shall have a rated capacity of 300 lb. distributed load and have 100% extension capability. A mechanical lock assembly shall be provided to lock the tray in the extended or retracted position. The tray shall be constructed of 3/16" aluminum sheet with 3" lips and shall have an abraded finish. The tray roller assembly shall have a powder coated finish for added corrosion protection.

Option ID:120785 QTY:1

Compartment Struts, Vertical, Welded Aluminum

COMPARTMENT STRUTS

Aluminum vertical strut channels shall be welded in the compartment. Two (2) struts shall be provided for any full depth portion and one (1) strut shall be provided for any shallow depth portion.

Option ID:Cmpt. Layout QTY:1

The compartment layout shall be detailed at the pre-construction meeting.

The compartment layout shall be detailed at the pre-construction meeting.

Option ID:L2 QTY:1

L2 Components

L2 Components

Option ID:000428 QTY:1

Struts, (2), Horizontal, Back Wall of Compartment, Aluminum

STRUTS

Two (2) aluminum strut channels shall be welded onto the back compartment wall for mounting of air cylinder clips. The struts shall be installed for mounting of the SCBA bottles with the valves in the down position. This shall allow for full movement of the air bottle clips along the entire width of the compartment.

Option ID:Cmpt. Layout QTY:1

The compartment layout shall be detailed at the pre-construction meeting.

The compartment layout shall be detailed at the pre-construction meeting.

Option ID:L3 **QTY:**1

L3 Components

L3 Components

Option ID:120292 **QTY:**1

Shelves (2), Adjustable, Aluminum, Shallow Depth (2 Struts), Abraded

ADJUSTABLE SHELVES

Two (2) aluminum adjustable shallow-depth shelves shall be installed in the compartment. Each shelf shall be constructed of 3/16" aluminum sheet with a minimum of 2" lips. The shelves shall have an abraded finish and shall be designed in such a manner as to allow liquids to readily drain.

Option ID:003438 **QTY:**1

Tray (1), Floor-Mounted Roll Out, Innovative Ind., 300# (SM3-LP), 100% Extension, Abraded

FLOOR MOUNTED ROLL OUT TRAY

One (1) roll out tray shall be installed on the floor of the compartment. The tray shall be provided with a SlideMaster roller type assembly. The roller assembly shall have a rated capacity of 300 lb. distributed load and have 100% extension capability. A mechanical lock assembly shall be provided to lock the tray in the extended or retracted position. The tray shall be constructed of 3/16" aluminum sheet with 3" lips and shall have an abraded finish. The tray roller assembly shall have a powder coated finish for added corrosion protection.

Option ID:007812 **QTY:**1

Tool Board (1), Slide Out Aluminum, Full Height, Split Depth, Abraded, Locking Roller Assembly

TOOL BOARD

One (1) full height slide out aluminum tool board shall be located in the split depth compartment. The tool board shall utilize a locking roller assembly to lock it in both the opened and closed position. The tool board shall be mounted to a horizontal strut to allow the board to be relocated for the best fit in the compartment.

The tool board shall have a maintenance-free abraded finish.

Option ID:120785 **QTY:**1

Compartment Struts, Vertical, Welded Aluminum

COMPARTMENT STRUTS

Aluminum vertical strut channels shall be welded in the compartment. Two (2) struts shall be provided for any full depth portion and one (1) strut shall be provided for any shallow depth portion.

Option ID:000471 QTY:1

Vertical Partition, Bolt-In, Full Height

VERTICAL PARTITION

One (1) bolt-in vertical partition shall be installed in the full height compartment. The partition finish shall match the compartment interior.

Option ID:Cmpt. Layout QTY:1

The compartment layout shall be detailed at the pre-construction meeting.

The compartment layout shall be detailed at the pre-construction meeting.

Option ID:120648 QTY:1

WL1, Air Bottle Compartment, OEM Brushed SS Door, Single 8"

DRIVER'S SIDE REAR WHEEL WELL POSITION - WL1

A single air bottle compartment shall be installed in the forward portion of the rear wheel well area, on the driver's side. The compartment door, flange, and hinges shall be constructed of stainless steel material. The door shall have a rubber gasket to create a 100% seal to protect the interior of the compartment. The storage compartment shall be a molded component that is assembled to the door and flange. The door shall have a brushed stainless steel finish.

Option ID:120644 QTY:1

WL3, Air Bottle Compartment with Fuel Fill, OEM Brushed SS Door, Double (Triangle) 8"

DRIVER'S SIDE REAR WHEEL WELL POSITION - WL3

Two (2) air bottle compartments shall be installed in the rearward portion of the rear wheel well area on the driver's side. The compartment shall be a triangle design. The compartment door, flange, and hinge shall be constructed of stainless steel material. The door shall have a rubber gasket to create a 100% seal to protect the interior of the compartment. The storage compartment shall be a molded component that is assembled to the door and flange. The door shall have a brushed stainless steel finish.

Option ID:120729 QTY:1

Officer's (Right) Body Style, Single Axle, R1 Full, Equipment Rack, R2 Upper, R3 Full

OFFICER'S (RIGHT) SIDE BODY COMPARTMENTS

COMPARTMENT R1

A full height compartment shall be located ahead of the rear wheels on the officer's side of the apparatus body. This compartment shall be designated as R1 within these

specifications and any ensuing paperwork or drawings after contract execution.

The dimensions of the compartment shall be:

- Height: 63"
- Width: 28"
- Depth: 14" Upper and 25" Lower
- Intermediate Divide Height: 27"

COMPARTMENT R2

A standard height compartment shall be located above the rear wheels on the officer's side of the apparatus body. This compartment shall be designated as R2 within these specifications and any ensuing paperwork or drawings after contract execution.

The dimensions of the compartment shall be:

- Height: 31"
- Width: 39"
- Depth: 14" Upper and 14" Lower
- Intermediate Divide Height: "

COMPARTMENT R3

A full height compartment shall be located behind the rear wheels on the officer's side of the apparatus body. This compartment shall be designated as R3 within these specifications and any ensuing paperwork or drawings after contract execution.

The dimensions of the compartment shall be:

- Height: 59"
- Width: 36"
- Depth: 14" Upper and 25" Lower
- Intermediate Divide Height: 23"

Option ID:R1 **QTY:**1

R1 Components

R1 Components

Option ID:120292 **QTY:**1

Shelves (2), Adjustable, Aluminum, Shallow Depth (2 Struts), Abraded

ADJUSTABLE SHELVES

Two (2) aluminum adjustable shallow-depth shelves shall be installed in the compartment. Each shelf shall be constructed of 3/16" aluminum sheet with a minimum of 2" lips. The shelves shall have an abraded finish and shall be designed in such a manner as to allow liquids to readily drain.

Option ID:002742 **QTY:**1

Shelf (1), Adjustable, Aluminum, Full Depth (4 Struts), Abraded

ADJUSTABLE SHELF

One (1) aluminum adjustable full-depth shelf shall be installed in the compartment. The shelf shall be constructed of 3/16" aluminum sheet with a minimum of 2" lips. The shelf shall have an abraded finish and shall be designed in such a manner as to allow liquids to readily drain.

Option ID:120785 **QTY:**1

Compartment Struts, Vertical, Welded Aluminum

COMPARTMENT STRUTS

Aluminum vertical strut channels shall be welded in the compartment. Two (2) struts shall be provided for any full depth portion and one (1) strut shall be provided for any shallow depth portion.

Option ID:Cmpt. Layout **QTY:**1

The compartment layout shall be detailed at the pre-construction meeting.

The compartment layout shall be detailed at the pre-construction meeting.

Option ID:R2 **QTY:**1

R2 Components

R2 Components

Option ID:002740 **QTY:**1

Shelf (1), Adjustable, Aluminum, Shallow Depth (2 Struts), Abraded

ADJUSTABLE SHELF

One (1) aluminum adjustable shallow-depth shelf shall be installed in the compartment. The shelf shall be constructed of 3/16" aluminum sheet with a minimum of 2" lips. The shelf shall have an abraded finish and shall be designed in such a manner as to allow liquids to readily drain.

Option ID:120785 **QTY:**1

Compartment Struts, Vertical, Welded Aluminum

COMPARTMENT STRUTS

Aluminum vertical strut channels shall be welded in the compartment. Two (2) struts shall be provided for any full depth portion and one (1) strut shall be provided for any shallow depth portion.

Option ID:Cmpt. Layout **QTY:**1

The compartment layout shall be detailed at the pre-construction meeting.

The compartment layout shall be detailed at the pre-construction meeting.

Option ID:R3 **QTY:**1
R3 Components

R3 Components

Option ID:101438 **QTY:**1

Additional Compartment Venting, Flammable Materials, Duckbill Floor Drain

ADDITIONAL COMPARTMENT VENTILATION

The compartment shall have a louvered vent and a one way rubber valve located in the compartment floor. This will assure proper venting and draining when flammable materials are stored in the compartment while keeping road grime from flowing into the compartment.

Option ID:120785 **QTY:**1

Compartment Struts, Vertical, Welded Aluminum

COMPARTMENT STRUTS

Aluminum vertical strut channels shall be welded in the compartment. Two (2) struts shall be provided for any full depth portion and one (1) strut shall be provided for any shallow depth portion.

Option ID:Cmpt. Layout **QTY:**1

The compartment layout shall be detailed at the pre-construction meeting.

The compartment layout shall be detailed at the pre-construction meeting.

Option ID:120657 **QTY:**1

WR1, Air Bottle Compartment, OEM Brushed SS Door, Single 8"

OFFICER'S SIDE REAR WHEEL WELL POSITION - WR1

A single air bottle compartment shall be installed in the forward portion of the rear wheel well area, on the officer's side. The compartment door, flange, and hinges shall be constructed of stainless steel material. The door shall have a rubber gasket to create a 100% seal to protect the interior of the compartment. The storage compartment shall be a molded component that is assembled to the door and flange. The door shall have a brushed stainless steel finish.

Option ID:120671 **QTY:**1

WR3, Air Bottle Compartment with Fuel Fill, OEM Brushed SS Door, Double (Triangle) 8"

OFFICER'S SIDE REAR WHEEL WELL POSITION - WR3

A two (2) air bottle compartment shall be installed in the rearward portion of the rear wheel well area, on the officer's side. The compartment shall be a triangle design. The compartment door, flange, and hinges shall be constructed of stainless steel material. The door shall have a rubber gasket to create a 100% seal to protect the interior of the

compartment. The storage compartment shall be a molded component that is assembled to the door and flange. The door shall have a brushed stainless steel finish.

Option ID:009216 QTY:1

Hydraulic Equipment Rack Attachment, Officer's Side, Ground Ladders, Pike Poles

OFFICER'S SIDE HYDRAULIC EQUIPMENT RACK

A hydraulic equipment rack shall be above the high compartments on the officer's side of the apparatus. The equipment rack shall be operated hydraulically, lowering equipment firmly to shoulder height for easy removal and reloading. The equipment rack shall be painted the same color as the apparatus.

The equipment rack shall be modular in design and built in a "T" shape, pivoting on a 20-inch wide arm. The module shall be located between the high side compartments. No guide arms or stabilizer arms shall be located on the ends of the rack. The officer's side compartments shall be accessible when the equipment rack is in either the up or down position.

When in the up position, the lifting mechanism shall be fully retracted into the apparatus body and shall be flush with the side of the apparatus. Pilot operated check valves shall be installed in the hydraulic system to lock the rack in the stored position by maintaining pressure on the hydraulic cylinder.

A master shut off switch and a flashing indicator light shall be on the chassis dash to warn the driver when the equipment rack is in the down position or in motion when the chassis parking brake is disengaged. The warning light shall be operative regardless of the position of the master switch.

Reflective striping shall be applied to the equipment rack assembly in a manner that will readily indicate a hazard or obstruction to personnel. In addition to the reflective striping, Whelen TIR3 series LED lights shall be secured to the front and rear of the equipment rack. These lights shall automatically become energized anytime the equipment rack is not fully bedded.

EQUIPMENT RACK ATTACHMENT - GROUND LADDER/PIKE POLE STORAGE

Ground ladders shall be stored on the officer's side hydraulic equipment rack with brackets that provide a quick method of removing and reloading the ladders. A quick release shall allow personnel to loosen and unhook the retaining strap in order to remove the ladders, a ratchet style mechanism shall securely and easily fasten the ladders back into place. The bracket shall allow a sectional ladder to still be clamped into position when the roof ladder has been removed.

Provisions for pike poles to be stored on the equipment rack shall be provided.

Option ID:121181 QTY:1

Hydraulic Equipment Rack Accessories, Treadplate Cover, No Shield

A tread plate cover shall be installed on the hydraulic ladder rack. The cover shall protect the lifting mechanism of the ladder rack when in the up and stored position.

Option ID:121189 QTY:1

Hydraulic Equipment Rack Switch, Located on Pump Panel

The control switch for the hydraulic equipment rack shall be located on the pump panel to allow viewing the equipment rack when operating. The control shall be wired to the parking brake and shall only be operable when the parking brake is applied.

Option ID:000745 QTY:1

Audible Alarm for Hydraulic Equipment Rack

EQUIPMENT RACK AUDIBLE ALARM

An Ecco, model 510, audible alarm shall be installed on the apparatus to indicate when the hydraulic equipment rack is in motion. A control switch located on the apparatus body shall activate the alarm.

Option ID:121487 QTY:1

Rear Body Style, Recessed Back, Standard Hose Bed, One Compartment

REAR SIDE BODY COMPARTMENTS

COMPARTMENT T1

A full height compartment shall be located at the rear of the apparatus body. This compartment shall be designated as T1 within these specifications and any ensuing paperwork or drawings after contract execution.

The dimensions of the compartment shall be:

- Height: 38"
- Width: 44"
- Depth: 17"

Option ID:T1 QTY:1

T1 Components

T1 Components

Option ID:002742 QTY:1

Shelf (1), Adjustable, Aluminum, Full Depth (4 Struts), Abraded

ADJUSTABLE SHELF

One (1) aluminum adjustable full-depth shelf shall be installed in the compartment. The shelf shall be constructed of 3/16" aluminum sheet with a minimum of 2" lips. The shelf shall have an abraded finish and shall be designed in such a manner as to allow liquids to readily drain.

Option ID:UPOxxxxxxx QTY:1

Tray (1), Floor-Mounted Roll Out, Innovative Ind., 300# (SM3-LP), 100% Extension, Abraded, Flat Plate, No Lips

FLOOR MOUNTED ROLL OUT TRAY

One (1) roll out tray shall be installed on the floor of the compartment. The tray shall be provided with a SlideMaster roller type assembly. The roller assembly shall have a rated capacity of 300 lb. distributed load and have 100% extension capability. A mechanical lock assembly shall be provided to lock the tray in the extended or retracted position. The tray shall be constructed of aluminum sheet with no Lips and shall have an abraded finish. The tray roller assembly shall have a powder coated finish for added corrosion protection.

Option ID:Cmpt. Layout **QTY:**1

The compartment layout shall be detailed at the pre-construction meeting.

The compartment layout shall be detailed at the pre-construction meeting.

Option ID:005119 **QTY:**1

Sub-Frame, GS-36, Hot-Dip Galvanized, Custom Pumpers, Aluminum and Galvaneal Bodies

GS-36 GALVANIZED STEEL BODY SUB FRAME

To assure proper body alignment and clearance, the body sub frame shall be constructed in a jig and fitted directly on the chassis. The sub frame shall be constructed of 36,000 PSI galvanized steel.

The chassis frame rails shall be fitted with fiber reinforced rubber to isolate the body frame members from direct contact with chassis frame rails.

The main body sub frame shall be constructed from steel tubing. The sub frame shall run the full length of the body and shall be spaced the same width as the chassis frame rails. The main sub frame shall also be the integral support for the water tank. Vertical drop tubes shall be welded to the sub frame. From these vertical drop tubes shall extend cross members constructed of steel angle. These cross members shall extend out to support the compartments. Cross members shall be located at the front and rear of the body and in front and rear of the wheel well opening.

A drop frame, fabricated of steel tube and steel angles, shall support the compartment area behind the rear. The rear drop frame shall be constructed using vertical drop tubes, welded to the main sub frame. All drop frame structures shall be welded directly to the body sub frame to allow the body to be a completely separate structure from the chassis.

After fabrication the sub frame shall be hot dip galvanized for maximum protection against corrosion.

BODY MOUNTING

The body sub frame shall be fastened to the chassis frame with a minimum of two (2) spring loaded body mounts. Each mount shall be configured using a two-piece bracket. The two (2) brackets shall be fabricated of steel plates. The plates shall be galvanized to prevent any corrosion. Each mounting assembly shall utilize two (2) plated bolts and a heavy duty spring. The assembly design shall allow the body and sub frame to act as one (1) component, separate from the chassis. As the chassis frame twists under driving

conditions, the spring mounting system shall limit any stress from being transferred into the body. The spring loaded body mounts shall also prevent frame side rail or body damage caused by unevenly distributed stress and strains due to load and chassis movement.

Body mountings that do not allow relief from chassis movement shall not be acceptable.

TANK MOUNTING

The water tank shall rest on the sub frame cross members which are spaced as required by the tank manufacturer.

The tank shall be isolated from the cross members through the use of hard rubber strips with a minimum Rockwell hardness of 60 durometer. Additionally, the tank shall be supported around the entire perimeter and captured front and rear as well as side to side to prevent the tank from shifting during vehicle operations.

Although the tank shall be designed on a free floating suspension principle, it shall be required that the tank have adequate hold down restrains to minimize movement during vehicle operations.

The tank shall be completely removable without disturbing or dismantling the apparatus structure.

Option ID:UPOxxxxxxx QTY:1

Hatch Compartment, Driver's Side, Covered by Hose Bed Doors, Centered Bulkhead, On-Scene Night Axe LED Lighting, Landing at Rear

DRIVER'S SIDE HATCH COMPARTMENTS

A hatch compartment shall be located on top of the driver's side compartments. The compartment shall be constructed as an integral part of the apparatus body. A bulkhead shall be centered in the hatch compartment, separating the full length compartment into two (2) separate compartments, one (1) forward and one (1) rearward.

The hatch compartment shall be covered utilizing the driver's side power-operated hose bed door.

Lighting shall be provided by three (3) 18" LED On Scene Night Axe lights installed on the upper inside portion of the compartments, one (1) per opening. The lighting shall be enclosed within a tough waterproof Lexan tube enclosure. Night Axe lights shall offer 200 lumens per 18 inches of light and an adjustable beam angle. The lights shall activate when the hose bed doors are opened.

The rearward compartment shall be shortened to allow for a step landing. The landing shall be recessed into the top of the body and allow the department to reach the top of the body more safely

Option ID:120758 QTY:1

Hatch Compartment Flooring, Driver's Side, Black Dri-Dek, (2) Hatch Sections

Two (2) driver's side hatch compartment sections shall utilize Dri-Dek interlocking

squares. For maximum slip resistance and drainage, each square shall have a knobby perforated surface.

Option ID:900963 QTY:1

Walkways/Overlays/Stepping Surfaces, Tread Plate, NFPA 1901

WALKWAYS AND OVERLAYS

All exterior surfaces designated by the manufacturer as stepping, standing, or walking areas shall be overlaid with 3003 H22 bright tread plate to provide a slip resistant surface, even when the surface is wet. All interior surfaces designated by the manufacturer as stepping, standing, or walking areas shall be slip resistant when the surface is dry. The degree of slip resistance shall be in accordance with NFPA 1901, current edition.

Horizontal walkways shall have .080" aluminum tread plate overlays installed and vertical surfaces shall have .125" aluminum tread plate overlays. Overlays shall be installed that are totally insulated from the apparatus with nylon shoulder washers that extend into holes in the body. Stainless steel cap nuts shall be employed where bolt ends may damage equipment or cause injury. After the apparatus is painted and the overlays are reinstalled, they shall be additionally sealed at the edges with a caulking compound. The exterior top tread plate overlay shall be mounted flush with the outer edges of the apparatus body.

Any designated horizontal standing or walking surface higher than 48" from the ground and not guarded by a railing, or structure at least 12" high shall have a "safety yellow line" marking the outside perimeter of the designated standing or walking surface area. Yellow reflective SCENE dots shall be used to create the line along the outside edges of standing and walking surfaces. Steps and ladders shall not be required to have the yellow line.

STEPPING SURFACES

All steps shall have a surface area of at least 35 square inches and shall be able to withstand a load of at least 500 pounds. Steps shall be provided at any area that personnel may need to climb and shall be adequately lit.

Option ID:005154 QTY:1

Rear Deck, Bolt-On, Recessed Back, Tread Plate, Full Depth Sides

REAR DECK

A modular bolt-on deck shall be installed on the rear of the apparatus to form a step area. The rear deck shall be constructed of anti-slip bright tread plate. The recessed rear deck shall be installed between the driver and officer's side body, below the rear compartments. The rear deck shall be installed with sufficient support to form a sturdy, non-deflecting step area for personnel.

Shop Note: Tailboard to be 12-1/4" Deep

Option ID:008464 QTY:1

Auxiliary Step, Below Rear Deck, Bar Grate

AUXILIARY STEP BELOW REAR DECK

An auxiliary step shall be located below the rear deck to assist in the safe climbing onto the apparatus. The step shall be constructed of bar grate material.

Option ID:005118 QTY:1
Rub Rails, "C" Channel Design

BODY RUB RAILS

Rub rails shall be installed beneath the compartment doors to protect the apparatus body from damage should the body be brushed or rubbed against another object. The rub rails shall be 2-1/2" x 1" , 3/16" aluminum channel. The rub rails shall be highly polished and then bright dip anodized.

The rub rails shall be installed on the body utilizing non-corrosive nylon spacers and secured with stainless steel bolts. The outside edge of the rub rails shall be even with the fenderettes and bolt-on steps to prevent snagging.

Option ID:010080 QTY:1
Tow Option, Rear, Tow Eye, One (1), Underbody Subframe

REAR UNDERBODY TOW EYE

One (1) rear tow eye shall be installed directly below the rear of the chassis frame rails, mounted to the subframe. The tow eye shall be capable of a 15,000 lb. straight pull rating.

Option ID:UPOxxxxxxx QTY:1
Receiver Tubes, (2) Total, (1) Each Side with (2) Eyelets

RECEIVER TUBE WITH SLIDE IN EYELETS

There shall be two (2) square receiver tubes provided. There shall also be a slide-in piece with an eyelet provided for each tube.

The receivers shall be located one each side of the apparatus under the body.

The receivers shall have a straight pull rating of 9,000#.

Option ID:UPOxxxxxxx QTY:1
Storage Compartment, Long-Handled Tools, Right Rear, Smooth Painted Door

;LONG-HANDLED TOOL COMPARTMENT ON RIGHT REAR

There shall be a tool compartment on the right rear of the apparatus with a smooth aluminum painted door that hinges outward. The compartment shall have trough type storage for long handled tools.

Option ID:002186 QTY:1
Wheel Wells, Rear, Single Axle

REAR WHEEL WELLS

The fenders shall be integral with the body sides and compartments with a seamless appearance. The fenders shall be fitted with bolt-in removable full circular inner liners in the wheel well area for ease of cleaning and maintenance. The liners shall match the material used to build the body. A sufficient clearance shall be provided in the wheel well to allow the use of tire chains when the apparatus fully loaded.

Option ID:003559 QTY:1
Fenderettes, (2), Single Axle, Stainless Steel

STAINLESS STEEL FENDERETTES

Two (2) stainless steel fenderettes shall be installed at the outboard edge of the rear wheel well area, one (1) on each side. The fenderettes shall be bolted to the apparatus body using nylon washers to space them slightly away from the body to reduce the build-up of road grime. The fenderettes shall be constructed of stainless steel that has been polished to a high-quality finish.

Option ID:120489 QTY:1
Exhaust Heat Deflector Shield, 4"

EXHAUST HEAT DEFLECTOR SHIELD

A 4" heat deflector shield shall be installed over the exhaust to aid in dissipating the heat to prevent exhaust heat from adversely affecting contents stored in the body.

Option ID:UPOxxxxxxx QTY:1
I-Zone Brackets (Removable in Mid-Step)

I-ZONE BRACKETS

Two (2) I-zone brackets shall be provided on the rear of the body, and shall be incorporated into the rear mid-step. The brackets shall each have a removable extension rod.

Option ID:004929 QTY:1
Access Panel for Fuel Tank Gauge, Pumpers

FUEL TANK GAUGE ACCESS PANEL

A removable panel shall be provided in the rear compartment to allow for access to the fuel tank gauge without removing the fuel tank.

Option ID:002427 QTY:1
License Plate Bracket

LICENSE PLATE BRACKET

A license plate bracket shall be mounted on the rear of the apparatus. A clear LED light shall be incorporated into the bracket.

Option ID:005155 QTY:1

Stainless Steel Screws, Pumper

TRIMRITE STAINLESS STEEL FASTENERS

TrimRite stainless steel fasteners shall be provided for all exposed and unpainted fasteners throughout the body in locations such as overlays, pump panels, and other numerous hardware mounting locations. TrimRite stainless is a hardenable martensitic stainless steel that provides a high level of corrosion resistance, hardness up to Rockwell C 51, good cold formability and ease of heat treatment, all of which combine to provide an alloy which has been used for many applications. TrimRite stainless is tested to salt spray standard ASTM B117, which is a 200-hour salt spray test. The OEM shall use TrimRite stainless with an added blue patch which provides improved vibration resistance for the fasteners.

Option ID:001210 QTY:1

Bag of Bolts

ADDITIONAL HARDWARE

A bag of stainless steel nuts, bolts, and washers shall be supplied with the apparatus for mounting of equipment.

Option ID:000505 QTY:1

Overlay, Tread Plate, Vertical Areas of Both Front Compartments

FRONT TREAD PLATE OVERLAYS

A tread plate overlay shall be located on the front vertical areas of each side of the apparatus body. The overlays shall be located on the front of the body compartments.

Option ID:100449 QTY:1

Front Steps and Lighting, Innovative Controls Dual LED Lighted, Folding Steps (3), Drivers Side, Spartan Logo

FRONT BODY STEPS AND LIGHTING

Three (3) Innovative Controls folding steps (3004234-27-1-1-1-1-0) shall be located on the front of the driver's side body compartments. The folding steps shall have two large open slots to prevent the buildup of ice or mud and to provide a hand-hold when necessary. The steps shall have a surface area of at least 35 square inches and shall be able to withstand a load of 500 pounds.

Each step shall be a backlit polydomed Spartan Logo, a LED step light module and a bottom down-light module.

Option ID:007901 QTY:1

Front Steps and Lighting, Cast Products, Folding Steps (3), Officer's Side, Smeal Logo

FRONT BODY STEPS AND LIGHTING

Three (3) Cast Products folding steps shall be located on the front of the officer's side body compartments. The folding steps shall have two large open slots to prevent the buildup of ice or mud and to provide a hand-hold when necessary. The steps shall have a surface area of at least 35 square inches and shall be able to withstand a load of 500 pounds.

The steps shall be adequately lit with LED lighting. One (1) light shall be located above the steps.

Option ID:UPOxxxxxxx QTY:1

Rear Steps and Lighting, Cast Products, Folding Steps, Two (2), Bolt-On Steps, Two (2),

REAR STEPS

Two (2) Cast Products folding steps shall be installed on the rear of the apparatus, on each side.. Each folding step shall have two (2) large open slots to prevent the buildup of ice or mud and to provide a handhold when necessary. Two (2) steps shall be on the driver's side rear of the apparatus and two (2) steps shall be on the officer's side rear of the apparatus.

The steps shall be adequately lit with LED lighting. One (1) light shall be located above each set of steps on the rear face of the body for a total of two (2) lights. Each light shall be located in a manner that shall light all of the steps on its respective side.

Two (2) Cast Products bolt-on corner steps shall be installed on the rear of the apparatus, one each side. Each step shall have large open slots to prevent the buildup of ice or mud and to provide a handhold when necessary. The bolt-on steps shall be on the officer's side rear of the apparatus.

The steps shall be adequately lit with LED lighting. One (1) light shall be located above the set of steps on the rear face of the body. The light shall be located in a manner that shall light all of the steps.

Option ID:005144 QTY:1

Rear Step, Below Hose Bed, Full-Width Tread Plate

FULL-WIDTH HOSE BED STEP

There shall be a full-width tread plate step located above the rear compartment door. The step shall be used to assist in reloading the hose bed. The step shall also include hand-holds in the rear of the step to be used when climbing the rear of the truck. The step will be adequately lit.

Option ID:900960 QTY:1

Handrail Material, Knurled Aluminum

HANDRAILS

All handrails, unless otherwise stated, shall be constructed of knurled aluminum of not less than 1-1/4" in diameter. All railing shields and brackets shall be chrome plate and bolted to the body with stainless steel bolts. The lower bracket on all vertical handrails shall have a drain hole at the lowest point.

The following handrails shall be provided on the apparatus:

Option ID:120546 QTY:1

Handrails, Pump Module, Above Pump Panel, Vertical, Both Sides, Knurled Aluminum

A handrail shall be installed at the entrance on each side of the pump module.

Option ID:120676 QTY:1

Handrails, Pump Module, Above Pump Panel, Horizontal, Both Sides, Knurled Aluminum

Two (2) horizontal handrails shall be installed, one (1) each above both the driver's side and officer's side pump panels.

Option ID:120677 QTY:1

Handrails, Body (Rear), Rear Face, Vertical, Both Sides, Knurled Aluminum

Two (2) vertical handrails shall be installed on the rear of the apparatus, one (1) on the driver's side and one (1) on the officer's side.

Option ID:120690 QTY:1

Handrail, Body (Rear), Below Hose Bed, Horizontal, Knurled Aluminum

A horizontal handrail shall be installed below the hose bed.

Option ID:900986 QTY:1

Ladder Storage, Hydraulic Equipment Rack, Officer's Side

GROUND LADDER STORAGE

The ground ladders shall be stored on the officer's side hydraulic equipment rack with brackets that provide a quick method of removing and reloading the ladders. A quick release shall allow personnel to loosen and unhook the retaining strap in order to remove the ladders; a ratchet style mechanism shall securely and easily fasten the ladders back into place. The bracket shall allow a sectional ladder to still be clamped into position when the roof ladder has been removed.

The following ground ladders shall be supplied with the apparatus:

Option ID:001296 QTY:1

Ladder (1), Duo-Safety, 24' Aluminum Two-Section Extension, 900-A

One (1) Duo-Safety, model 900-A, 24' aluminum two-section extension ladder shall be provided.

Option ID:001293 QTY:1

Ladder (1), Duo-Safety, 14' Aluminum Roof, 775-A

One (1) Duo-Safety, model 775-A, 14' aluminum roof ladder with folding roof hooks shall be provided.

Option ID:001291 QTY:1

Ladder (1), Duo-Safety, 10' Aluminum Folding Attic, 585-A

One (1) Duo-Safety, model 585-A, 10' aluminum folding ladder shall be provided.

Option ID:009199 QTY:1

Pike Pole Tubes (2), Hydraulic Equipment Rack, Officer's Side

PIKE POLE STORAGE

Two (2) aluminum tubes for the storage of pike poles shall be installed on the officer's side hydraulic equipment rack.

The following pike poles shall be supplied with this location on the apparatus:

Option ID:UPOxxxxxxx QTY:1

Hard Suction Hose Storage, Two (2) Hoses, Driver's Side of Hose Bed, Enclosed Compartment, Painted Door

HARD SUCTION HOSE STORAGE

Two (2) hard suction enclosed hose trays shall be located driver's side of the hose bed, each with the capacity to store one (1) 10' section of hard suction hose. Access to the hard suction hose shall be from the rear of the apparatus through a single hinged painted aluminum door.

Option ID:UPOxxxxxxx QTY:1

Hard Suction Hoses (2), Firequip, 3" x 10' (OAL 10' 6") RHF x RLM, Maxi-Flex PVC – 2-1/2" Couplings

HARD SUCTION HOSES

Two (2) Firequip Maxi-Flex PVC 3" x 10' sections of hard suction hose shall be provided. Each hose shall terminate with a rocker lug handle female and a rocker lug male connection. The hoses shall have 2-1/2" couplings on each end of the 3" hose.

Option ID:UPOxxxxxxx QTY:1

Barrel Strainer, Kochek, BS25C, 2-1/2" w/Truck Mounting Bracket

BARREL STRAINER

One (1) Kochek, model #BS25C, barrel strainer shall be provided. The strainer shall be

provided with a 2-1/2" female NH thread rocker lug coupling.

There shall be a South Park threaded mount provided.

Option ID:900951 QTY:1

Wheel Chock Storage, Under Front of Body, Driver's Side

WHEEL CHOCK STORAGE

The wheel chocks shall be stored in locations that are easily accessible under the front of the body on the driver's side of the apparatus.

Shop Note: Install Below L1

Option ID:001204 QTY:1

Wheel Chocks, (1) Pair, Zico SAC-44 and Bracket, OEM Installed

WHEEL CHOCKS

One (1) pair of Zico, model SAC-44, wheel chocks shall be provided with the apparatus. The wheel chocks shall be mounted in Zico model, SQCH-44-H, mounting brackets.

Option ID:110174 QTY:1

Pump Module, Side Mount, Independent, 1/8" Aluminum

INDEPENDENT ALUMINUM SIDE MOUNT PUMP MODULE

The pump module shall be a side mount design and fabricated from 1/8" 5052-H32 smooth aluminum sheet. The module shall be fabricated as an individual unit independent from the body. The module shall be fabricated utilizing the break and bend technique in order to form a strong yet flexible structure. The pump module shall be fabricated using precision holding fixtures to ensure proper dimensions and all attachment points shall be heavily reinforced.

Option ID:004731 QTY:1

Pump Compartment Internal Lighting, LED, On-Scene

PUMP COMPARTMENT LIGHTS

Two (2) 9" On-Scene Night Axe LED lights shall be installed in the pump compartment. The lights shall be rated at 100,000 hours of service. The lights shall be waterproof and magnesium chloride resistant. The lights shall be enclosed in tough 5/8" Lexan tube.

Option ID:110994 QTY:1

Running Board, Driver's Side, Bolt-On, Tread Plate, Storage Well, Fixed, PAC Straps

DRIVER'S SIDE RUNNING BOARD

A modular bolt-on running board, constructed of anti-slip tread plate, shall be installed on the driver's side of the pump module. An integral storage well compartment shall be

recessed in the running board. The outside edge of the running board shall be flush with the rub rail installed on the body to maintain a uniform appearance. The running board shall be installed with sufficient support to form a sturdy, non-deflecting step area for personnel.

Two (2) PAC, model K5006, straps shall be provided and installed over the top of the compartment.

Option ID:111010 QTY:1

Running Board, Officer's Side, Bolt-On, Tread Plate, Storage Well, Fixed, PAC Straps

OFFICER'S SIDE RUNNING BOARD

A modular bolt-on running board shall be installed on the officer's side of the pump module. The running board shall be constructed of anti-slip tread plate. There shall be an integral storage well compartment recessed in the running board. The outside edge of the running board shall be flush with the rub rail that is installed on the body to maintain a uniform appearance. The running board shall be installed with sufficient support to form a sturdy, non-deflecting step area for personnel.

There shall be two (2) PAC, model K5006, straps provided with the storage well. The straps shall be installed over the top of the compartment.

Option ID:111029 QTY:1

Running Board Storage Well Tile, (2), Black Dri-Dek Flooring

The floor of the storage wells shall each be covered with Dri-Dek flooring.

Option ID:009974 QTY:1

Dunnage Compartment, Tread Plate, Above Pump Module, With Cover, Tread Plate

TREAD PLATE DUNNAGE COMPARTMENT

A dunnage compartment shall be located above the pump module. The dunnage compartment floor shall be constructed of tread plate.

A hinged cover for the dunnage compartment shall be provided. The cover shall be constructed from anti-slip tread plate material.

Shop Note: Bar grate insert for the auxiliary pump. Cover hinged towards the forward position. Latches to be flush.

Option ID:UPOxxxxxxx QTY:1

Dunnage Compartment Light, On-Scene, Night Axe, LED, Switch on Pump Panel

DUNNAGE COMPARTMENT LIGHTING

There shall be one (1) OnScene Night Axe 70000CH LED light with aluminum housing mounted inside the dunnage compartment. The light shall be activated by a switch located on the pump panel.

Option ID:005149 QTY:1

Access Panel, Pump, Front Pump Module, Removable, Tread Plate, Compression Latches, Side Mounts, RMA's

FRONT PUMP ACCESS PANEL

A tread plate access panel shall be provided on the front of the pump compartment. The panel shall be of the single pan design and shall be positively latched in the closed position utilizing compression latches. An aluminum sill protector shall be installed on the bottom of the door opening to protect the paint from chipping and scratching. This area shall be accessible when the cab is tilted.

Option ID:000460 QTY:1

Access Panel, Pump, Officer's Side Pump Module, Side-Hinged, Tread Plate, Compression Latches

OFFICER'S SIDE PUMP ACCESS PANEL

A tread plate access panel shall be above the officer's side pump panel to allow access to the pump compartment. The vertically hinged panel shall be of the single pan design and shall be positively latched in the closed position utilizing compression latches. A gas strut shall be provided on the door. An aluminum sill protector shall be installed on the bottom of the door opening to protect the paint from chipping and scratching. The door shall be wired into the door open warning light circuit.

Option ID:110222 QTY:1

Pump Panels, Side Mount, Controls on Driver's Side, Black Bedliner Coating Finish, IC Bezels/Trim Rings/Labels

CONTROL PANEL

The driver's side of the pump enclosure shall be divided into two sections. The lower section shall be where all valve controls, the primer control, the discharge relief valve controls (pilot valve), and other mechanical controls are located. This surface shall be referred to as the "control panel".

All valve controls shall be the self-locking type, activated by either direct control or with a direct linkage utilizing friction locking bell cranks and universal ball swivels. The primary valve handles shall have color coded tags installed in a recessed area to clearly denote the purpose of each control.

INSTRUMENT PANEL

The surface up above the control panel shall contain all instruments, gauges, test fittings, and optional controls. This surface shall be referred to as the "instrument panel". The instrument panel shall be independent and hinged and latched so that it may be opened. All instruments, gauges, and other equipment shall be installed with sufficient slack in any cabling, tubing, or plumbing to allow the panel to swivel to the fully open position.

The instrument and gauge panel shall be vertically hinged "swing out" to provide access

for service.

OFFICER'S SIDE PUMP PANEL

A single panel shall be installed on the officer's side of the pump enclosure. This shall be the area where any officer's side discharges, inlets, steamers, and other pump-associated equipment are located. This panel shall be easily removable and held in place with quick release push latches. It shall be fully removable for pump and plumbing access without the need to use hand tools. Any electrical equipment that may be installed shall be equipped with connectors so they may be easily separated from the opening created when the below described front access panel is removed.

PANEL SURFACES

The control panel, instrument panel, and officer's side pump panel shall be coated with black Bedliner Coating for maximum resistance to abrasion and to minimize glare. The material shall be capable of withstanding the effects of extreme temperatures and weather.

GARNISH RING BEZEL ASSEMBLIES

Innovative Controls intake and/or discharge garnish rings shall be installed to the apparatus with mounting bolts. These bezel assemblies shall be used to identify intake and/or discharge ports with color and verbiage. The garnish rings shall be designed and manufactured to withstand the specified apparatus service environment and shall be backed by a warranty equal to that of the exterior paint and finish. The specified assemblies shall feature a chrome-plated panel-mount bezel with durable UV resistant polycarbonate inserts. These UV resistant polycarbonate graphic inserts shall be subsurface screen printed to eliminate the possibility of wear and protect the inks from fading. All insert labels shall be backed with 3M permanent adhesive, which meets UL969 and NFPA standards.

VERBIAGE TAG BEZEL ASSEMBLIES

Innovative Controls verbiage tag bezels shall be installed. The bezel assemblies will be used to identify apparatus components. These tags shall be designed and manufactured to withstand the specified apparatus service environment and shall be backed by a warranty equal to that of the exterior paint and finish. The verbiage tag bezel assemblies shall include a chrome-plated panel-mount bezel with durable easy-to-read UV resistant polycarbonate inserts featuring the specified verbiage and color coding. These UV resistant polycarbonate verbiage and color inserts shall be subsurface screen printed to eliminate the possibility of wear and protect the inks from fading. Both the insert labels and bezel shall be backed with 3M permanent adhesive, which meets UL969 and NFPA standards.

SAFETY MESSAGE BEZEL ASSEMBLIES

Innovative Controls safety message bezels shall be installed. The bezel assemblies will be used to identify, instruct, or warn the operators. These tags shall be designed and manufactured to withstand the specified apparatus service environment and shall be backed by a warranty equal to that of the exterior paint and finish. The safety message bezel assemblies shall include a chrome-plated panel-mount bezel with durable easy-to-read UV resistant polycarbonate inserts featuring ANSI safety standard graphics or

custom graphics. These UV resistant polycarbonate graphic inserts shall be subsurface screen printed to eliminate the possibility of wear and protect the inks from fading. Both the graphic insert labels and bezel shall be backed with 3M permanent adhesive, which meets UL969 and NFPA standards.

Option ID:003659 QTY:1

Pump Panel Lighting, Side Panels, LED, On-Scene Night Axe

PUMP PANEL LIGHTING

The pump operator's control panel and the officer's side pump panel shall each be illuminated by On-Scene LED Night Axe lighting. The pump panel lights shall become energized upon setting the park brake so the gauge information provided may be consulted. A stainless steel shield shall be installed over the pump panel lights to further protect them from the elements and to act as a reflector for additional illumination.

Option ID:910612 QTY:1

Pump Panel Lighting Activation, Automatic with Park Brake Engaged

The pump panel lighting shall become energized automatically upon setting the park brake so the gauge information may be consulted at any time the apparatus is parked.

Option ID:UPOxxxxxxx QTY:1

Speaker, University Sound, Left Side Of Pump Module, With Volume Control (D-226-3021) (D-CT22152)

PUMP PANEL SPEAKER

There shall be an University Sound model #MIS8C, speaker located on the pump panel. The speaker will be used with the fire department's radio.

There shall be a speaker wire run from the speaker to the cab dash area.

Option ID:100157 QTY:1

Pump, Waterous, Single-Stage, 2000 GPM, CSUC20, Flame Plated Impeller Hubs

MIDSHIP MOUNT FIRE PUMP

The pump shall be a Waterous CSUC20 2000 U.S. GPM fire pump. The pump shall be a single stage centrifugal class "A" rated fire pump, designed specifically for the fire service.

The pump body shall be cast as two (2) horizontally split pieces. The body shall be made of high tensile, close-grained gray iron with a minimum tensile strength of 40,000 PSI.

FLAME PLATED IMPELLER HUBS

The pump impellers shall be bronze, specifically designed for the fire service and accurately balanced for vibration free running. The stripping edges shall be located on opposite sides of the impellers to reduce shaft deflection.

The impeller shaft shall be stainless steel, accurately ground to size and supported at each end by oil or grease lubricated anti-friction ball bearings for rigid, precise support. The bearings used on the impeller shaft shall be automotive type bearings, easily cross-referenced and readily available at normal parts or bearing stores.

The impeller hubs shall be flame plated with tungsten carbide to hardness approximately twice that of tool steel to assure maximum pump life and efficiency. During the flame plating process, the base metal shall not be allowed to exceed a temperature of 300 degrees Fahrenheit to prevent altering the metallurgical properties of the impeller material.

IMPELLER WEAR RINGS

The pump shall be equipped with replaceable bronze wear rings for increased pump life and minimum maintenance cost. The wear rings shall be designed to fit into a groove in the face of the impeller hubs forming a labyrinth that, as the clearance increases with age, directs water from the discharge side in several directions eventually exiting outward, away from the eye of the impeller hub.

LUBRICATION SYSTEM

An internal lubrication system shall deliver lubricant directly to the drive chain. This unique design shall eliminate the need for an external lubrication pump and auxiliary cooling. Oil shall be supplied with the lubrication system.

PUMP TRANSMISSION

The pump shall have a Waterous model C20 series transmission. The housing of the transmission shall be constructed of high strength, three-piece, horizontally split aluminum. The drive line shafts shall be made from alloy steel forgings, hardened and ground to a size 2.350 inch 46 tooth involute spline. The drive and driven sprockets shall be made of steel and shall be hardened and have ground bores. The drive chain shall be a Morse HV high strength involute form chain. Bearings shall be deep-groove, anti-friction ball bearings and shall give support and proper alignment with the impeller shaft assembly. Bearings shall be oil splash lubricated, completely separated from the water being pumped, and protected by a V-ring and oil seal. An internal lubrication system shall deliver lubricant directly to the drive chain. This unique design eliminates the need for an external lubrication pump and auxiliary cooling. The pump and transmission shall be easily separable. A two-piece shaft shall be splined allowing for individual repair of either the pump or transmission, to keep down time to a minimum. All drive line components shall have a torque rating equal to or greater than the final net engine torque.

Option ID:000090 QTY:1
Mechanical Seals, Waterous

MECHANICAL SEALS

The pump shall be equipped with self-adjusting, maintenance free mechanical shaft seals that shall not require manual adjustment. These seals shall be designed in a manner such that they shall remain functional enough to permit continued use of the pump in the unlikely event of a seal failure.

Option ID:002792 QTY:1

Anodes, Waterous, Magnesium, 2 Discharge, 2 Intake

ZINC ANODES

Four (4) Waterous Magnesium anodes shall be provided with the fire pump. The anodes shall aid in preventing galvanic corrosion within the water pump and be easily replaceable. The anodes shall be installed as follows:

- Two (2) on the intake side of the pump
- Two (2) in the discharge manifold of the fire pump.

Option ID:910622 QTY:1

Pump Rating, 1500 GPM

The pump shall be rated at 1500 gallons per minute.

Option ID:910640 QTY:1

Pump Mounting, Independent Pump Module

FIRE PUMP MOUNTING

The fire pump shall be mounted within a separate body module that is not directly connected to the apparatus body.

The pump shall be frame mounted; therefore minimizing the likelihood of the pump casing cracking should the apparatus be involved in a collision.

The pump module shall be mounted to the frame in a minimum of four (4) locations and shall be reinforced appropriately in order to carry the expected load for the life of the apparatus.

Option ID:100266 QTY:1

Pump Shift and Lights, Waterous, Air-Operated

PUMP SHIFT

The pump shift actuating mechanism shall be air operated from a valve in the cab identified as "PUMP SHIFT". Full instructions for shifting the pump shall be inscribed on the valve plate.

Two (2) green pump system shift indicator lights shall be in the chassis cab. The first light shall become energized when the pump has completed its shift into pump gear and shall be labeled "Pump Engaged". The second light shall become energized when the chassis parking brake has been set and the pump and the chassis transmissions have been shifted completely into the correct gears for pumping. This light shall be labeled "OK to Pump".

One (1) green pump system shift indicator light shall be located on the operator's panel. This light shall become engaged when the chassis parking brake has been set and when the pump and the chassis transmissions have been completely shifted into the correct

gears. The light shall be located adjacent to the throttle control and shall be labeled "Warning: Do Not Open Throttle Unless Light Is On".

Option ID:UPOxxxxxxx **QTY:**1

Governor, Total Pressure Governor (UV-TPG), Class 1

PRESSURE GOVERNOR

The apparatus shall be equipped with the Class1 UV Total Pressure Governor System. The UV Total Pressure Governor System (SPGS) is a J1939 CAN based pressure governing system that consists of a UV-TPG display, pressure transducers and associated wiring. The UV-TPG must be capable of dual station control allowing the system to be operated from separate locations on the apparatus (dual systems do not require additional transducers). The UV-TPG advanced diagnostic capability instantly notifies the operators of any out of parameter condition. It also notifies the operator of actions performed and suggests operation methods in the event of an out of parameter condition. Graphic diagnostics also provides wiring and troubleshooting information.

UV-TPG DISPLAY

The UV-TPG display utilizes Class1's UltraView technology. It is a custom tooled and programmed, 4.3 inch, full color LCD display with an (8) buttons. It shall be bonded for direct sunlight viewing. The UV-TPG is sealed to IP67 and allows for flush, pedestal or rear mounting options. The UV-TPG display can be oriented in either the portrait or landscape orientations. The UV-TPG display provides the interface to the Engine Control Module (ECM) mounted on the engine. The UV-TPG display will operate as a pressure sensing governor (PSG) utilizing the engines J1939 CAN data for optimal resolution and response. The UV-TPG display utilizes control algorithms that minimize pressure spikes during low or erratic NTwater supply situations. The UV-TPG display shall be backwards compatible to any engine that supplies J1939 RPM, Temperature and Oil Pressure information providing the ability to maintain a consistent fleet fire-fighting capability and reduce operator cross training and confusion. The UV-TPG display shall have the ability to use either a 300 PSI or 600 PSI pressure transducers for discharge pressure.

The UV-TPG display is capable of storing up to 12 different languages. It shall provide the operator with the ability to adjust the display brightness for day and night mode operations. The following parameters visible at all times:

- Pump Discharge Pressure
- Engine RPM
- Engine Oil Pressure
- Engine Coolant Temperature
- Transmission Temperature
- System Voltage
- Throttle Ready Interlock Status
- Pump Engaged Interlock Status
- OKAY to Pump Interlock Status
- Operating Mode Status (RPM or Pressure)
- Target Pressure Indication (when in pressure mode)

Option ID:002210 QTY:1

Intake Relief Valve, Pump, Elkhart, Factory Preset

INTAKE RELIEF VALVE

An Elkhart Brass intake relief valve shall be installed on the suction side of the pump. The valve shall be the preset type, adjustable from 75 to 250 PSI, and shall be designed to prevent vibration from altering the setting. The relief outlet shall be directed below the pump with the discharge terminating in a 2-1/2" male NH threads connection. The discharge shall be away from the pump operator and labeled "Do Not Cap".

Option ID:006588 QTY:1

Primer, Trident, AirPrime (3-Barrel), Air-Operated Valve (31.001.7)

TRIDENT PRIMING PUMP

The priming pump shall be a Trident Emergency Products three-barrel, compressed air powered, high efficiency, multi-stage, venturi based AirPrime System. All wetted metallic parts of the priming system are to be of brass and stainless steel construction. A pressure protection valve shall be installed with the priming pump. A single panel mounted control shall activate the priming pump and open the priming valve to the pump.

Option ID:000112 QTY:1

Master Drain Valve, Trident

MASTER DRAIN VALVE

A Trident manifold drain valve assembly shall be supplied. This drain shall provide the capability to drain the entire pump by turning a single control. The valve assembly shall consist of a stainless steel plate and shaft in a bronze body with multiple ports. The drain valve control shall be mounted on the driver's side pump panel and labeled "Master Drain".

Option ID:000087 QTY:1

Overheat Protection Manager (OPM), Waterous, With Lights

WATEROUS OVERHEAT PROTECTION MANAGER WITH INDICATOR LIGHTS

A Waterous Overheat Protection Manager (OPM) shall be installed on the pump. The relief valve shall automatically relieve water from the pump when the temperature of the pump water exceeds 140° F. In addition, a warning light on the pump panel shall be triggered by a thermal switch when the water in the pump reaches 180° F. The warning light acts as an additional protection device if the temperature inside the pump keeps rising although the valve is open. The valve shall automatically reset after activation.

Option ID:005848 QTY:1

Pump Color Painted Gray - Intakes Primary Body Color

PAINT PUMP GRAY/PAINT INTAKES PRIMARY BODY COLOR

The pump body shall be painted with AkzoNobel High Solids polyurethane paint. The paint color shall be a neutral gray. The pump enclosure shall be painted the same color as the apparatus body.

The main intake(s) and auxiliary intake valves shall be painted with a AkzoNobel High Solids polyurethane paint. The paint color shall be the same as the apparatus body.

Option ID:901166 QTY:1

Pump Manuals Watrous, (2)

PUMP MANUALS

Two (2) Pump Operation and Maintenance manuals shall be provided in digital format with the apparatus.

Option ID:111069 QTY:1

Pump and Engine Cooling System, Inn. Cntrls, 3/8" I.D., Hose, Controls on Pump Panel

PUMP AND ENGINE COOLING SYSTEM

A pump and engine cooling system shall be provided on the apparatus. The cooling system shall keep the engine cool when running for long periods of time and the pump cool during long periods of pumping when water is not being discharged. The cooling system shall also be set up in a way that the cooling system lines can be easily drained through the master pump drain.

The cooling system lines shall consist of high-temperature 3/8" (inside diameter) hose. The engine cooling lines shall be installed with one (1) line going from the discharge side of the water pump through an Innovative Controls model 3008220-2-2, 3/8" in-line quarter turn ball valve assembly and continuing on to the chassis heat exchanger. The return line from the heat exchanger shall then run into the suction side of the pump. The pump cooling lines shall be installed with one (1) line going from the discharge side of the water pump through an Innovative Controls model 3008220-2-2, 3/8" in-line quarter-turn ball valve assembly up to the water tank. At the water tank, the pump cooling line shall be plumbed into a 3/8" check valve on the "Tank Fill" valve. The check valve shall prevent tank water from back flowing into the pump when the cooling system is not in use. A return line from the water tank shall be plumbed into the water pump.

The engine cooling system valve shall be controlled on the operator's panel, and shall be clearly labeled, "Engine Cooler".

The pump cooling system valve shall be controlled on operator's panel, and shall be clearly labeled, "Pump Cooler".

Shop Note: Pump cooler line 1/2" stainless steel braided hose from Kriha Fluid Power 402.438.8303. 1/2" check valve to be provided.

Option ID:100721 QTY:1

Foam System, FoamPro, 1600, Single System, Class A Foam, Flush System

FOAM SYSTEM

A FoamPro 1600 single foam system shall be installed on the apparatus. The system shall be an electronic, fully automatic, variable speed, direct injection, discharge side foam proportioning system. The system shall be capable of handling, and shall be set up to utilize Class A foam concentrate. The foam proportioning operation shall be based on direct measurement of water flows, and remain consistent within the specified flows and pressures. The system shall be equipped with a control module, suitable for installation on the pump panel. Incorporated within the motor driver shall be a microprocessor that receives input from the system flow meter, while also monitoring foam concentrate pump output, comparing values to ensure that the operator preset proportional amount of foam concentrate is injected into the discharge side of the fire pump.

The control module shall enable the pump operator to activate the foam proportioning system and select proportioning rates from 0.1% to 1.0%.

A 12-volt electric motor driven positive displacement plunger pump shall be provided. The pump capacity shall be 1.7 GPM at 200 PSI with a max operating pressure up to 400 PSI . The motor shall be controlled by a microprocessor (mounted to the base of the pump). It shall receive signals from the control module, and power the 1/3 hp electric motor in a variable speed duty cycle to ensure that the correct proportion of concentrate is injected into the water stream.

System capacity shall be as follows:

- 0.2% Foam Concentrate / 850 Maximum GPM
- 0.5% Foam Concentrate / 340 Maximum GPM
- 1.0% Foam Concentrate / 170 Maximum GPM

A full flow check valve shall be provided to prevent foam contamination of fire pump and water tank or water contamination of foam tank. Components of the complete proportioning system as described above shall include:

- Operator control and display.
- Paddlewheel flow meter.
- Pump and electric motor/motor driven.
- Wiring harnesses.
- Low-level tank switch.
- Foam injection check valve.

An installation and operation manual shall be provided for the unit, along with a one (1) year limited warranty. A system schematic placard and a system rating placard shall be supplied and installed in accordance with NFPA 1901, current edition.

FLUSH SYSTEM

A single foam flush system shall be installed to provide a clean water flush of the foam concentrate pump preventing foam concentrates from mixing and possible jelling. Clean water from the booster tank shall be plumbed to a 1/4 turn valve located on the pump panel. The valve shall be capable of operating pressures to 500 PSI.

Option ID:980014 QTY:1

Foam System Testing, Single System

FOAM PROPORTIONING SYSTEM TESTING

The foam proportioning system shall be tested and certified after final installation in accordance with NFPA 1901, current edition.

Option ID:006644 QTY:1

Manifold, Waterous, Standard, Side Mounts, Foam

PLUMBING MANIFOLD

The plumbing manifold shall consist of the inlet side manifold and the discharge side manifold. Galvanized Victaulic couplings shall be used wherever possible for ease of maintenance and superior corrosion protection.

The inlet side of the plumbing manifold shall utilize schedule 10, 304-grade stainless steel tubing and preformed elbows for inlets that are larger than 3". Side auxiliary inlets that are 3" or smaller shall utilize schedule 10, 304-grade stainless steel threaded tubing and preformed elbows. The inlet manifold shall thread into the pump auxiliary inlet ports and each inlet valve shall thread onto the inlet manifold.

The discharge side of the plumbing manifold shall utilize schedule 10, 304-grade stainless steel tubing and preformed elbows to ensure the quality of the manifold where welds are required. The discharge manifold shall connect to the pump discharge ports using 1/2" stainless steel flanges that shall be machined to seat an O-ring to ensure a leak proof seal. Each discharge shall derive from a port on the manifold assembly connected to a discharge valve with 1/2" 304-grade stainless steel flanges. Discharges that terminate in a location other than the pump module (i.e. rear discharges) that do not require welding shall utilize a combination of high-pressure flex hose and schedule 10, 304-grade stainless steel tubing to allow flexibility between the body and the pump module.

A 3/4" quarter turn drain valve shall be included. A chrome plated rectangular handle shall be provided on the drain valve to facilitate use with a gloved hand. The drain valve shall be located just above the running board and below the pump panel to reduce clutter in the pump panel area. The drain valve shall be connected to the valve with a flexible hose that is routed in such a manner as to assure complete drainage to below the apparatus. A matching color coded bezel shall be included.

Option ID:910589 QTY:1

Gauge Brand, Thuemling, 2-1/2" Liquid Filled (No Bezel) - PSI 0-400

THUEMLING DISCHARGE GAUGES - 2-1/2" - 0-400 PSI

The discharge gauges on the apparatus shall be 2-1/2" diameter Thuemling pressure gauges. Each pressure gauge shall read pressure in PSI and shall be capable of reading 0 to 400 PSI. Each gauge shall be fully filled with pulse and vibration dampening liquid to ensure proper operations to minus 40 degrees and to reduce lens condensation. A removable polished, stainless steel trim ring shall be provided with each gauge. Each gauge will have black markings on a white dial.

Option ID:006940 QTY:1

Master Gauges, Thuemling, 4-1/2", Liquid Filled, PSI -30-0-400

MASTER PUMP GAUGES

The pump vacuum and pressure gauges shall be supplied by Thuemling. Each gauge shall be fully filled with pulse and vibration dampening Interlube to insure proper operations to minus 40 degrees and to reduce lens condensation. The gauge shall read -30 to 0 to 400 PSI and shall be a minimum of 4-1/2" in diameter.

Option ID:111067 QTY:1

Test Ports, Pressure/Vacuum, Inn. Cntrls, Operators Panel

The test port manifold shall be from Innovative Controls and feature solid one-piece cast brass manifold construction located on the pump operator's panel. Removable chrome plated plugs shall be in two test ports, which shall protrude through the surface of the apparatus pump panel or subpanel for easy removal during manual pressure testing.

Plumbing ports 1-4 shall be behind the panel after installation. Each of these four ports (two on vacuum side and two on pressure side) shall have SAE brass fittings or plugs and be plumbed as needed into the vacuum and pressure lines and gauges.

Pressure ports 5 and 6 shall accept 1/4" NH fittings, plugs, or pressure transducers for real-time vacuum and/or pressure readings from one or both sides of the manifold. Port 5 shall be on the vacuum side and Port 6 shall be on the pressure side of the manifold. The location of these ports shall allow the manifold to totally drain if desired.

The test port manifold may be assembled to a decorative chrome-plated die-cast zinc bezel. This bezel shall reside on the outside of the panel after installation and hold a sub-surface printed polycarbonate overlay that will label each of the two exposed test ports – one shall be labeled 'Vacuum' or 'VAC' and the other 'Pressure' or 'PRES'. This label shall cover the mounting screws.

Option ID:910527 QTY:1

Hardware Brand, South Park, NH Intake Swivels, NH Discharges, TFT Storz

HARDWARE BRAND

The non-Storz discharge and intake fittings provided on this apparatus shall be South Park Corp. Brand. The adapter/cap/plug fittings shall be manufactured from high-quality brass that shall be polished to remove manufacturing irregularities with a chrome finish applied to the polished surface.

The Storz discharge and intake fittings provided on this apparatus shall be Task Force Tips Brand. For corrosion resistance, the adapter shall be constructed of hard coat anodized aluminum alloy and include a polymer bearing ring for prevention of galvanic corrosion.

The auxiliary intake(s) shall terminate with NH swivels, and the discharges shall terminate with male NH threads.

Option ID:111107 QTY:1

Drains, Innovative Controls, Manual Quarter-Turn

DISCHARGE, PRE-CONNECT, AND INTAKE DRAINS

An Innovative Controls 3/4" quarter turn drain valve shall be included on each discharge, gated intake, and steamer valve (if applicable). A chrome plated quarter-turn handle shall be provided on the drain valve to facilitate use with a gloved hand. The drain valve shall have a verbiage tag that angles upward so that it can easily be seen and read by the operator before opening. The drain valve shall be located just above the running board and below the pump panel to reduce clutter in the pump panel area. The drain valve shall be connected to the valve with a flexible hose that is routed in such a manner as to assure complete drainage to below the apparatus. A matching color coded bezel shall be included.

AUTOMATIC DRAINS

A Class 1 automatic drain shall be installed on the deluge valve (if applicable). The drains shall also be located in low laying areas (i.e., front discharge) The Drains will open whenever the pressure in the line drops below 6 PSI.

Shop Note: No auto drains will be installed on the front bumper or crosslays. These need to be manual.

Option ID:911305 QTY:1

Plumbing Labels, OEM Standard

PLUMBING LABELS

Innovative Controls brand labels shall be used to identify any pump valve controller, gauge, or drain on the apparatus. The labels shall be color coded in accordance with NFPA 1901, current edition compliance. The colors and verbiage of the labels shall be the OEM standard label package. Each discharge label shall have a unique color and shall have verbiage to identify it.

For easy identification of each component, the verbiage of each label shall be size 22 pt, font "Helvetica Neue Condensed Bold"

Option ID:Tank/Pump Plumbing Labels QTY:1

Tank/Pump Plumbing Labels - See label order form (required)

See label order form (required)

Option ID:100349 QTY:1

Pump to Tank Fill, 2", Akron 8800 2" Manual Valve, IC Push-Pull Handle

2" TANK FILL

A 2" tank fill shall be plumbed from the pump to the tank. Installation shall be completed with 2" rubber hose and stainless steel hose couplings.

An Akron Brass, model 8820, 2" Swing-Out valve shall be provided. The valve shall have an all brass body with flow optimizing stainless steel ball and dual polymer seats. The

valve shall be capable of dual directional flow while incorporating a self-locking ball feature using an automatic friction lock design and specially designed flow optimizing stainless steel ball. The valve shall not require lubrication of seats or any other internal waterway parts, and must be capable of swinging out of the waterway for maintenance by the removal of six bolts. The valve shall carry a ten (10) year warranty by the valve manufacturer.

Option ID:100310 QTY:1

Tank to Pump, 3", Akron 8800 3" Manual Valve, IC Push-Pull Handle

3" TANK-TO-PUMP

A 3" tank-to-pump shall be plumbed with a flexible hose from the tank to the suction side of the pump. An Akron Brass, model 8830, 3" Swing-Out valve shall be provided. The valve shall have an all brass body with flow optimizing stainless steel ball and dual polymer seats. The valve shall be capable of dual directional flow while incorporating a self-locking ball feature using an automatic friction lock design and specially designed flow optimizing stainless steel ball. The valve shall not require lubrication of seats or any other internal waterway parts and must be capable of swinging out of the waterway for maintenance by the removal of six bolts. The valve shall also include a necessary B3-SH pump flange adapter, which shall be specifically used for the tank-to-pump line to properly adjust the plumbing based on the pitch of the pump. The valve shall carry a ten (10) year warranty by the valve manufacturer.

A check valve shall be between the pump suction and the booster tank valve. The check valve shall eliminate back flow into the water tank when the pump is connected to a pressurized source.

The valve shall be actuated by a manual actuator. The manual actuator shall be controlled by an Innovative Controls push/pull T-handle.

Shop Note: Valve in the Open Position when handle flush to panel and label

Option ID:100381 QTY:1

Main Intake, Driver Side, 6", Short Tube, Full-Body Pump, MNST

6" DRIVER SIDE MAIN INTAKE

A 6" main intake shall be located on the driver's side of the pump module. The suction fittings shall include a removable die-cast screen to provide cathodic protection for the pump thus reducing corrosion. A short steamer barrel shall be installed to accommodate an intake valve without exceeding the legal overall body width. The intake shall terminate male NH threads.

Option ID:UPOxxxxxxx QTY:1

TFT 6" FNST x 5" Storz, Jumbo Ball intake Valve AB3ST-NX, 5" Storz Cap with Lanyard A01ST

There shall be a TFT model AB3ST-NX manually operated, jumbo ball intake valve provided. The valve shall be equipped with an adjustable integral relief/dump valve under the main valve body. The connections shall be a 5" swivel Storz outlet with 30

degree slant x 6" long handle swivel NST female connection. The gate valve shall be equipped with a hand wheel gear operated gate type control valve located on front of the valve. A carrying handle shall be cast into the top of the valve and a quarter turn air bleeder valve shall be installed.

There shall be one (1) TFT model A01ST, 5" Storz blind cap with lanyard provided.

Option ID:UPO0038512 QTY:1

No Cap

No Cap

Option ID:002588 QTY:1

Auxiliary Intake, Driver-Side, 2-1/2", Fully Recessed

2-1/2" DRIVER'S SIDE AUXILIARY INTAKE

A 2-1/2" gated auxiliary intake with 2-1/2" plumbing shall be provided on the driver's side of the pump module. The auxiliary intake shall be fully recessed behind the panel in order to keep the valve protected from the elements.

Option ID:007059 QTY:1

Valve, 2-1/2", Akron, Manual, 8825, Stainless Ball, TS Handle

An Akron Brass, model 8825, 2-1/2" Swing-Out valve shall be provided. The valve shall have an all brass body with flow optimizing stainless steel ball and dual polymer seats. The valve shall be capable of dual directional flow while incorporating a specially designed flow optimizing stainless steel ball. The valve shall not require lubrication of seats or any other internal waterway parts and must be capable of swinging out of the waterway for maintenance by the removal of six bolts. The valve shall be manufactured and assembled in the United States. The valve shall carry a ten (10) year warranty by the valve manufacturer.

The valve shall be actuated by an Akron Brass, model TS manual actuator installed directly on the valve. The handle shall allow the valve to be controlled directly at the valve.

Option ID:001246 QTY:1

Plug, NH, 2-1/2", South Park, HPC3008AC

One (1) 2-1/2" NH thread rocker lug chrome plated vented plug, complete with cable or chain, shall be provided.

Option ID:100385 QTY:1

Main Intake, Officer Side, 6", Short Tube, Full-Body Pump, MNST

6" OFFICER SIDE MAIN INTAKE

A 6" main intake shall be located on the officer's side of the pump module. The suction fittings shall include a removable die-cast screen to provide cathodic protection for the

pump thus reducing corrosion. A short steamer barrel shall be installed to accommodate an intake valve without exceeding the legal overall body width. The intake shall terminate male NH threads.

Option ID:UPOxxxxxxx QTY:1

TFT 6" FNST x 5" Storz, Jumbo Ball intake Valve AB3ST-NX, 5" Storz Cap with Lanyard A01ST

There shall be a TFT model AB3ST-NX manually operated, jumbo ball intake valve provided. The valve shall be equipped with an adjustable integral relief/dump valve under the main valve body. The connections shall be a 5" swivel Storz outlet with 30 degree slant x 6" long handle swivel NST female connection. The gate valve shall be equipped with a hand wheel gear operated gate type control valve located on front of the valve. A carrying handle shall be cast into the top of the valve and a quarter turn air bleeder valve shall be installed.

There shall be one (1) TFT model A01ST, 5" Storz blind cap with lanyard provided.

Option ID:UPO0038169 QTY:1

No Cap

No Cap

Option ID:002587 QTY:1

Auxiliary Intake, Officer-Side, 2-1/2", Fully Recessed

2-1/2" OFFICER'S SIDE AUXILIARY INTAKE

A 2-1/2" gated auxiliary intake with 2-1/2" plumbing shall be provided on the officer's side of the pump module. The auxiliary intake shall be fully recessed behind the panel in order to keep the valve protected from the elements.

Option ID:007059 QTY:1

Valve, 2-1/2", Akron, Manual, 8825, Stainless Ball, TS Handle

An Akron Brass, model 8825, 2-1/2" Swing-Out valve shall be provided. The valve shall have an all brass body with flow optimizing stainless steel ball and dual polymer seats. The valve shall be capable of dual directional flow while incorporating a specially designed flow optimizing stainless steel ball. The valve shall not require lubrication of seats or any other internal waterway parts and must be capable of swinging out of the waterway for maintenance by the removal of six bolts. The valve shall be manufactured and assembled in the United States. The valve shall carry a ten (10) year warranty by the valve manufacturer.

The valve shall be actuated by an Akron Brass, model TS manual actuator installed directly on the valve. The handle shall allow the valve to be controlled directly at the valve.

Option ID:001246 QTY:1

Plug, NH, 2-1/2", South Park, HPC3008AC

One (1) 2-1/2" NH thread rocker lug chrome plated vented plug, complete with cable or chain, shall be provided.

Option ID:Intake Labels **QTY:**1

Intake Labels - See label order form (required)

See label order form (required)

Option ID:002545 **QTY:**1

Discharge, Driver-Side, 2-1/2", NST (250 GPM NFPA Rated)

2-1/2" DRIVER'S SIDE DISCHARGE

A 2-1/2" discharge with 2-1/2" plumbing shall be located on the driver's side of the pump compartment. The discharge shall terminate with male NH thread.

Option ID:910534 **QTY:**1

Foam Capable Discharge

The discharge shall be foam capable.

Option ID:111712 **QTY:**1

Valve, 2-1/2", Akron, Manual, 8625, Stainless Ball, Innovative Controls Push Pull Controller (Rack and Sector)

An Akron Brass model 8625 2-1/2" Swing-Out valve shall be provided. The valve shall have an all brass body with flow optimizing stainless steel ball and dual polymer seats. The valve shall be capable of dual directional flow while incorporating a specially designed flow optimizing stainless steel ball. The valve shall not require lubrication of seats or any other internal waterway parts and must be capable of swinging out of the waterway for maintenance by the removal of six bolts. The valve shall be manufactured and assembled in the United States. The valve shall carry a ten (10) year warranty by the valve manufacturer.

The valve shall be actuated by an Akron Brass rack and sector actuator installed on the valve. The manual actuator shall be controlled by an Innovative Controls push/pull T-handle.

Option ID:005849 **QTY:**1

Pressure Gauge, 2-1/2", Thuemling, Liquid Filled - psi 0-400

The discharge shall have a 2-1/2" gauge with a display range from 0 to 400 psi.

Option ID:100542 **QTY:**1

Elbow (45 Deg.) 2-1/2" FNH x 2-1/2" MNH (SE394505AC) - Adapter, 2-1/2" FNH x 1-1/2" MNH (A3720AC) - NH Cap (HCC2804AC), Chrome, South Park

One (1) 2-1/2" female NH thread swivel rocker lug x 2-1/2" male NH thread 45 degree chrome plated elbow adapter shall be provided.

One (1) 2-1/2" female NH thread rocker lug x 1-1/2" male NH thread rigid chrome plated adapter shall be provided.

One (1) 1-1/2" NH thread rocker lug chrome plated vented cap, complete with cable or chain, shall be provided.

Option ID:002545 QTY:1

Discharge, Driver-Side, 2-1/2", NST (250 GPM NFPA Rated)

2-1/2" DRIVER'S SIDE DISCHARGE

A 2-1/2" discharge with 2-1/2" plumbing shall be located on the driver's side of the pump compartment. The discharge shall terminate with male NH thread.

Option ID:111712 QTY:1

Valve, 2-1/2", Akron, Manual, 8625, Stainless Ball, Innovative Controls Push Pull Controller (Rack and Sector)

An Akron Brass model 8625 2-1/2" Swing-Out valve shall be provided. The valve shall have an all brass body with flow optimizing stainless steel ball and dual polymer seats. The valve shall be capable of dual directional flow while incorporating a specially designed flow optimizing stainless steel ball. The valve shall not require lubrication of seats or any other internal waterway parts and must be capable of swinging out of the waterway for maintenance by the removal of six bolts. The valve shall be manufactured and assembled in the United States. The valve shall carry a ten (10) year warranty by the valve manufacturer.

The valve shall be actuated by an Akron Brass rack and sector actuator installed on the valve. The manual actuator shall be controlled by an Innovative Controls push/pull T-handle.

Option ID:005849 QTY:1

Pressure Gauge, 2-1/2", Thuemling, Liquid Filled - psi 0-400

The discharge shall have a 2-1/2" gauge with a display range from 0 to 400 psi.

Option ID:100542 QTY:1

Elbow (45 Deg.) 2-1/2" FNH x 2-1/2" MNH (SE394505AC) - Adapter, 2-1/2" FNH x 1-1/2" MNH (A3720AC) - NH Cap (HCC2804AC), Chrome, South Park

One (1) 2-1/2" female NH thread swivel rocker lug x 2-1/2" male NH thread 45 degree chrome plated elbow adapter shall be provided.

One (1) 2-1/2" female NH thread rocker lug x 1-1/2" male NH thread rigid chrome plated adapter shall be provided.

One (1) 1-1/2" NH thread rocker lug chrome plated vented cap, complete with cable or chain, shall be provided.

Option ID:002538 QTY:1

Discharge, Officer-Side, 2-1/2", NST (250 GPM NFPA Rated)

2-1/2" OFFICER'S SIDE DISCHARGE

A 2-1/2" discharge with 2-1/2" plumbing shall be located on the officer's side of the pump compartment. The discharge shall terminate with male NH thread.

Option ID:100659 QTY:1

Valve, 2-1/2", Akron, Manual, 8825, Stainless Ball, Innovative Controls Push Pull Controller (Operators Panel)

An Akron Brass, model 8825, 2-1/2" Swing-Out valve shall be provided. The valve shall have an all brass body with flow optimizing stainless steel ball and dual polymer seats. The valve shall be capable of dual directional flow while incorporating a specially designed flow optimizing stainless steel ball. The valve shall not require lubrication of seats or any other internal waterway parts and must be capable of swinging out of the waterway for maintenance by the removal of six bolts. The valve shall be manufactured and assembled in the United States. The valve shall carry a ten (10) year warranty by the valve manufacturer.

The valve shall be actuated by a manual actuator installed on the valve. The manual actuator shall be controlled by an Innovative Controls push/pull T- handle at the pump operator's panel.

Option ID:005849 QTY:1

Pressure Gauge, 2-1/2", Thuemling, Liquid Filled - psi 0-400

The discharge shall have a 2-1/2" gauge with a display range from 0 to 400 psi.

Option ID:100542 QTY:1

Elbow (45 Deg.) 2-1/2" FNH x 2-1/2" MNH (SE394505AC) - Adapter, 2-1/2" FNH x 1-1/2" MNH (A3720AC) - NH Cap (HCC2804AC), Chrome, South Park

One (1) 2-1/2" female NH thread swivel rocker lug x 2-1/2" male NH thread 45 degree chrome plated elbow adapter shall be provided.

One (1) 2-1/2" female NH thread rocker lug x 1-1/2" male NH thread rigid chrome plated adapter shall be provided.

One (1) 1-1/2" NH thread rocker lug chrome plated vented cap, complete with cable or chain, shall be provided.

Option ID:002553 QTY:1

Discharge, Officer-Side, 4", NST (625 GPM NFPA Rated)

4" OFFICER'S SIDE DISCHARGE

A 4" large diameter discharge, with 4" plumbing, shall be located on the officer's side of the pump compartment. The discharge shall terminate with male NH thread.

Option ID:100642 QTY:1

Valve, 3", Akron, Gear, 8630, Stainless Ball, 4" Handwheel with Vert. Position Indicator

An Akron Brass, model 8630, 3" Swing-Out valve shall be provided. The valve shall have an all brass body with flow optimizing stainless steel ball and dual polymer seats. The valve shall be capable of dual directional flow while incorporating a specially designed flow optimizing stainless steel ball. The valve shall not require lubrication of seats or any other internal waterway parts and must be capable of swinging out of the waterway for maintenance by the removal of six bolts. The valve shall be manufactured and assembled in the United States. The valve shall carry a ten (10) year warranty by the valve manufacturer.

The valve shall be actuated by an Akron Brass manual gear actuator installed on the valve. The gear actuator shall operate at a 50:1 gear ratio, which operates from fully open to fully closed in twelve (12) rotations.

The gear actuator shall be controlled by an Akron Brass 4" handwheel valve controller. The handwheel worm gear shall be connected to the remote mounted valve via a rod assembly. The handwheel shall turn a gear sector mounted on the valve for smoother and easier operations under pressure. A position indicator shall show the position of the ball valve in accordance with NFPA 1901, current edition. Opening and closing speed shall comply with the current NFPA standard to minimize effects of water hammer.

Option ID:005849 QTY:1

Pressure Gauge, 2-1/2", Thuemling, Liquid Filled - psi 0-400

The discharge shall have a 2-1/2" gauge with a display range from 0 to 400 psi.

Option ID:100612 QTY:1

Elbow (30 Deg.) 4" FNH x 5" Storz (AH3ST-NP), Storz Cap (A01ST), TFT

One (1) 5" Storz x 4" female NH thread swivel rocker lug 30 degree elbow adapter shall be provided. The elbow shall be constructed of hard coat anodized aluminum alloy and have a silver powder coat finish inside and out.

One (1) 5" Storz blind cap, complete with lanyard, shall be provided.

Option ID:121828 QTY:1

Discharge, Front Bumper Driver-Side, 1-1/2", Chassis Installed Plumbing, Above Gravelshield, NST

1-1/2" FRONT BUMPER DISCHARGE

A 1-1/2" discharge shall be located above the gravel shield on the driver's side of the front bumper. The discharge shall be plumbed with 2" chassis installed stainless steel plumbing and OEM installed stainless steel plumbing and high-pressure flex hose with stainless steel couplings. The discharge shall terminate with male NH thread.

The discharge shall have Class1 automatic drains installed in the low routed areas below the manual drain. The automatic drains shall open whenever the pressure in the line

drops below 6 PSI.

Shop Note: The front bumper shall NOT have any auto drains, they will be manual.

Option ID:910534 QTY:1
Foam Capable Discharge

The discharge shall be foam capable.

Option ID:UPOxxxxxxx QTY:1
Valves, Two, (1), 2", (1), 2-1/2", Akron, Manual, 8820, Stainless Ball, (1)TSC Control, (1) Innovative Controls Push Pull Controller

Two (2) Akron Brass valves, one 8820, 2" and one 8825 2-1/2" Swing-Out valves shall be provided. Each valve shall have an all brass body with flow optimizing stainless steel ball and dual polymer seats. Each valve shall be capable of dual directional flow while incorporating a specially designed flow optimizing stainless steel ball. Each valve shall not require lubrication of seats or any other internal waterway parts, and must be capable of swinging out of the waterway for maintenance by the removal of six bolts. Each valve shall be manufactured and assembled in the United States. Each valve shall carry a ten (10) year warranty by the valve manufacturer. Each valve shall be actuated by an Akron Brass, model R1, manual actuator installed on the valve. The the 2-1/2" valve shall be controlled by an Innovative Controls push/pull T-handle and the 2" at the bumper shall be controlled by a TSC style handle.

One valve shall be located on the driver's side pump panel and one shall be on the front bumper.

Shop Note: Plumb same as S4478. Controlled at front bumper and at pump panel as an emergency shutoff. Valve at LS Pump Panel in the Open Position when handle flush to panel and label

Option ID:005849 QTY:1
Pressure Gauge, 2-1/2", Thuemling, Liquid Filled - psi 0-400

The discharge shall have a 2-1/2" gauge with a display range from 0 to 400 psi.

Option ID:910526 QTY:1
Preconnect Discharge

The discharge shall be designated as a pre-connect so no cap and chain shall be required.

Option ID:100503 QTY:1
Pre-connect, Hose Bed Driver-Side, 1-1/2", NH

1-1/2" HOSE BED PRE-CONNECT (DRIVER SIDE)

A 1-1/2" pre-connect with 2" plumbing shall be located at the front of the hose bed on the driver's side. The pre-connect shall terminate NH.

Shop Note: Install the outlet in the front of the hosebed as high as the pump module will allow.

Option ID:100653 QTY:1

Valve, 2", Akron, Manual, 8820, Stainless Ball, Innovative Controls Push Pull Controller

An Akron Brass, model 8820, 2" Swing-Out valve shall be provided. The valve shall have an all brass body with flow optimizing stainless steel ball and dual polymer seats. The valve shall be capable of dual directional flow while incorporating a specially designed flow optimizing stainless steel ball. The valve shall not require lubrication of seats or any other internal waterway parts and must be capable of swinging out of the waterway for maintenance by the removal of six bolts. The valve shall be manufactured and assembled in the United States. The valve shall carry a ten (10) year warranty by the valve manufacturer.

The valve shall be actuated by a manual actuator installed on the valve. The manual actuator shall be controlled by an Innovative Controls push/pull T- handle.

Option ID:005849 QTY:1

Pressure Gauge, 2-1/2", Thuemling, Liquid Filled - psi 0-400

The discharge shall have a 2-1/2" gauge with a display range from 0 to 400 psi.

Option ID:910526 QTY:1

Preconnect Discharge

The discharge shall be designated as a pre-connect so no cap and chain shall be required.

Option ID:100503 QTY:1

Pre-connect, Hose Bed Driver-Side, 1-1/2", NH

1-1/2" HOSE BED PRE-CONNECT (DRIVER SIDE)

A 1-1/2" pre-connect with 2" plumbing shall be located at the front of the hose bed on the driver's side. The pre-connect shall terminate NH.

Shop Note: Install the outlet in the front of the hosebed as high as the pump module will allow.

Option ID:100653 QTY:1

Valve, 2", Akron, Manual, 8820, Stainless Ball, Innovative Controls Push Pull Controller

An Akron Brass, model 8820, 2" Swing-Out valve shall be provided. The valve shall have an all brass body with flow optimizing stainless steel ball and dual polymer seats. The valve shall be capable of dual directional flow while incorporating a specially designed flow optimizing stainless steel ball. The valve shall not require lubrication of seats or any other internal waterway parts and must be capable of swinging out of the waterway for maintenance by the removal of six bolts. The valve shall be manufactured and

assembled in the United States. The valve shall carry a ten (10) year warranty by the valve manufacturer.

The valve shall be actuated by a manual actuator installed on the valve. The manual actuator shall be controlled by an Innovative Controls push/pull T- handle.

Option ID:005849 QTY:1

Pressure Gauge, 2-1/2", Thuemling, Liquid Filled - psi 0-400

The discharge shall have a 2-1/2" gauge with a display range from 0 to 400 psi.

Option ID:910526 QTY:1

Preconnect Discharge

The discharge shall be designated as a pre-connect so no cap and chain shall be required.

Option ID:002543 QTY:1

Discharge, Rear Driver-Side, 2-1/2", NST (250 GPM NFPA Rated)

2-1/2" DRIVER'S SIDE REAR DISCHARGE

A 2-1/2" discharge, with 2-1/2" plumbing, shall be located on the driver's side rear of the apparatus. The discharge shall terminate with male NH thread.

Option ID:100658 QTY:1

Valve, 2-1/2", Akron, Manual, 8825, Stainless Ball, Innovative Controls Push Pull Controller

An Akron Brass, model 8825, 2-1/2" Swing-Out valve shall be provided. The valve shall have an all brass body with flow optimizing stainless steel ball and dual polymer seats. The valve shall be capable of dual directional flow while incorporating a specially designed flow optimizing stainless steel ball. The valve shall not require lubrication of seats or any other internal waterway parts and must be capable of swinging out of the waterway for maintenance by the removal of six bolts. The valve shall be manufactured and assembled in the United States. The valve shall carry a ten (10) year warranty by the valve manufacturer.

The valve shall be actuated by a manual actuator installed on the valve. The manual actuator shall be controlled by an Innovative Controls push/pull T-handle.

Option ID:005849 QTY:1

Pressure Gauge, 2-1/2", Thuemling, Liquid Filled - psi 0-400

The discharge shall have a 2-1/2" gauge with a display range from 0 to 400 psi.

Option ID:100527 QTY:1

Elbow (30 Deg.) 2-1/2" FNH x 2-1/2" MNH (SE393010AC) - NH Cap (HCC2808AC), Chrome, South Park

One (1) 2-1/2" female NH thread swivel rocker lug x 2-1/2" male NH thread 30 degree chrome plated elbow adapter shall be provided.

One (1) 2-1/2" NH thread rocker lug chrome plated vented cap, complete with cable or chain, shall be provided.

Option ID:002541 QTY:1

Discharge, Rear Officer-Side, 2-1/2", NST (250 GPM NFPA Rated)

2-1/2" OFFICER'S SIDE REAR DISCHARGE

A 2-1/2" discharge, with 2-1/2" plumbing, shall be located on the officer's side rear of the apparatus. The discharge shall terminate with male NH thread.

Option ID:100658 QTY:1

Valve, 2-1/2", Akron, Manual, 8825, Stainless Ball, Innovative Controls Push Pull Controller

An Akron Brass, model 8825, 2-1/2" Swing-Out valve shall be provided. The valve shall have an all brass body with flow optimizing stainless steel ball and dual polymer seats. The valve shall be capable of dual directional flow while incorporating a specially designed flow optimizing stainless steel ball. The valve shall not require lubrication of seats or any other internal waterway parts and must be capable of swinging out of the waterway for maintenance by the removal of six bolts. The valve shall be manufactured and assembled in the United States. The valve shall carry a ten (10) year warranty by the valve manufacturer.

The valve shall be actuated by a manual actuator installed on the valve. The manual actuator shall be controlled by an Innovative Controls push/pull T-handle.

Option ID:005849 QTY:1

Pressure Gauge, 2-1/2", Thuemling, Liquid Filled - psi 0-400

The discharge shall have a 2-1/2" gauge with a display range from 0 to 400 psi.

Option ID:100527 QTY:1

Elbow (30 Deg.) 2-1/2" FNH x 2-1/2" MNH (SE393010AC) - NH Cap (HCC2808AC), Chrome, South Park

One (1) 2-1/2" female NH thread swivel rocker lug x 2-1/2" male NH thread 30 degree chrome plated elbow adapter shall be provided.

One (1) 2-1/2" NH thread rocker lug chrome plated vented cap, complete with cable or chain, shall be provided.

Option ID:007001 QTY:1

Crosslays, Above Pump Panel, (2) 1-1/2"

CROSSLAY CONFIGURATION

Two (2) 1-1/2" crosslay pre-connects shall be located above the pump panel. High-pressure flex hose with stainless steel couplings shall be used in the plumbing.

A 90 degree swivel elbow shall be utilized to keep the hose from kinking when pulled from either side of the apparatus. The swivel for each crosslay shall be located outboard for ease of making connections while changing hose.

There shall be (2) 9" On-Scene Night Axe lights with housings in the crosslay area to provide adequate lighting to meet requirements. The lights will be activated when the park brake is set.

The pre-connect hose beds shall be sized to accommodate the following hose load:

Shop Note: Forward crosslay is 6 5/8" wide and rearward is 3 1/2" wide plus the width of the divider extrusion that hold the divider in place. Total width of the crosslays will be 10 3/4" minus the thickness of the divider, not including the extrusion. The crosslay divider is 19 1/2" H to allow room for nozzles. If possible, lower the crosslays an additional 4" from the drawing 22199 on 12/14/21.

Option ID:007013 QTY:1

Pre-connect Hose Bed Housing Coating, Abraded Finish

The interior of the pre-connect hose bed shall have a maintenance free abraded finish.

Option ID:007018 QTY:1

Flooring, Dura-Dek

FLOORING

The floor of the pre-connect area shall be covered with Dura-Dek fiber reinforced material. The Dura-Dek shall have "T" beams in parallel connected with cross slats that are first mechanically bonded and then epoxied. The "T" sections shall be spaced 3/4" apart to allow for drainage and ventilation.

Option ID:000205 QTY:1

Crosslay Rollers

ROLLERS

Stainless steel rollers shall be provided at each end of the crosslay hose bed to facilitate deployment of hose. Vertical rollers shall be installed on each side of the hose bed opening and a horizontal roller shall be installed under the opening.

Option ID:009837 QTY:1

Crosslay Divider (1), Abraded Aluminum

DIVIDER

One (1) divider shall be in the crosslay area. The divider shall be fabricated of 3/16" aluminum and shall be mounted in a channel on each end for adjustability. The divider shall have a maintenance free abraded finish.

Option ID:002205 QTY:1

Crosslay Cover, Hinged Bi-Fold Tread Plate

CROSSLAY COVER

A bi-fold aluminum non-slip tread plate cover shall be installed on the crosslay hose bed. The cover shall not interfere with hose loading when in the open position. When in the open position the cover shall remain open due to automatically engaging mechanisms that require no type of latch operation to engage or release. The cover shall be provided with two full length stainless steel piano style hinges that shall attach the cover to the body and allow it to bi-fold. The cover shall be light yet rigid. Opening the cover may be performed by one person on one side of the apparatus. The cover shall be rigid enough to support weight without deformation.

Shop Note: Need to be able to open the crosslay cover without lowering the ladder rack

Option ID:910650 QTY:1

Crosslay End Covers, Incorporated with the Top Cover

END COVERS

The end covers of the crosslays shall be incorporated with the top cover.

Shop Note: C-Rail Top and Footman Loop/J-hook on bottom. Color of end flaps is blue.

Option ID:910701 QTY:1

Pre-connect, Crosslay/Speedlay, 1-1/2", NST

1-1/2" PRE-CONNECT

A 1-1/2" pre-connect with 2" plumbing shall be provided. The pre-connect shall terminate out a swivel male NST threads.

Shop Note: The crosslay shall NOT have any auto drains, they will be manual.

Option ID:910654 QTY:1

Crosslay Load, 200' of 1-3/4" Hose, Single Stack

The 1-1/2" crosslay pre-connect shall have a capacity of 200' of 1-3/4" double jacket fire hose stored in a single stack.

Option ID:910534 QTY:1

Foam Capable Discharge

The discharge shall be foam capable.

Option ID:100653 QTY:1

Valve, 2", Akron, Manual, 8820, Stainless Ball, Innovative Controls Push Pull Controller

An Akron Brass, model 8820, 2" Swing-Out valve shall be provided. The valve shall have

an all brass body with flow optimizing stainless steel ball and dual polymer seats. The valve shall be capable of dual directional flow while incorporating a specially designed flow optimizing stainless steel ball. The valve shall not require lubrication of seats or any other internal waterway parts and must be capable of swinging out of the waterway for maintenance by the removal of six bolts. The valve shall be manufactured and assembled in the United States. The valve shall carry a ten (10) year warranty by the valve manufacturer.

The valve shall be actuated by a manual actuator installed on the valve. The manual actuator shall be controlled by an Innovative Controls push/pull T- handle.

Option ID:005849 QTY:1

Pressure Gauge, 2-1/2", Thuemling, Liquid Filled - psi 0-400

The discharge shall have a 2-1/2" gauge with a display range from 0 to 400 psi.

Option ID:910526 QTY:1

Preconnect Discharge

The discharge shall be designated as a pre-connect so no cap and chain shall be required.

Option ID:910701 QTY:1

Pre-connect, Crosslay/Speedlay, 1-1/2", NST

1-1/2" PRE-CONNECT

A 1-1/2" pre-connect with 2" plumbing shall be provided. The pre-connect shall terminate out a swivel male NST threads.

Shop Note: The crosslay shall NOT have any auto drains, they will be manual.

Option ID:910654 QTY:1

Crosslay Load, 200' of 1-3/4" Hose, Single Stack

The 1-1/2" crosslay pre-connect shall have a capacity of 200' of 1-3/4" double jacket fire hose stored in a single stack.

Option ID:910534 QTY:1

Foam Capable Discharge

The discharge shall be foam capable.

Option ID:100653 QTY:1

Valve, 2", Akron, Manual, 8820, Stainless Ball, Innovative Controls Push Pull Controller

An Akron Brass, model 8820, 2" Swing-Out valve shall be provided. The valve shall have an all brass body with flow optimizing stainless steel ball and dual polymer seats. The valve shall be capable of dual directional flow while incorporating a specially designed flow optimizing stainless steel ball. The valve shall not require lubrication of seats or any

other internal waterway parts and must be capable of swinging out of the waterway for maintenance by the removal of six bolts. The valve shall be manufactured and assembled in the United States. The valve shall carry a ten (10) year warranty by the valve manufacturer.

The valve shall be actuated by a manual actuator installed on the valve. The manual actuator shall be controlled by an Innovative Controls push/pull T- handle.

Option ID:005849 QTY:1

Pressure Gauge, 2-1/2", Thuemling, Liquid Filled - psi 0-400

The discharge shall have a 2-1/2" gauge with a display range from 0 to 400 psi.

Option ID:910526 QTY:1

Preconnect Discharge

The discharge shall be designated as a pre-connect so no cap and chain shall be required.

Option ID:100768 QTY:1

Booster Reel, Hannay, Aluminum, Polished, Electric Rewind, 200' of 1" Hose Capacity

BOOSTER REEL

A Hannay aluminum fabricated electric rewind booster reel, with a capacity of 200' of 1" booster hose, shall be installed on the apparatus. The booster reel shall have a polished finish and shall not be painted. An automatic brake and an auxiliary manual rewind crank shall be supplied. One (1) set of rollers shall be provided. One (1) set of rollers shall be installed.

Option ID:910703 QTY:1

Booster Reel Location, Dunnage, Above the Pump

The booster reel shall be mounted above the pump in the dunnage compartment.

Option ID:910534 QTY:1

Foam Capable Discharge

The discharge shall be foam capable.

Option ID:100648 QTY:1

Valve, 1-1/2", Akron, Manual, 8815, Stainless Ball, Innovative Controls Push Pull Controller

An Akron Brass, model 8815 1-1/2" Swing-Out valve shall be provided. The valve shall have an all brass body with flow optimizing stainless steel ball and dual polymer seats.

The valve shall be capable of dual directional flow while incorporating a specially designed flow optimizing stainless steel ball. The valve shall not require lubrication of

seats or any other internal waterway parts and must be capable of swinging out of the waterway for maintenance by the removal of six bolts. The valve shall be manufactured and assembled in the United States. The valve shall carry a ten (10) year warranty by the valve manufacturer.

The valve shall be actuated by a manual actuator installed on the valve. The manual actuator shall be controlled by an Innovative Controls push/pull T- handle.

Option ID:100809 QTY:1

Booster Hose, 1", 800 lb Test, 200', (2) 100' Sections

BOOSTER HOSE

Two (2) sections of 100' x 1" of 800 lb. test booster hose coupled with 1" NH thread pyrolite couplings shall be installed on the booster reel.

Option ID:UPOxxxxxxx QTY:1

Rewind Switches, Booster Reel, Foot Switch Below Forward Corner of L1

One (1) rubber covered push button switch shall be installed on the driver's side pump panel and one (1) foot switch shall be located below the forward corner of the L1 compartment for the rewind control of the booster reel.

Option ID:000192 QTY:1

Roller Assembly, Additional, Booster Reel, Above Dunnage

The booster reel shall be equipped with one (1) additional set of hose guide rollers.

Shop Note: Booster reel will be mounted with roller on the top vertical of the outside corner of L-1. Additional set above body officer side.

Option ID:004616 QTY:1

Nozzle Clip, Booster Reel

NOZZLE CLIP

An Elkhart Brass nozzle clip, designed to hold either a round or elliptical shape with dimensions of 1-1/2" to 1-3/4", shall be provided.

Shop Note: Location same as S4478

Option ID:100512 QTY:1

Deluge, Center, 3", NPT (375 GPM NFPA Rated)

3" DELUGE RISER DISCHARGE

A 3" discharge for the deluge shall be located above the pump module. The discharge shall be centered in the pump module and the riser shall terminate 3" NPT.

Option ID:101341 QTY:1

Valve, 3", Akron, Electric, 8630, Stainless Ball, 9333 Navigator Pro Controller (Valve Only)

An Akron Brass, model 8630, 3" Swing-Out valve shall be provided. The valve shall have an all brass body with flow optimizing stainless steel ball and dual polymer seats. The valve shall be capable of dual directional flow while incorporating a specially designed flow optimizing stainless steel ball. The valve shall not require lubrication of seats or any other internal waterway parts, and must be capable of swinging out of the waterway for maintenance by the removal of six bolts. The valve shall be manufactured and assembled in the United States. The valve shall carry a ten (10) year warranty by the valve manufacturer.

The valve shall be actuated by an Akron Brass electric actuator installed on the valve. The electric actuator shall have a 16:1 gear ratio, which actuates from fully open to fully closed in five (5) seconds, a clutchless motor, and utilize an electric controller with current limiting design.

The electric actuator shall be controlled by an Akron Brass, model 9333, Navigator Pro electric valve controller. The electric controls shall be of true position feedback design, requiring no clutches in the motor or current limiting. The unit shall be completely sealed with momentary open, close as well as an optional one (1) touch full open feature to operate the actuator. Two (2) additional buttons shall be available to be used for preset selection, preset activation and menu navigation. The controller shall have up to three (3) preset locations that can be user set and easily recalled upon each use. The unit shall be capable of being used in conjunction with at least two (2) additional displays to control one (1) valve. The unit shall provide position indication through a full color backlit LCD display. The display shall be a full color LCD display with a backlight. It shall have manual adjustment of the brightness as well as an auto-dimming option. The unit shall carry a five (5) year warranty.

Option ID:005849 QTY:1

Pressure Gauge, 2-1/2", Thuemling, Liquid Filled - psi 0-400

The discharge shall have a 2-1/2" gauge with a display range from 0 to 400 psi.

Option ID:110321 QTY:1

Deck Gun, Manual, Akron Apollo 3423, 3" NH Inlet, Dual Inlet Ground Base, NH Inlet Thread

DECK GUN

One (1) Akron Brass Apollo, model 3423, manual monitor with two (2) 2.5" NH clappered swiveled inlets shall be provided on the apparatus. The base shall have folding legs with no locking mechanism required to keep legs in place. The monitor shall have handwheel elevation control from 90° above to 15° below horizontal with an elevation safety stop at 35° above horizontal; 360° continuous rotation in the deck mode flowing 1250 GPM and 180° in the portable mode flowing 800 GPM; horizontal locking mechanism and stops to prevent accidental over rotation; a full 3" waterway with cast-in turning vanes in each elbow and a 3" NH Inlet. The riser for the deck gun shall terminate 3" NH. The monitor shall also include a pressure gauge, carry handle, grease fittings, safety chain, carbide

tip ground spikes and Pyrolite construction. Deck height not to exceed 12", base weight: 32 lbs., liftoff weight: 23 lbs.

Option ID:112013 QTY:1

Monitor Color, Akron Red, Powder Coat, AkzoNobel Interpon PG000QF, No Texture

MONITOR COLOR

The monitor shall be powder-coated Akron Red, AkzoNobel Interpon PG000QF, by the monitor manufacturer and shall not be repainted by the OEM.

Option ID:002589 QTY:1

Stacked Tips (Quad) and Stream Shaper, Akron, 2499, 3488 (2-1/2" NH Inlets)

One (1) Akron Brass, model 3488, stream shaper shall be provided. The shaper shall be constructed of Pyrolite, have a 2-1/2" NH rocker lug female inlet, a 2-1/2" NH male outlet, full-length extruded vanes for stream shaping, and shall not exceed 10-1/2" in length, or 2-1/2 lbs. in weight.

One (1) set of Akron Brass, model 2499, quad stacked tips shall be provided. The tips shall be constructed of Pyrolite, have a 2-1/2" NH slotted female inlet, machined protection rings on the discharge ends, 2", 1-3/4", 1-1/2", and 1-3/8" recessed orifices for protection. The tips shall not exceed 16-7/8" in length or 2-7/8 lbs. in weight.

Option ID:UPOxxxxxxx QTY:1

Nozzle, Manual, Akron Akromatic 1250 GPM, 5160, 2-1/2" NH

NOZZLE

An Akron Brass, model 5160, Akromatic combination fog and straight stream master stream nozzle shall be provided. The nozzle shall be equipped with an automatic flow mechanism that provides a flow range of 250 to 1250 GPM at 80 PSI. The nozzle shall be constructed of durable, lightweight Pyrolite and shall have manual pattern selection from straight stream to wide fog with a large, rubber-like pattern control ring for easier pattern change and extra protection, built-in stream shaper, and a 2-1/2" NH thread swivel base.

Option ID:Discharge Labels QTY:1

Discharge Labels - See label order form (required)

See label order form (required)

Option ID:000398 QTY:1

Auxiliary Pump, Waterous, E511-C

AUXILIARY FIRE PUMP

A Waterous model E511-C diesel driven auxiliary fire pump shall be provided. The pump shall have a minimum rated capacity of 200 GPM at 100 PSI. The pump volute body and

head shall be constructed of high strength aluminum alloy, anodized for superior corrosion resistance. The impeller shall be a high strength corrosion resistant bronze, fully enclosed, double-hub to balance hydraulic thrust, and mechanically balanced to eliminate vibration. The pump wear rings shall be long-wearing bronze and be easy to replace when required for restoring original pump efficiency. The pump drive shaft shall be high strength stainless steel and the shaft seal shall be a spring loaded mechanical type. The pump gear case shall include a speed increaser utilizing high strength aluminum alloy case with helical cut, hardened steel gears and antifriction bearings throughout.

The auxiliary pump engine shall be a Kubota, Model D902-E3B, Super Mini-Series inline 3-cylinder, water-cooled overhead valve (OHV) design diesel engine. The engine shall be capable of delivering a maximum output of 24.8 hp at 3600 RPM, with 54.8 cu.in. (898 cc) displacement. The engine shall be supplied with a 12-volt electric starter. A 12-14 volt, 40-amp alternator shall be installed on the engine. A pressure feed oil system with a spin on filter, shall lubricate the engine.

Option ID:007391 QTY:1

Anode, Additional, (1) OEM Supplied on Discharge Side of Pump

ALLOY ANODE

One (1) additional OEM supplied alloy anode shall be installed in the discharge manifold of the auxiliary fire pump. The anode shall aid in preventing galvanic corrosion within the water pump and shall be easily replaceable.

Option ID:910710 QTY:1

Auxiliary Pump Location, Inside the Pump Module

The auxiliary pump shall be located inside the pump compartment of the apparatus.

Shop Note: Inside Pump Module Officer Side, same as S4478.

Option ID:910714 QTY:1

Plumbed To, In Common with Main Pump

The auxiliary pump shall be plumbed in common with the midship pump for pump and roll applications. The pump shall have a 2" female NH discharge that is plumbed directly into the suction side of the main pump. A check valve shall be provided in this line to keep the main pump from pressurizing the auxiliary pump.

Option ID:100653 QTY:1

Valve, 2", Akron, Manual, 8820, Stainless Ball, Innovative Controls Push Pull Controller

An Akron Brass, model 8820, 2" Swing-Out valve shall be provided. The valve shall have an all brass body with flow optimizing stainless steel ball and dual polymer seats. The valve shall be capable of dual directional flow while incorporating a specially designed flow optimizing stainless steel ball. The valve shall not require lubrication of seats or any other internal waterway parts and must be capable of swinging out of the waterway for maintenance by the removal of six bolts. The valve shall be manufactured and

assembled in the United States. The valve shall carry a ten (10) year warranty by the valve manufacturer.

The valve shall be actuated by a manual actuator installed on the valve. The manual actuator shall be controlled by an Innovative Controls push/pull T- handle.

Option ID:100310 QTY:1

Tank to Pump, 3", Akron 8800 3" Manual Valve, IC Push-Pull Handle

3" TANK-TO-PUMP

A 3" tank-to-pump shall be plumbed with a flexible hose from the tank to the suction side of the pump. An Akron Brass, model 8830, 3" Swing-Out valve shall be provided. The valve shall have an all brass body with flow optimizing stainless steel ball and dual polymer seats. The valve shall be capable of dual directional flow while incorporating a self-locking ball feature using an automatic friction lock design and specially designed flow optimizing stainless steel ball. The valve shall not require lubrication of seats or any other internal waterway parts and must be capable of swinging out of the waterway for maintenance by the removal of six bolts. The valve shall also include a necessary B3-SH pump flange adapter, which shall be specifically used for the tank-to-pump line to properly adjust the plumbing based on the pitch of the pump. The valve shall carry a ten (10) year warranty by the valve manufacturer.

A check valve shall be between the pump suction and the booster tank valve. The check valve shall eliminate back flow into the water tank when the pump is connected to a pressurized source.

The valve shall be actuated by a manual actuator. The manual actuator shall be controlled by an Innovative Controls push/pull T-handle.

Shop Note: Valve in the Open Position when handle flush to panel and label

Option ID:008111 QTY:1

Instrument Panel and Throttle, at Pump Panel, Waterous E511

CONTROLS ON THE PUMP PANEL

An instrument panel for the auxiliary pump shall be located on the main pump panel. The instrument panel shall be provided with the auxiliary pump and installed by the apparatus manufacturer. The instrument panel shall contain pump vacuum/pressure gauges, start switch, emergency stop button, and a municipal panel (electronic display). The auxiliary pump municipal panel shall include:

- Control Arrows for panel setting adjustment and throttle acceleration/deceleration
- 'Menu' Button for panel settings and functionality
- 'Enter' Button to adjust setting

Shop Note: Up and down throttle control to be provided. Gauge is included in the control panel.

Option ID:005849 QTY:1

Pressure Gauge, 2-1/2", Thuemling, Liquid Filled - psi 0-400

The discharge shall have a 2-1/2" gauge with a display range from 0 to 400 psi.

Option ID:110353 QTY:1

OBSOLETEPriming System, Trident RPV (31.001.12)

The priming pump shall be a Trident Emergency Products three-barrel compressed air powered, high efficiency, multi-stage, venturi based AirPrime System. All wetted metallic parts of the priming system are to be of brass and stainless steel construction. A single panel-mounted control shall activate the priming pump and open the priming valve to the pump. The priming system shall have a five (5) year warranty.

Option ID:110354 QTY:1

Cooling Line, 1/2"

COOLING LINE

A 1/2" pump cooler line shall be installed from the discharge side of the pump to the water tank with a check valve. The line shall be used to cool the pump during long periods of pumping when water is not being discharged.

Option ID:110356 QTY:1

In-Cab Instrument Panel, Start/Stop, Throttle, OEM Supplied/Installed

CHASSIS CAB AUXILIARY PUMP CONTROLS

A control panel shall be provided in the chassis cab for the auxiliary pump. The controls shall be labeled for easy identification. Red warning lights shall be contained in a separate red area of the control panel for ease of reference. The auxiliary pump control panel shall include:

- Momentary switch for throttle acceleration and deceleration
- On/Off/Start switch
- Green auxiliary pump engine running light

Option ID:005849 QTY:1

Pressure Gauge, 2-1/2", Thuemling, Liquid Filled - psi 0-400

The discharge shall have a 2-1/2" gauge with a display range from 0 to 400 psi.

Option ID:110357 QTY:1

Primer in Cab, Trident

The primer shall have its own push button remote control activation located inside the chassis cab.

Option ID:UPOxxxxxxx QTY:1

Additional OEM Supplied Anode on Discharge Side, Engine Oil Drain Extension Kit

ALLOY ANODE

There shall be one (1) additional OEM supplied alloy anode provided with the auxiliary fire pump. The anode shall aid in preventing galvanic corrosion within the water pump and be easily replaceable. The anodes shall be installed as follows:

- One (1) in the discharge manifold of the fire pump.

ENGINE OIL DRAIN EXTENSION

The engine oil reservoir shall be equipped with a remote drain and valve below the chassis frame rails

Option ID:002955 QTY:1

Electrical System, Pumper, Weldon V-MUX Multiplex, QL-12 Harnesses, Sealed Switches

ELECTRICAL SYSTEM

Wiring harnesses shall be the automotive type, engineered specifically for the builder's apparatus, and shall meet the following criteria. Under no circumstances shall diodes, resistors, or fusible links be located within the wiring harness. All such components shall be located in an easy to access wiring junction box or the main circuit breaker area. All wire shall meet white book, baseline advanced design transit coach specification and Society of Automotive Engineers recommended practices. It shall be stranded copper wire core with cross-linked polyethylene insulation complying with SAE specification J1128. Each wire shall be hot stamp function coded every three inches starting one inch from the end and continuing throughout the entire harness. In addition to function coding, each wire shall be numbered, colored, and gauge coded.

Wire harnesses shall be protected by 275 degree Fahrenheit minimum high temperature flame retardant loom. All nodes and sealed Deutsch connectors shall be waterproof.

Harnesses shall be modular in design; main harness system subdivided into several smaller sub-harnesses. The harness subsections shall be connected using Deutsch branded, heavy duty, environmentally sealed, connectors with silicone seals and a rear insertion/removal contact system. For isolation of electrical "zones" the harness subsections shall consist of a main harness, a pump harness with a separate pump gauge panel harness, a left body harness with a separate left compartment harness, a right body harness with a separate right compartment harness, and a rear body harness with two separate rear compartment harnesses.

The main harness and three body harnesses shall interconnect at a central, easy to reach location and their connectors shall not be obstructed by other harnesses or fuel/air lines. In addition, the main and body harness connectors shall be color-coded for ease of identification with their respective colors noted on the accompanying electrical diagrams.

Where connectors are not provided by the electrical component manufacturer, all 12-volt lights and other electrical components (excluding rocker and toggle switches) shall connect to the harnesses using Deutsch brand connectors; butt connectors are considered unacceptable.

All Deutsch connectors shall meet the following criteria:

- All connectors shall be rated for three feet submersion in water.
- Temperature range from -67°F to 257°F continuous at rated current.
- All contacts shall be soldered unless a crimping tool or machine is used that gives an even and precise pressure for the terminal being used.
- All contacts shall be pull-tested to ensure their integrity.

WEATHERPROOF DOOR SWITCHES

Because of the harsh environment and susceptibility to moisture on the fire ground, the fire apparatus compartment doors shall utilize weatherproof switches. No Exceptions.

The switches shall be used for activation of the compartment lights and to provide a signal to the door open circuit in the cab.

V-MUX ELECTRICAL MANAGEMENT SYSTEM

The apparatus shall be equipped with a V-MUX Multiplex System. There are several key benefits to multiplexing, one is to reduce the amount of connections in a vehicle's electrical system, because of this it is important to limit the number of modules that control certain functions of the vehicle.

Outputs:

The outputs shall perform all the following items without added modules to perform any of the tasks:

- **Load Shedding:** The System shall have the capability to Load Shed with 8 levels any output. This means you can specify which outputs (barring NFPA restrictions) you would like Load Shed. Level 1 - 12.9v, Level 2 - 12.5V, Level 3 - 12.1V, Level 4 - 11.7V, Level 5 - 11.3V, Level 6 - 10.9V, Level 7 - 10.5, Level 8 - 10.1. Unlike conventional load shedding devices you can assign a level to any or all outputs. No add-on modules shall be acceptable; the module with the outputs must perform this function.
- **Load Sequencing:** The System shall be able to sequence from 0 8 levels any output. With 0 being no delay and 1 being a 1-second delay, 2 being a 2-second delay and so on. Sequencing reduces the amount of voltage spikes and drops on your vehicle and can help limit damage to your charging system. No add-on modules shall be acceptable; the module with the outputs must perform this function.
- **Output Device:** The System shall have solid-state output devices. Each solid-state output shall be a MOS-FET (Metal Oxide Semiconductor - Field Effect Transistors); MOS-FETs are solid-state devices with no moving parts to wear out. A typical relay, when loaded to spec, has a life of 100,000 cycles. The life of a FET is more than 100 times that of a relay. No add-on modules shall be acceptable; the module with the outputs must perform this function.
- **Flashing Outputs:** The System shall be able to flash any output in either A or B phase, and logic is used to shut down needed outputs in park or any one of several combined interlocks. The flash rate can be selected at either 80, or 160 FPM. This means any light can be specified with a multiplex truck with no need to add flashers. Flashing outputs can also be used to warn of problems. No add-on modules shall be acceptable; the module with the outputs must perform this function.
- **PWM:** The modules shall have the ability to PWM at some outputs so that a Headlight PWM module is not needed. No add-on modules shall be acceptable; the module with the outputs must perform this function.
- **Diagnostics:** An output shall be able to detect either a short or open circuit.

Inputs:

The inputs shall have the ability to be switched by a ground or battery signal.

The inputs shall be filtered for noise suppression via hardware and software so that RF or dirty power will not trick an input into changing its status.

System Network:

The Multiplex system shall contain a Peer-to-Peer network. A Master-Slave Type network is not suitable for the Fire/Rescue industry. A Peer-to-Peer network means that all the modules are equal on the network; a Master is not needed to tell other nodes when to talk.

System Reliability:

The Multiplex system shall be able to perform in extreme temperature conditions, from -40° to +85° C (-40° to +185° F.) The system shall be sealed against the environment, moisture, humidity, salt or fluids such as diesel fuel, motor oil or brake fluid. The enclosures shall be rugged to withstand being mounted in various locations or compartments around the vehicle. The modules shall be protected from over voltage and reverse polarity.

Option ID:911058 QTY:1
Electrical System Test, 12 Volt

12-VOLT SYSTEMS TEST

After completion of the unit, the 12-volt electrical system shall undergo a battery of tests as listed in NFPA 1901. These tests shall include, but not be limited to:

- Reserve capacity test
- Alternator performance test at idle
- Alternator performance test at full load
- Low voltage alarm test

Certification of the results shall be supplied with the apparatus at the time of delivery.

Option ID:002849 QTY:1

Tail Lights, LED, Whelen, 600 Series, Stop-Tail (Combination) (604BTT)/Turn (604T)/Backup (604BU)/Warning, 4-Light Vertical Casting

TAIL LIGHTS

A Whelen 600 series LED tail light assembly shall be installed on each side of the rear of the apparatus. Each assembly shall include the following:

- One (1) red LED stop/tail combination light
- One (1) amber LED turn light with arrow
- One (1) clear LED backup light

The lights shall be mounted in a chrome plated four (4) light composite housing. The remaining slot in the housing shall be populated with a warning light specified in the warning light section.

Option ID:002192 QTY:1

Switch, Rear Work Light, At Rear/Reverse

REAR WORK LIGHT SWITCH

A switch shall be installed above the tail light bezel on the left side of the rear of the apparatus. The switch shall be wired to the backup lights to provide additional work lighting. The rear work light circuit shall be deactivated when the park brake is disengaged. In addition to the lights being activated by the above switch, the lights shall also come on when the transmission is placed in reverse.

Option ID:008730 QTY:1

Turn Signals, (2) in Rub Rail, LED, Truck-Lite, Model 21

MIDSHIP TURN SIGNALS

Two (2) Truck-Lite model 21 LED midship auxiliary/turn signal lights shall be installed in the rub rail, one (1) on each side of the body.

Option ID:110367 QTY:1

Ground Lights, LED, Truck-Lite Model 44, Activation by Park Brake and Reverse

PERIMETER GROUND LIGHTING

Truck-Lite 4" round LED lights shall be installed beneath the apparatus in areas where personnel may be expected to climb on and off the apparatus. The lights shall illuminate the ground within 30" of the apparatus to provide visibility of any obstructions or hazards. These areas shall include, but not be limited to, side running boards and the rear step area.

The lights shall be activated when the parking brake is engaged or when the transmission is placed in reverse.

Option ID:006261 QTY:1

Clearance Lights, LED, Grote (65282), Red, Pumper

CLEARANCE LIGHTS

Grote red LED clearance lights shall be installed in the outside corners and rear middle portion of the rear tailboard. Clearance reflectors shall be placed on the apparatus to be in full compliance with applicable ICC and DOT codes and regulations.

Option ID:101094 QTY:1

Search Light, Golight 20204GT, LED, Permanent Mount, Remote Control (2)

SEARCHLIGHT

One (1) Golight, model 20204GT, permanent mount 410,000 candle power searchlight with a weather resistant LED lamp shall be installed on the apparatus. The Golight shall be capable of 370° rotation and 135° tilt.

The light shall be equipped with two (2) hard-wired remote controls located in the chassis cab.

Option ID:004882 QTY:1

Camera System, Back-Up, Chassis Supplied, OEM Installed

CHASSIS SUPPLIED BACK UP CAMERA SYSTEM

A backup camera system shall be installed in the cab with the chassis. The camera shall be installed on the rear center upper portion of the apparatus.

Option ID:UPOxxxxxxx QTY:1

Intercom, Emergency Radio Switcher, Sigtronics, SRS-4

SRS-4 AM/FM RADIO SWITCHING UNIT

There shall be a Sigtronics, SRS-4, Emergency Radio Switcher supplied and installed. This shall allow for the AM/FM radio to be heard whenever the intercom or the mobile radio communications are not occurring.

Option ID:UPOxxxxxxx QTY:1

Intercom System, Sigtronics US67D, 6 Cab Position, Wired Driver/Officer (SE-8), 4 Wired Crew (SE-8)

SIGTRONICS INTERCOM SYSTEM

A Sigtronics model US-67D intercom system shall be provided on the apparatus. The system shall be a voice activated system and have the capability of interfacing with a mobile radio. The mobile radio-transmit shall be accomplished by way of the headset microphone and a push-to-talk switch. The model US-45S intercom shall accept up to four headsets, two positions can have radio transmit capability. The intercom control head shall be located in the optimal position by the apparatus manufacturer unless a specific location is clarified in the shop note. The system shall carry a two (2) year parts and labor warranty from the intercom manufacturer.

CAB POSITIONS

The Sigtronics intercom system shall accommodate one (1) wired driver position, one (1) wired officer position, and four (4) wired crew positions in the chassis cab.

Six (6) Sigtronics, model 800120, headset plug-in module shall be installed, one (1) for each wired position. Each module shall be designed for interior mounting and shall accommodate a Sigtronics single plug headset. The exact location shall be determined by the apparatus manufacturer unless a specific location is clarified in the shop note.

Two (2) Sigtronics, model SE-8, under the helmet, radio transmit headset shall be provided, one (1) each for the driver and officer. Each headset shall include, volume control, a noise-canceling microphone, adjustable head strap, flex boom microphone that rotates 180 degrees, and high impact ABS plastic earcups. One (1) Sigtronics, model 800122, push-to-talk switch shall be provided in each position. The switch shall allow for mobile radio transmission through the Sigtronics intercom system with the use of a Sigtronics headset.

Four (4) Sigtronics, model SE-8, under the helmet, radio transmit headset shall be provided, one (1) each for the crew positions. Each headset shall include, volume control, a noise-canceling microphone, adjustable head strap, flex boom microphone that rotates 180 degrees, and high impact ABS plastic earcups.

Each headset shall be complete with a hanger to hold the headset when not in use. The driver's and officer's hangers shall be mounted inboard of each position, and all hangers shall be located in the optimal position based on cab and seat configuration by the apparatus manufacturer unless a specific location is clarified in the shop note.

Option ID:100060 QTY:1

Additional Intercom Position, (1) Pump Panel, Sigtronics US67S, Headset Extension Cable

PUMP PANEL POSITION

The Sigtronics intercom system shall accommodate one (1) position at the pump operator's panel. One (1) headset plug-in module shall be located at the pump operator's panel and one (1) headset extension cable shall be provided.

Option ID:100061 QTY:1

Additional Intercom Position, (1) Rear Body, Driver's Side, Sigtronics US67S, Headset Extension Cable

REAR OF APPARATUS POSITION

The Sigtronics intercom system shall accommodate one (1) position at the driver's side rear body area of the apparatus. One (1) headset plug-in module shall be located at the rear of the body and one (1) headset extension cable shall be provided.

Option ID:UPOxxxxxxx QTY:1

Radio Interface Cables, (2), Sigtronics, Kenwood

RADIO INTERFACE

Two (2) Sigtronics mobile radio interface Y adapter shall be supplied. The Y adapter shall allow the mobile radio systems hand microphone to be plugged into the Sigtronics intercom system.

The radio interface cable drop shall be routed to the general area of the termination of the radio antenna(s) or center dash if no antenna are required.

Option ID:911317 QTY:1

Upper Zone A, Chassis Supplied and Installed

UPPER ZONE A

The upper zone A warning lights shall be supplied and installed by the chassis manufacturer.

Option ID:110406 QTY:1

Upper Zone C, Rotating Beacons (2), Whelen, RB6

UPPER ZONE C

Two (2) Whelen RB6 Series rotating beacons shall be installed in Upper Zone C, high at the rear of the apparatus. The 130 FPM single reflector halogen beacons shall incorporate one 12V/60W snap-in halogen lamp, metalized reflector, and a non-optic hard coated polycarbonate lens. The hard coated lens shall provide extended life/luster protection against UV and chemical stresses. The beacons motorized assembly shall include a double roller ball bearing design and motor/worm assembly that produces minimal friction and reduced noise. The beacon dome lenses shall be sealed to a non-corroding base with an "O" ring gasket and clamp ring assembly. The solid state halogen beacon lights shall be vibration resistant.

Option ID:Upper Zone C Light/Lens Color QTY:1

Light/Lens Color - Red LED with Clear Lens Left and Amber LED with Clear Lens Right

Red LED with Clear Lens Left and Amber LED with Clear Lens Right

Option ID:111217 QTY:1

Lower Zone Warning Lights (6 OEM Provided), A (0), B (2), C (2), D (2), Whelen, LED, 600 Series

LOWER ZONE WARNING LIGHT PACKAGE

Six (6) Whelen 600 Series Super-LED lights with chrome-plated flanges shall be installed in the lower zone of the apparatus to be in accordance with NFPA 1901, current edition compliance. The hard coated lens shall provide extended life/luster protection against UV and chemical stresses. The conformal coated PC board and sealed lens/reflector assembly shall provide additional protection against environmental elements. The solid state warning lights shall be vibration resistant.

Option ID:Lower Zone Light/Lens Color **QTY:**1

Light/Lens Color - The lower zone warning lights shall all have Red LED's and Clear lenses.

The lower zone warning lights shall all have Red LED's and Clear lenses.

Option ID:110545 **QTY:**1

Traffic Advisor, Whelen, 8-Light, (Individual) TIR3 LED, RSA03ZCR, TACTL5 Controller

TRAFFIC ADVISOR

There shall be one (1) Whelen Traffic Advisor installed on the apparatus. The traffic directional light shall consist of eight (8) Whelen, model RSA03ZCR, Super LED lights installed individually. Each light shall have amber LED's and a clear lens.

There shall be a Whelen, model TACTL5 traffic advisor control head provided with the Traffic Advisor. The control head shall be housed in a rugged extruded aluminum case and shall offer four (4) programmable sequence flash patterns.

Option ID:110556 **QTY:**1

Traffic Directional Light Location, Hose Bed Doors, Recess Mounted

The traffic directional light shall be recess mounted in the rear of the hose bed doors.

Option ID:000890 **QTY:**1

Air Horn Activation, Push Button on Pump Panel, Driver's Side

AIR HORN ACTIVATION

One (1) air horn button shall be provided on the driver's side pump panel. The button shall be red in color and include a label reading "AIR HORN".

Option ID:110631 **QTY:**1

Scene Lights, Pair, 12V, Whelen, Surface Mount, LED 900 Series Gradient Opti-Scene

WHELEN 12V SURFACE-MOUNT SCENE LIGHTS

Two (2) Whelen 900 Series Super-LED, model 9SC0ENZR, lights shall be installed on the apparatus. Each steady burn scene light shall incorporate twenty-four clear Super-LEDs, a clear gradient-optic hard coated polycarbonate lens, and utilize a metal reflector for maximum output. The hard coated lens shall provide extended life/luster protection against UV and chemical stresses. Each light's conformal coated PC board and sealed lens/reflector assembly shall provide additional protection against environmental elements. Each solid state scene light shall be vibration resistant. Each light is certified to meet KKK 1822F requirements and AMD 024 standards. An installation kit including mounting hardware and rubber gasket shall be provided for surface mounting. The scene lights are covered by a five-year factory warranty.

Option ID:910851 QTY:1

Lighting Location, Rear Face of Body, Both Sides

The two (2) lights shall be installed on the rear face of the body, one (1) on each side.

Option ID:000869 QTY:1

Lighting Activation, In Cab and On Pump Panel, 'REAR SCENE', Rocker Switches

The rear scene light(s) shall be controlled by one (1) switch located in the chassis cab and one (1) located at the pump panel. Each switch shall have an indicator that shall illuminate when the switch is in the "ON" position. The light(s) shall be controlled by one (1) switch at each location. Each switch shall be labeled "REAR SCENE."

Option ID:110602 QTY:1

Scene Lights (2), 12V, FRC, Telescoping Side Mount Push-Up, LED Spectra 20,000 Lumen, Model SPA530-Q20

FIRE RESEARCH 12V TELESCOPING SCENE LIGHTS

Two (2) Fire Research Spectra LED series, model SPA530-Q20, side mount push up telescopic lights shall be installed on the apparatus. Each light pole shall be anodized aluminum and have a knurled twist lock mechanism to secure the extension pole in position. Each extension pole shall rotate 360 degrees. Each outer pole shall be a grooved aluminum extrusion and qualify as an NFPA compliant handrail when used with the steady rest/cradle option. Each pole shall have offset mounting brackets. Wiring shall extend from each pole bottom with a 4' retractile cord.

Each lamphead shall have eighty-four (84) ultra-bright white LEDs, 72 for flood lighting and 12 to provide a spot light beam pattern. They shall each operate at 12/24 volts DC, draw 18/9 amps, and generate 20,000 lumens of light. Each lamphead shall have a unique lens that directs flood lighting onto the work area and focuses the spot light beam into the distance. Each lamphead angle of elevation shall be adjustable at a pivot in the mounting arm and the position locked with a round knurled locking knob. Each lamphead shall be no more than 5 3/8" high by 14" wide by 3 3/4" deep and have a heat resistant handle. The lampheads and mounting arms shall be powder coated. The LED scene lights shall be for fire service use.

Option ID:110832 QTY:1

Lighting Location, On Rear Face of Custom Chassis, Both Sides

The lights shall be located on the rear of the chassis cab, one (1) on each side. A stainless steel guard shall be installed on the chassis behind the light heads to protect the paint.

Option ID:110848 QTY:1

Lighting Activation, Pair, In Cab and On Pump Panel, 'LEFT SCENE' and 'RIGHT SCENE', Rocker Switches

The driver's side and officer's side scene light(s) shall each be controlled by a rocker switch located in the chassis cab, for a total of two (2). There shall also be one (1) switch located on the pump panel for each side of scene lights, for a total of two (2). The switch at the pump panel shall have an indicator that shall illuminate when the switch is in the "ON" position.

The activation for the driver's side scene lights in the cab and the pump panel switch shall be labeled "LEFT SCENE" and the officer's side shall be labeled "RIGHT SCENE."

Option ID:900717 QTY:1

Chassis Paint, Chassis Manufacturer Painted, Single Tone

CHASSIS PAINT

The single tone chassis cab shall be painted by the chassis manufacturer.

Option ID:009171 QTY:1

Body Paint, Single Tone, Pumper, Aluminum Material

BODY PAINT PREPARATION

The apparatus body and components shall be metal finished as follows to provide a superior substrate for painting:

- All aluminum sections of the body shall undergo a thorough cleaning process, starting with a phosphoric acid solution to begin the etching process, followed by a complete rinse. The next step shall consist of a chemical conversion coating applied to seal the metal substrate and become part of the aluminum surface for greater film adhesion.
- After the cleaning process, the body and its components shall be primed with a high solids primer and the seams shall be caulked.
- All bright metal fittings, if unavailable in stainless steel or polished aluminum, shall be heavily chrome plated. Iron fittings shall be copper underplated prior to chrome plating.

PAINT PROCESS

The paint process shall follow the strict standards as set forth by AkzoNobel Guidelines.

The body shall go through a three-stage paint process: primer coat, base coat (color), and clear coat. In the first stage of the paint process, the body shall be coated with primer to achieve a total thickness of 2-4 mills. In the second stage of the paint process, the body shall be painted with BTLV650 high solids polyurethane base coat. A minimum of two to three coats of paint shall be applied to achieve covering. In the final stage of the paint process, the body shall be painted with a clear topcoat. A minimum of two to three coats shall be applied to achieve a total dry film thickness of 2-3 mills.

As part of the curing process, the painted body shall go through a Force Dry / Bake Cycle process. The painted components shall be baked at 185 degrees for 3 hours to achieve a complete coating cure on the finished product.

HAND POLISHED

After the Force Dry / Bake Cycle and ample cooldown time, the coated surface shall be sanded using 3M 1000, 1200, and/or 1500 grit sandpaper to remove surface defects. In the final step, the surface shall be buffed with 3M super duty compound to add extra shine to coated surface. No more than .5 mil of clear shall be removed in this process.

Option ID:008841 QTY:1

Body Paint Color, Pumper, Single Tone, Red, AkzoNobel #32545

BODY PAINT COLOR

The body shall be painted with High Solids Polyurethane Base Coat.

The single tone body shall be painted AkzoNobel #32545 red.

Option ID:001170 QTY:1

Under Body Finish, Two-Step Undercoating Process

UNDERCOATING

The apparatus shall undergo a two-step undercoating process. The first step shall be a rubberized polyurethane base compound applied after the body has been primed. The materials used incorporate unused paint products to reduce the amount of waste released into the environment. This coat shall be applied to all hidden pockets and surfaces that are not visible after completion.

As a final step, the entire underside of the body shall be coated with a bituminous based automotive type undercoating when the apparatus is completed. During this application, special care shall be taken to avoid spraying the product on air lines, cables, or other items that would hinder normal maintenance.

Option ID:006089 QTY:1

Corrosion Protection, Electrolysis Corrosion Kontrol (ECK)

CORROSION PREVENTION

One (1) 3.75 ounce tube of Electrolysis Corrosion Kontrol (ECK) shall be provided to use when additional items are mounted to the apparatus. ECK protects aluminum and stainless steel against electrolytic reaction, isolates dissimilar metals and gives bedding protection for hardware and fasteners. ECK contains an anti-seizing lubricant for threads. ECK is dielectric and perfect for use with electrical connectors.

Option ID:001033 QTY:1

Sample Paint Card with Paint Formula

SAMPLE PAINT CARD

One (1) sample paint card shall be provided with the apparatus. The card shall show an example of the apparatus body color on one side and have the specific AkzoNobel paint formula printed on the reverse side.

Option ID:900879 QTY:1

Front Cab Striping, Wrap to Grill

REFLECTIVE STRIPING - FRONT CAB

The retroreflective stripe located on the sides of the apparatus shall wrap around the front of the chassis cab and terminate at chassis grill.

Option ID:004522 QTY:1

Rub Rail Striping, 2", Silver, Reflective, Pumper

RUB RAIL REFLECTIVE STRIPING

There shall be 2" reflective striping installed in the rub rail channel. The reflective striping shall be diamond grade quality material for increased visibility. The reflective shall be silver in color.

Option ID:008621 QTY:1

Body Striping, Pumper, 1"-6"-1", High Angle Transition

REFLECTIVE STRIPING

3M Scotchlite Retroreflective striping shall be applied to the exterior of the apparatus and shall conform to the reflectivity requirements in accordance with NFPA 1901, current edition.

The striping shall consist of:

- 1" retroreflective stripe
- 1" gap
- 6" retroreflective stripe
- 1" gap
- 1" retroreflective stripe

The striping shall be low across the front of the chassis and along the sides up to the first compartment on each side where it shall angle up to a point in the upper compartments, where it then shall run level to the back edge of the body.

Option ID:900881 QTY:1

Upper Stripe Color, Black

The upper stripe shall be black.

Option ID:900900 QTY:1

Main Stripe Color, Blue

The main stripe shall be blue.

Option ID:900917 QTY:1

Lower Stripe Color, Black

The lower stripe shall be black.

Option ID:900935 QTY:1

Chevron Color, Red / Fluorescent Yellow-Green, 3M 1172EC & 3983

CHEVRON COLOR - RED/FLUORESCENT YELLOW-GREEN

The chevron striping shall consist of red, 3M part number 1172 EC, and fluorescent yellow-green, 3M part number 3983, and shall meet the chevron color requirements in accordance with NFPA 1901, current edition.

Only 3M Diamond Grade VIP Reflective Striping shall be used. 3M Diamond Grade VIP Reflective Striping is a wide-angle prismatic lens reflective sheeting designed for the production of durable traffic control signs and delineators that are exposed vertically in service. This sheeting is designed to provide higher sign brightness than sheeting's that use glass bead lenses. It is intended to also provide high sign brightness in the legibility distance where other sheeting's do not. If something other than 3M is being used, third party documentation must be provided with the bid to prove it is compliant with Federal DOT and NFPA 1901, current edition.

Option ID:007435 QTY:1

Chevron Layout, Rear Body Surface, EXCLUDE T1, Tread Plate Storage Doors

CHEVRON STRIPING - REAR BODY

Retroreflective striping shall cover at least 50% of the rear-facing vertical surfaces in accordance with NFPA 1901, current edition. The striping shall be in a chevron pattern sloping downward and away from the centerline of the apparatus at an angle of 45 degrees. Each stripe shall be a minimum of 6" in width. The striping shall consist of a solid base layer of reflective material and alternate between the exposed base layer material and durable, transparent, acrylic colored film.

The chevron pattern shall include rear face of the body. The T1 Compartment and any storage compartment doors shall be excluded from the chevron pattern.

Shop Note: Exclude T2 treadplate door

Option ID:RFW0002 QTY:1

General Two (2) Years or 36,000 Miles Limited Warranty

General Two (2) Years or 36,000 Miles Limited Warranty

Purchaser shall receive a General Two (2) Years or 36,000 Miles limited warranty in accordance with, and subject to, warranty certificate RFW0002. The warranty certificate is incorporated by reference into this proposal, and included with this proposal or available upon request.

Option ID:RFW0502 QTY:1

Body Structure (Aluminum) Ten (10) Years or 100,000 Miles Limited Warranty

Body Structure (Aluminum) Ten (10) Years or 100,000 Miles Limited Warranty

Purchaser shall receive a Body Structure (Aluminum) Ten (10) Years or 100,000 Miles limited warranty in accordance with, and subject to, warranty certificate RFW0502. The warranty certificate is incorporated by reference into this proposal, and included with this proposal or available upon request.

Option ID:RFW0202 QTY:1

Electrical Two (2) Years or 36,000 Miles Limited Warranty

Electrical Two (2) Years or 36,000 Miles Limited Warranty

Purchaser shall receive a Electrical Two (2) Years or 36,000 Miles limited warranty in accordance with, and subject to, warranty certificate RFW0202. The warranty certificate is incorporated by reference into this proposal, and included with this proposal or available upon request.

Option ID:RFW0800 QTY:1

Plumbing and Piping (Stainless Steel) Ten (10) Years or 100,000 Miles Limited Warranty

Plumbing and Piping (Stainless Steel) Ten (10) Years or 100,000 Miles Limited Warranty

Purchaser shall receive a Plumbing and Piping (Stainless Steel) Ten (10) Years or 100,000 Miles limited warranty in accordance with, and subject to, warranty certificate RFW0800. The warranty certificate is incorporated by reference into this proposal, and included with this proposal or available upon request.

Option ID:WLF810 QTY:1

Warranty, Water Tank, Pro Poly, Standard Lifetime

WATER TANK WARRANTY

The tank shall be complete with a lifetime warranty. The tank manufacturer shall permanently mark the tank and furnish notice that indicates proof of warranty. Full details shall be provided in the complete warranty document.

Option ID:RFW0515 QTY:1

Body Substructure (Galvanized) Twenty(20) Years or 100,000 Miles Limited Warranty

Body Substructure (Galvanized) Twenty(20) Years or 100,000 Miles Limited Warranty

Purchaser shall receive a Body Substructure (Galvanized) Twenty(20) Years or 100,000 Miles limited warranty in accordance with, and subject to, warranty certificate RFW0515.

The warranty certificate is incorporated by reference into this proposal, and included with this proposal or available upon request.

Option ID:RFW0710 QTY:1

Paint and Finish (Exterior Clear coated) Ten (10) Years Limited Warranty

Paint and Finish (Exterior Clear coated) Ten (10) Years Limited Warranty

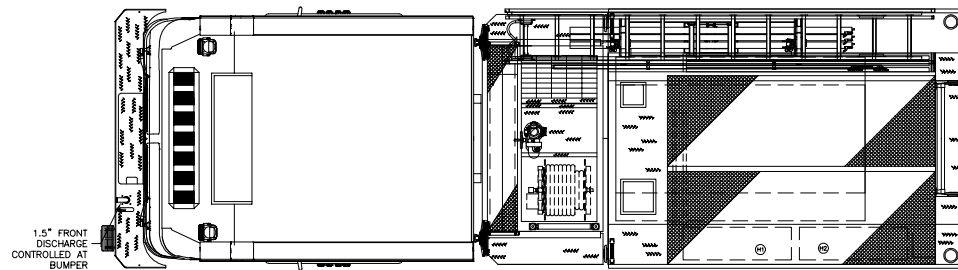
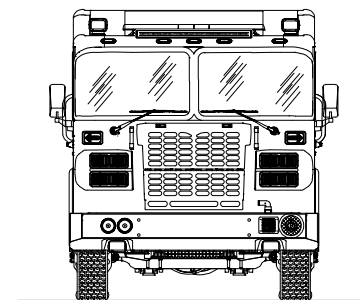
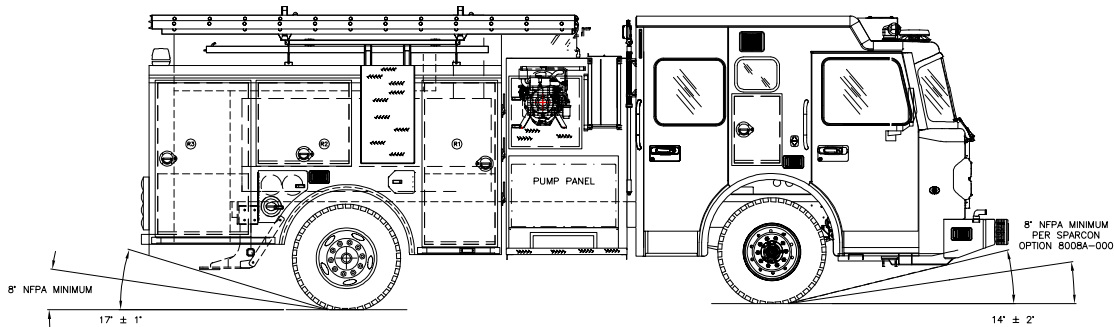
Purchaser shall receive a Paint and Finish (Exterior Clear coated) Ten (10) Years limited warranty in accordance with, and subject to, warranty certificate RFW0710. The warranty certificate is incorporated by reference into this proposal, and included with this proposal or available upon request.

Option ID:W05810-A QTY:1

Warranty, Pump, Waterous, Standard 7 Year

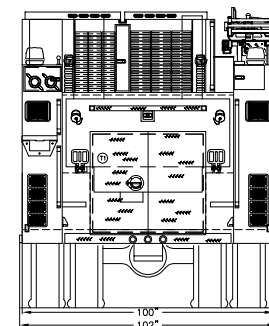
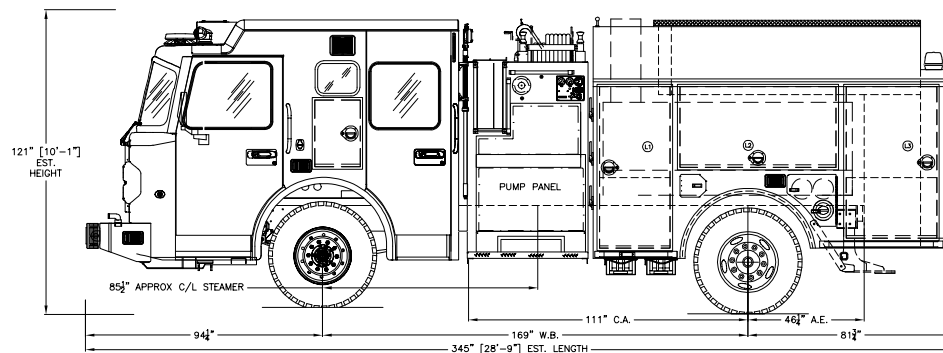
PUMP WARRANTY

The fire pump shall be warranted by Waterous for a period of seven (7) years from the date of delivery to the fire department or seven and one-half (7-1/2) years from the shipment date by Waterous, whichever period expires first. Full details shall be provided in the complete warranty document.



COMPARTMENT DIMENSIONS					
COMPT	DOOR OPENING	INTERIOR	DIVIDE HEIGHT	DEPTH	WIDTH
L1/R1	20" W x 63" H	30" W x 68" H	22"	14"	23"
L2	62" W x 31" H	69" W x 30" H	N/A	14"	N/A
R2	39" W x 31" H	44" W x 35" H	N/A	14"	N/A
L3/R3	34" W x 58" H	30" W x 62" H	23"	14"	29"
T1	44" W x 38" H	46" W x 44" H	N/A	20"	20"
H1-2	10" W x 42" L	14" W x 44" L	N/A	17"	17"

GROUND LADDERS & PIKE POLES		
ITEM	DESCRIPTION	QTY
A	24" 7-56C EXTENSION	900-A 1
B	14" ROOF	775-A 1
C	10' FOLDING ATRIC	585-A 1
D	PIKE POLE	- 2



NOTE:
THIS DRAWING IS THE PROPERTY OF SPARTAN FIRE, LLC AND IS TO BE USED ONLY IN REFERENCE TO THE WORK PROPOSED OR CONTRACTED BY SPARTAN FIRE, LLC. ANY REPRODUCTION IN PART OR IN WHOLE WITHOUT THE WRITTEN PERMISSION OF SPARTAN FIRE, LLC IS STRICTLY PROHIBITED.
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THIS DRAWING IS FOR REFERENCE PURPOSES ONLY. SOME ITEMS MAY OR MAY NOT APPEAR ON THE DRAWING THAT MAY OR MAY NOT BE INCLUDED IN THE SPECIFICATIONS. THE SPECIFICATIONS SHALL BE THE FINAL AUTHORITY TO DETERMINE WHAT IS SUPPLIED ON THE APPROVAL.

REVISION HISTORY		
REV	REV	DATE
01	Brodd	12/14/21
02	Brodd	02/02/22
03	Brodd	09/08/22

PROPOSAL

CHASSIS: SPARTAN METRO STAR MFD 10" RAISED ROOF
ENGINE: CUMMINS L9-450HP WITH ALLISON 3000 EVS
PUMP: WATERLOUS CSUC20 2000 GPM
AUX PUMP: WATERLOUS E511C
WATER TANK: 750 U.S. GAL
FOAM CELL: 40 U.S. GAL
BODY MATERIAL: 1/8" ALUMINUM
HOSE BED: N/A
GENERATOR: N/A
COMPARTMENTS: 182 CUBIC FEET



DINUBA FIRE DEPARTMENT		
TULARE, CA		
MODEL:	SIDE MOUNT PUMPER/WUI	
SCALE:	F.A.S.	
SCALE: 1/2" = 1'	DRAWN BY: D.Brodd	DATE: 09/08/2022
SIZE: 24" X 36"	DRAWING NO: 22199	REV: 03
SHEET: 1 OF 1		



City Council Staff Report

Department: CITY CLERK

December 13, 2022

To: Mayor and City Council

From: Maria Alaniz, City Clerk/Human Resources Director

Subject: Appointment of Larry Roberts to the Delta Vector Control District Board (MA)

RECOMMENDATION

Council to approve the reappointment of Larry Roberts to the Delta Vector Control District Board for a term of two (2) years.

EXECUTIVE SUMMARY

Larry Roberts currently holds a position on the Delta Vector Control District Board (DVCD) as the City's representative. He has indicated to the DVCD Board of Trustees his willingness to continue to serve an additional two-year (2) term. The DVCD recommends to the City Council appoint Mr. Roberts to serve a term of two (2) years beginning January 2, 2022 and ending December 31, 2024.

OUTSTANDING ISSUES

None.

DISCUSSION

Larry Roberts currently represents the City of Dinuba on the Delta Vector Control District Board (DVCD). Roberts has served on the Board continually since January 2011. The Delta Vector Control Board has notified city staff that Roberts' current term will expire effective December 31, 2022.

The City Council as the appointing authority, has the discretion, per Health & Safety Code Section 2024, to appoint members for two or four year terms. Mr. Roberts has indicated he is willing to serve for an additional two-year (2) term. If reappointed, Roberts' term will begin on January 2, 2022 and end December 31, 2024.

A copy of the letter from the DVCD board is enclosed as Attachment 'A'.

FISCAL IMPACT

None.

PUBLIC HEARING

None required.

ATTACHMENTS:

A. DVCD Roberts Reappointment

DELTA MOSQUITO & VECTOR CONTROL DISTRICT

Dr. Mustapha Debboun
General Manager

1737 West Houston Avenue * Visalia, California 93291
Phone (559) 732-8606 * (877) 732-8606 * Fax (559)-732-7441

Crystal Grippin
Scientific Program Manager

Hector Cardenas
Operations Program Manager

www.deltamvcd.org

Erick Arriaga
Community Education & Outreach Coordinator

Mary Ellen Gomez
Administrative Assistant

Paul Harlien
Foreman

Rick Alvarez
Vector Control Supervisor

Bryan Ruiz
Supervisor Assistant



October 25, 2022

Linda Barkley, Deputy City Clerk
City of Dinuba
405 E. El Monte Way
Dinuba, CA 93618

Dear Ms. Barkley,

The term of Larry Roberts representing the City of Dinuba on the Board of Trustees of the Delta Mosquito and Vector Control District will expire on December 31, 2022. Health & Safety Code Section 2024 establishes the term of service:

- a) Except as provided in Section 2023, the term of office for a member of the Board of Trustees shall be for a term of two or four years, at the discretion of the appointing authority. Terms of office commence at noon on the first Monday in January.

Mr. Roberts has indicated he is willing to serve a two-year term if reappointed. The Board of Trustees is recommending that Mr. Roberts be considered favorably for reappointment.

Sincerely,


Mary-ellen Gomez
Administrative Assistant
Delta Mosquito and Vector Control District



City Council Staff Report

Department: PUBLIC WORKS

December 13, 2022

To: Mayor and City Council
From: Ismael Hernandez, Public Works Director
By: George Avila, Business Manager
Subject: Authorization to Purchase Utility Tractor (IH)

RECOMMENDATION

Council to authorize the Public Works Director to purchase a new utility tractor in the amount of \$82,432 from Lawrence Tractor Co., Inc.

EXECUTIVE SUMMARY

The Wastewater Treatment Facility and sewer utility operations use a utility tractor for a variety of essential tasks. The existing tractor has exceeded its useful life and requires replacement. Funding for the purchase of a new tractor was included in the 2022/23 annual budget. Lawrence Tractor Co., Inc. has provided a quote to the City in the amount of \$82,432 and staff is seeking approval to purchase.

OUTSTANDING ISSUES

None.

DISCUSSION

The City of Dinuba uses a collection system and Wastewater Reclamation Facility to service its wastewater conveyance and treatment needs. The collection system includes approximately 73.8 miles of gravity sewer mains aided by 11 sanitary sewer system lift or pump stations to deliver wastewater to the Wastewater Reclamation Facility. The Facility currently processes wastewater in the range of 1.9 to 2.3 million gallons per day on weekdays and 1.5 to 1.6 million gallons per day on weekends.

Several pieces of heavy equipment are needed for sewer operations; one of these is a utility tractor. The existing tractor used for sewer operations has exceeded its useful life and must be replaced. Funds to purchase a new tractor were approved in the

Fiscal Year 2022-23 Budget. Staff solicited a proposal from Lawrence Tractor Co., Inc. and in response received a quote in the amount of \$82,432. A copy of the quote is enclosed herein as Attachment 'A'.

Lawrence Tractor Co., Inc. is offering this proposal through the Sourcewell purchasing cooperative. Using this purchasing cooperative allows the City to "piggyback" on competitively procured contracts. This expedites the purchase process and ensures that the city is getting the best price for this large investment. Purchases using a purchasing cooperative are authorized in the City's purchasing policy.

FISCAL IMPACT

The cost for this purchase will be funded out of the money received from the American Rescue Plan Act (ARPA).

PUBLIC HEARING

None.

ATTACHMENTS:

A. Lawrence Tractor Co - Utility Tractor Quote

Customer:

Quotes are valid for 30 days from the creation date or upon contract expiration, whichever occurs first.

A Purchase Order (PO) or Letter of Intent (LOI) including the below information is required to proceed with this sale. The PO or LOI will be returned if information is missing.

Vendor: Deere & Company

- ☐ 2000 John Deere Run
Cary, NC 27513
- ☐ Signature on all LOIs and POs with a signature line
- ☐ Contract name or number; or JD Quote ID
- ☐ Sold to street address (no PO box)
- ☐ Ship to street address (no PO box)
- ☐ Bill to contact name and phone number
- ☐ Bill to address
- ☐ Bill to email address (required to send the invoice and/or to obtain the tax exemption certificate)
- ☐ Membership number if required by the contract

For any questions, please contact:**Luke Prys**

Lawrence Tractor Co., Inc.
2530 E Main Street
Visalia, CA 93292

Tel: 559-734-7406

Fax: 559-734-8325

Email: lukep@lawrencetractor.com

Quotes of equipment offered through contracts between Deere & Company, its divisions and subsidiaries (collectively "Deere") and government agencies are subject to audit and access by Deere's Strategic Accounts Business Division to ensure compliance with the terms and conditions of the contracts.



ALL PURCHASE ORDERS MUST BE MADE OUT TO (VENDOR):

Deere & Company
2000 John Deere Run
Cary, NC 27513
FED ID: 36-2382580
UEID: FNSWEDARMK53

ALL PURCHASE ORDERS MUST BE SENT TO DELIVERING DEALER:

Lawrence Tractor Co., Inc.
2530 E Main Street
Visalia, CA 93292
559-734-7406
bobh@lawrencetractor.com

Quote Summary

Prepared For:

CITY OF DINUBA
420 E TULARE ST
DINUBA, CA 93618

Delivering Dealer:

Lawrence Tractor Co., Inc.
Luke Prys
2530 E Main Street
Visalia, CA 93292
Phone: 559-734-7406
lukep@lawrencetractor.com

Customer Sourcewell Member# 103564**Quote ID:** 27739460**Created On:** 04 November 2022**Last Modified On:** 02 December 2022**Expiration Date:** 02 January 2023

Equipment Summary	Suggested List	Selling Price	Qty	Extended
JOHN DEERE 5120M Utility Tractor	\$ 97,400.56	\$ 75,973.98 X	1 =	\$ 75,973.98

Contract: Sourcewell Ag Tractors 110719-JDC (PG 1P CG 70)**Price Effective Date:** November 3, 2022

Equipment Total	\$ 75,973.98

* Includes Fees and Non-contract items

Quote Summary

Equipment Total	\$ 75,973.98
Trade In	
SubTotal	\$ 75,973.98
Sales Tax - (8.50%)	\$ 6,457.79
Est. Service	\$ 0.00
Agreement Tax	
Total	\$ 82,431.77
Down Payment	(0.00)
Rental Applied	(0.00)
Balance Due	\$ 82,431.77

Salesperson : X _____**Accepted By : X** _____

Confidential



Selling Equipment

Quote Id: 27739460 Customer Name: CITY OF DINUBA

ALL PURCHASE ORDERS MUST BE MADE OUT TO (VENDOR):

Deere & Company
2000 John Deere Run
Cary, NC 27513
FED ID: 36-2382580
UEID: FNSWEDARMK53

ALL PURCHASE ORDERS MUST BE SENT TO DELIVERING DEALER:

Lawrence Tractor Co., Inc.
2530 E Main Street
Visalia, CA 93292
559-734-7406
bobh@lawrencetractor.com

JOHN DEERE 5120M Utility Tractor

Hours: **Suggested List ***
Stock Number: \$ 97,400.56
Contract: Sourcewell Ag Tractors 110719-JDC (PG 1P CG **Selling Price ***
70) \$ 75,973.98
Price Effective Date: November 3, 2022

* Price per item - includes Fees and Non-contract items

Code	Description	Qty	List Price	Discount%	Discount Amount	Contract Price	Extended Contract Price
19DGPY	5120M Utility Tractor	1	\$ 85,264.00	22.00	\$ 18,758.08	\$ 66,505.92	\$ 66,505.92
Standard Options - Per Unit							
182A	Less AutoTrac™/Less ISOBUS	1	\$ 0.00	22.00	\$ 0.00	\$ 0.00	\$ 0.00
183A	JDLink™ Capable	1	\$ 0.00	22.00	\$ 0.00	\$ 0.00	\$ 0.00
0202	United States	1	\$ 0.00	22.00	\$ 0.00	\$ 0.00	\$ 0.00
0409	English Operators Manual	1	\$ 0.00	22.00	\$ 0.00	\$ 0.00	\$ 0.00
0500	Less Package	1	\$ 0.00	22.00	\$ 0.00	\$ 0.00	\$ 0.00
1380	PowrReverser™ 16F/16R 40 km/h	1	\$ 0.00	22.00	\$ 0.00	\$ 0.00	\$ 0.00
1799	Less Loader Prep Package	1	\$ 0.00	22.00	\$ 0.00	\$ 0.00	\$ 0.00
1950	Less Application	1	\$ 0.00	22.00	\$ 0.00	\$ 0.00	\$ 0.00
2055	Standard Cab	1	\$ 14,681.00	22.00	\$ 3,229.82	\$ 11,451.18	\$ 11,451.18
2120	Air Suspension seat	1	\$ 1,037.00	22.00	\$ 228.14	\$ 808.86	\$ 808.86
2400	Less Instructional Seat	1	\$ 0.00	22.00	\$ 0.00	\$ 0.00	\$ 0.00
2500	Less Rear View Mirrors	1	\$ 0.00	22.00	\$ 0.00	\$ 0.00	\$ 0.00
3025	Corner Post Deluxe Exhaust	1	\$ 737.00	22.00	\$ 162.14	\$ 574.86	\$ 574.86
3325	2 Mechanical Stackable Rear SCV	1	\$ 0.00	22.00	\$ 0.00	\$ 0.00	\$ 0.00
3400	Less Mid SCVs	1	\$ -1,147.00	22.00	\$ -252.34	\$ -894.66	\$ -894.66
3820	Two Speed PTO - 540/540E	1	\$ 0.00	22.00	\$ 0.00	\$ 0.00	\$ 0.00
4004	Front Weight Support - (55 kg/121 lbs)	1	\$ 225.00	22.00	\$ 49.50	\$ 175.50	\$ 175.50
4010	Mechanical Rear Hitch Control	1	\$ 0.00	22.00	\$ 0.00	\$ 0.00	\$ 0.00
4110	Telescoping Draft Links with Ball End - Category 2	1	\$ 0.00	22.00	\$ 0.00	\$ 0.00	\$ 0.00
4160	LH Only Adjustment Lift Link	1	\$ 0.00	22.00	\$ 0.00	\$ 0.00	\$ 0.00

Selling Equipment

Quote Id: 27739460 **Customer Name:** CITY OF DINUBA

**ALL PURCHASE ORDERS MUST BE MADE OUT
TO (VENDOR):**

Deere & Company
2000 John Deere Run
Cary, NC 27513
FED ID: 36-2382580
UEID: FNSWEDARMK53

**ALL PURCHASE ORDERS MUST BE SENT
TO DELIVERING DEALER:**

Lawrence Tractor Co., Inc.
2530 E Main Street
Visalia, CA 93292
559-734-7406
bobh@lawrencetractor.com

4210	Mechanical Center Link with Ball Ends - Category 2	1	\$ 0.00	22.00	\$ 0.00	\$ 0.00	\$ 0.00
4313	Drawbar with Hammerstrap	1	\$ 159.00	22.00	\$ 34.98	\$ 124.02	\$ 124.02
4420	LH & RH Stabilizer Bar	1	\$ 0.00	22.00	\$ 0.00	\$ 0.00	\$ 0.00
5010	Flange Axle	1	\$ 0.00	22.00	\$ 0.00	\$ 0.00	\$ 0.00
5090	Steel Rear Wheels	1	\$ 0.00	22.00	\$ 0.00	\$ 0.00	\$ 0.00
5192	19.5L-24 In. 10PR R4 Bias	1	\$ -2,527.00	22.00	\$ -555.94	\$ -1,971.06	\$ -1,971.06
5999	No Tire Brand Preference	1	\$ 0.00	22.00	\$ 0.00	\$ 0.00	\$ 0.00
6040	MFWD Front Axle	1	\$ 0.00	22.00	\$ 0.00	\$ 0.00	\$ 0.00
6133	12.5/80-18 In. 12PR R4 Bias	1	\$ -1,955.00	22.00	\$ -430.10	\$ -1,524.90	\$ -1,524.90
Standard Options Total			\$ 11,210.00		\$ 2,466.20	\$ 8,743.80	\$ 8,743.80
Technology Options/Non-Contract/Open Market							
1900	Less Display	1	\$ 0.00	22.00	\$ 0.00	\$ 0.00	\$ 0.00
1880	Less Receiver	1	\$ 0.00	22.00	\$ 0.00	\$ 0.00	\$ 0.00
Technology Options Total			\$ 0.00		\$ 0.00	\$ 0.00	\$ 0.00
Dealer Attachments/Non-Contract/Open Market							
R127764	Weight, front suitcase 43 kg (95 lb) quantity of one	6	\$ 153.26	22.00	\$ 33.72	\$ 717.24	\$ 717.24
CA	Tire Fee	4	\$ 1.75	0.00	\$ 0.00	\$ 7.00	\$ 7.00
Dealer Attachments Total			\$ 926.56		\$ 202.32	\$ 724.24	\$ 724.24
Value Added Services							
Total			\$ 0.00			\$ 0.00	\$ 0.00
Total Selling Price			\$ 97,400.56		\$ 21,426.60	\$ 75,973.96	\$ 75,973.96



City Council Staff Report

Department: PUBLIC WORKS

December 13, 2022

To: Mayor and City Council
From: Ismael Hernandez, Public Works Director
By: George Avila, Business Manager
Subject: Authorization to Purchase Rough Terrain Forklift (IH)

RECOMMENDATION

Council to authorize the Public Works Director to purchase a new rough terrain forklift in the amount of \$40,796 from Pape Material Handling.

EXECUTIVE SUMMARY

Staff is in need of an all-terrain forklift for use at the wastewater treatment plant. The existing forklift is limited in how it can be used. The all-terrain forklift can be utilized on and off paved surfaces, making it much more useful to staff. Staff solicited a quote from Pape Material Handling for a new rough terrain forklift in the amount of \$40,796. chase. Funding for the purchase of a new forklift was included in the 2022/23 annual budget.

OUTSTANDING ISSUES

None.

DISCUSSION

Staff uses several pieces of heavy equipment for operations at the wastewater treatment plant. A forklift is used to move polymer material and other heavy items. The existing forklift can only be used on hardpacked soil which is not always practical at the treatment plant. The new all-terrain forklift will be able to operate on rough terrain making it more useful and safer. Funds to purchase a new forklift were approved in the Fiscal Year 2022-23 budget.

Pursuant to the city's procurement policy, staff requested three quotes from different vendors and received the following responses:

Pape Material Handling \$40,796

Quinn Lift \$43,688
Total Material Handling \$57,125

The quote received from Pape Material Handling has been reviewed by staff and has been deemed adequate for the proposed use. A copy of the quote is attached herein as Attachment "A" along with photos of the forklift in Attachment 'B'. Staff is requesting authorization to purchase a new rough terrain forklift in the amount of \$40,796.

FISCAL IMPACT

The cost for this purchase totaling \$40,796 will be funded out of the money received from the American Rescue Plan Act (ARPA) and from local operating funds.

PUBLIC HEARING

None.

ATTACHMENTS:

- A. Pape Material Handling Quote
- B. Forklift Photos

										REFERENCE NUMBER									
										SHIP TO Company									
BILL TO SIC Code										Contact Name									
Company/Contact Name										Address									
Address										City State Zip									
City State Zip										County Ph. No.									
County Customer No.										Delivery Date (Est.) Customer No.									
Ph. No. Fax No.										P.O. NO.									
Email Cell No.										EQUIP. # TRANSACTION INVENTORY									
EQUIPMENT MAKE MODEL SER #										SALE RPO NEW USED RENT									
Description:										\$									
Attachments:																			
Del'y/F.O.B:																			
TRADE YEAR SERIAL #										AGREED PRICE									
MAKE MODEL										If Tax Exempt, Provide Certificate or enter Rate Below									
										Sales Tax ()									
Lienholder:										Total Price									
Trade-In Allowance Less (Est.) Payoff										Net Trade-In < >									
PAYMENT ☐ FINANCED ☐ ON ACCOUNT ☐ CASH/COD										OR CAT Recovery ()									
										Sales Tax () WA Only									
LEASE: MONTHS /MONTH HOURS/YEAR										CA Tire Fee									
CONTRACT MAINTENANCE: /MONTH										Balance Due									
TELEMETRY: /MONTH										Down Payment < >									
										Lease Doc Fees									
										Amount to Finance									
										Length of Term									
										Estimated Payment									
WARRANTY ☐ NEW BASIC (DESCRIBE)																			
☐ NEW EXTENDED (DESCRIBE)																			
☐ AS IS / NO WARRANTY ☐ USED (DESCRIBE)																			
Optional Accessories (check one below for each option):																			
Fire extinguisher ☐ Ordered ☐ Declined				Headlights ☐ Ordered ☐ Declined				Mirrors ☐ Ordered ☐ Declined											
Back-up alarm ☐ Ordered ☐ Declined				Tail lights ☐ Ordered ☐ Declined				Telemetry device ☐ Ordered ☐ Declined											
Strobe light ☐ Ordered ☐ Declined				Turn signals ☐ Ordered ☐ Declined				Blue/Red Light ☐ Ordered ☐ Declined											
Other:																			
Other:																			
This Sales Order is subject to Papé Material Handling's Terms and Conditions of Sale effective on the date hereof, which are incorporated in full by this reference. The Terms and Conditions of Sale are available at www.pape.com/terms , and will also be sent by mail or e-mail to Buyer upon request. For each trade-in described herein (if any), Buyer certifies that there is no lien, claim, debt, mortgage or encumbrance of any kind, nature or description against this property now existing, of record or otherwise, and that the same is free and clear and is Buyer's sole and absolute property except as noted above.																			
PAPÉ MATERIAL HANDLING PAPÉ RENTS										BUYER									
(Store Address)										By Title									
City State Zip																			
By										By Title									
Title Date										Date									







City Council Staff Report

Department: FINANCE SERVICES

December 13, 2022

To: Mayor and City Council

From: Karina Solis, Administrative Services Director

By: Jacqueline Lopez, Fiscal Analyst I

Subject: Annual Report on Community Facilities District No. 2018-1 (KS)

RECOMMENDATION

Council to accept the Annual Report for Community Facilities District No. 2018-1 for Fiscal Year Ending June 30, 2022.

EXECUTIVE SUMMARY

The City of Dinuba established Community Facilities District No. 2018-1 to provide funding for the maintenance of public infrastructure within five residential subdivisions including Laurabrook, Quail Run South, Tierra Vista II, Autumn Gate I and Autumn Gate II/III. As required by state law, the city prepared and is submitting an annual report for Community Facilities District (CFD) 2018-1 for the City Council review and acceptance.

OUTSTANDING ISSUES

None.

DISCUSSION

Background

The City of Dinuba has been creating special assessment districts since the late 1980's. These special assessment districts, more commonly referred to as Landscape and Lighting Districts (LLD's) were being used to fund the cost of new public services and facilities created by new residential development. The last Landscape and Lighting District created was in late 2015 for the Parkside Village Phases II and III development. However, the city learned that Landscape and

Lighting Districts are no longer the preferred funding mechanism for recovering the costs of servicing new development given the time consuming and costly legal requirement of separating and quantifying the special and general assessment amounts prior to the formation of the assessment district.

Community Facilities District

Similar to that of the Landscape and Lighting Districts, community facilities districts (CFD's) are a type of special tax district formed when property owners within a geographic area agree to impose a tax on property in order to fund infrastructure improvements or services such as, maintenance and lighting of parks, parkways, street, roads, parks and open space. In summary, CFD's provide more flexibility in what recurring services or one-time public infrastructure projects can be funded by imposition of a special tax on property.

The Community Facilities District (CFD) No. 2018-1 was formed in 2018 to provide funding for the maintenance of public infrastructure and operating costs of a variety of amenities in five subdivisions, including Laurabrook, Quail Run South, Tierra Vista II, Autumn Gate I and Autumn Gate II/III. Revenues collected are used to fund maintenance of lighting, parks, parkways, and open space.

Special Bond and Accountability Act (SB 165)

Senate Bill 165 enacted on September 19, 2000 requires that local agencies with CFDs prepare and submit an annual report to the City Council identifying the amount of funds collected and expended in a given fiscal year. The annual report must be submitted to the City Council no later than January 1st of each year.

The annual report for CFD No. 2018-1 enclosed herein as Attachment 'A' complies with the requirements of the Act. The report submitted for the City Council's review and acceptance.

FISCAL IMPACT

None.

PUBLIC HEARING

None.

ATTACHMENTS:

A. Annual Report Community Facilities District No. 2018-01 for Fiscal Year Ending June 30, 2022

SB 165: LOCAL AGENCY SPECIAL TAX AND BOND ACCOUNTABILITY ACT

Senate Bill 165, filed with the Secretary of State on September 19, 2000, enacted the Local Agency Special Tax and Bond Accountability Act. This Act requires that any local special tax/local bond measure subject to voter approval contain a statement indicating the specific purposes of the special tax, requires that the proceeds of the special tax be applied to those purposes, requires the creation of an account into which the proceeds shall be deposited, and requires an annual report containing specified information concerning the use of the proceeds. The Act applies to local bond measures adopted on or after January 1, 2001 in accordance with Section 50075.1 of the California Government Code.

Some of the requirements of the Act are handled at the formation of the Special Tax District and others are handled through annual reports. This report intends to comply with Section 50075.3 of the California Government Code that states:

“The chief fiscal officer of the issuing local agency shall file a report with its governing body no later than January 1, 2002, and at least once a year thereafter. The annual report shall contain all of the following:

- (a) The amount of funds collected and expended.
- (b) The status of any project required or authorized to be funded as identified in subdivision (a) of Section 50075.1 or Section 53410.”

The requirements of the Act apply to the Operating Fund for the following District:

City of Dinuba
Community Facilities District No. 2018-1 – Maintenance and Services
Established November 5, 2018

Purpose of Special Tax

The City of Dinuba formed Community Facilities District No. 2018-1 (the “District”) in 2018 to provide funding for the maintenance of public infrastructure. Services remain ongoing.

Fiscal Year 2021/22 Collections & Expenditures

Fund	6/30/2021 Balance	Amount Collected ⁽¹⁾	06/30/2022 Balance	Expended Amount	Service Status
Services	\$16,827.11	\$83,130.72	\$71,701.46	\$28,256.37	Ongoing

(1) Represents special tax collections during fiscal year ended June 30, 2022.



City Council Staff Report

Department: CITY MANAGER'S OFFICE

December 13, 2022

To: Mayor and City Council

From: Maria Alaniz, City Clerk

Subject: Certificate of Recognition for Self Help Enterprises, Sierra Village Apartments (MA)

RECOMMENDATION

Council to approve a Certificate of Recognition for Self Help Enterprises for their efforts to bring additional affordable housing to the community.

EXECUTIVE SUMMARY

Self Help Enterprises has completed Phase II of the Sierra Village multi-family housing project, located at the northwest corner of Davis and Crawford. The project consists of 64 units, a shared community building and a laundry facility. As part of the second phase of this project, Self Help Enterprises has committed to setting aside nine (9) units for individuals and families experiencing homelessness and providing a robust program of on-site resident services, including job training, health and medical services, after school program, financial training and home-buyer education. Staff has prepared a recognition to recognize Self Help Enterprises for their commitment and dedication to the City of Dinuba and it's residents by working tirelessly to provide quality, affordable, single-family and multi-family housing for the community, and Self Help Enterprises' partnership with the City of Dinuba to address homelessness in the community.

OUTSTANDING ISSUES

None.

DISCUSSION

Self Help Enterprises (SHE) has been active in providing affordable housing opportunities in Dinuba and throughout Tulare County since 1965. In 2018, Self Help Enterprises completed development of Phase I of Sierra Village Apartments consisting of 44 units at the northwest corner of Davis and Crawford. SHE has now completed Phase II of the Sierra Village project consisting of 64 units, a shared

community building and a laundry facility. As part of the second phase of this project, Self Help Enterprises has committed to setting aside nine (9) units for individuals and families experiencing homelessness and providing a robust program of on-site resident services, including job training, health and medical services, after school program, financial training and home-buyer education.

Sierra Village II, which is schedule for grand opening on December 15, 2022, will provide an opportunity for working individuals and families at or below 60% of the area median income to afford quality multi-family housing. Phase II will mirror the architectural and landscape design of the first phase, including solar panels and water conservation features. Phase II will include 20 one-bedroom units, 20 two-bedroom units and 24 three-bedroom units for a total of 64 units. The Sierra Village Phase II project also includes nine (9) units and supportive services for the homeless which is funded through the No Place Like Home program.

Staff has prepared a recognition to acknowledge Self Help Enterprises for their commitment and dedication to the City of Dinuba and it's residents by working tirelessly to provide quality, affordable, single-family and multi-family housing for the community, and SHE's partnership with the City of Dinuba to address homelessness in the community. The recognition is attached herein as 'Attachment A.'

Staff recommends Council approve the recognition which will be presented to Self Help Enterprises at the December 15th grand opening of Sierra Village Phase II apartments.

FISCAL IMPACT

None.

PUBLIC HEARING

Not required.

ATTACHMENTS:

A. Recognition for Self Help Enterprises, Sierra Village Apartments

CITY OF DINUBA

Recognition

Self Help Enterprises

WHEREAS, is a nationally recognized community development organization whose mission is to work together with low-income families to build and sustain healthy homes and communities; and

WHEREAS, Self Help Enterprises works with cities, counties and residents to help provide affordable housing and meet the needs of Valley communities; and

WHEREAS, In 2018, Self Help Enterprises completed development of Sierra Village (Phase I), a 43-unit affordable multifamily housing apartment project, located at the northwest corner of East Davis Drive and North Crawford Avenue; and

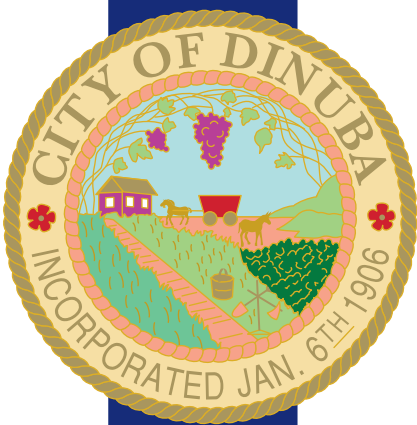
WHEREAS, Self Help Enterprises has now completed development of Sierra Village (Phase II), adding 64 more units of affordable multifamily housing to the community; and

WHEREAS, The Sierra Village Phase II project includes nine (9) units and supportive services for the homeless which is funded through the No Place Like Home program; and

WHEREAS, Self Help Enterprises continues their commitment and dedication to the City of Dinuba and it's residents by working tirelessly to provide quality, affordable, single-family and multi-family housing for the community; and

NOW, THEREFORE, BE IT RESOLVED, that I, Linda Launer, Mayor of the City of Dinuba, do hereby recognize the efforts of the Self-Help Enterprises, and their commitment to providing affordable housing to the residents of the City of Dinuba.

IN WITNESS THEREOF, I have hereunto set my hand and caused the great seal of the City of Dinuba to be affixed, on this 13th day of December, two-thousand-twenty-two.



Linda Launer, Mayor

Attest
Maria Alaniz, City Clerk

2022



City Council Staff Report

Department: CITY MANAGER'S OFFICE

December 13, 2022

To: Mayor and City Council

From: Maria Alaniz, City Clerk/Human Resources Director

Subject: Appointments to Public Safety Commission (MA)

RECOMMENDATION

Council to reappoint Paul Espinosa and Victorio Rojas to the Public Safety Commission to an additional three (3) year term.

EXECUTIVE SUMMARY

Commissioners Espinosa and Rojas submitted applications for reappointment to the Public Safety Commission. If the Council elects to reappoint the commissioners, each will serve a term of three (3) years from January 1, 2023 through December 31, 2025.

OUTSTANDING ISSUES

None.

DISCUSSION

The Public Safety Commissioners Paul Espinosa and Victorio Rojas have submitted applications for reappointment to serve an additional three (3) year term on the Public Safety Commission (Attachments 'A' and 'B' respectively). The Council is asked to consider reappointing Espinosa and Rojas to the Public Safety Commission.

FISCAL IMPACT

None.

PUBLIC HEARING

None required.

ATTACHMENTS:

A. Paul Espinosa Request for Reappointment

B. Victorio Rojas Request for Reappointment

Maria Alaniz

From: Paul Espinosa
Sent: Monday, December 5, 2022 7:44 PM
To: Maria Alaniz
Subject: Public Safety Commission

Follow Up Flag: Follow up
Flag Status: Completed

I am requesting reappointment to above.

Thank you

Please confirm receipt

Sent via the Samsung Galaxy Note10+, an AT&T 5G Evolution capable smartphone
Get [Outlook for Android](#)

Maria Alaniz

From: Debbie Rojas
Sent: Monday, December 5, 2022 8:28 PM
To: Maria Alaniz;
Subject: Reappointment

Follow Up Flag: Follow up
Flag Status: Completed

Hello,
This is Victorio Rojas and I would like to request to be reappointed to the Public Safety Commision. Thank you.

Victorio Rojas



City Council Staff Report

Department: CITY MANAGER'S OFFICE

December 13, 2022

To: Mayor and City Council

From: Maria Alaniz, City Clerk/Human Resources Director

Subject: Cancellation of City Council Meeting, December 27, 2022 (MA)

RECOMMENDATION

Council to consider cancelling the scheduled City Council meeting of Tuesday, December 27, 2022, due to the Christmas holiday.

EXECUTIVE SUMMARY

The holiday season is approaching. The City Council historically cancels the second meeting of December in observation of the Christmas Holiday.

OUTSTANDING ISSUES

None.

DISCUSSION

The City Council regularly meets the second and fourth Tuesday of the month. The Christmas holiday falls near the second Council meeting in December. Christmas Day, December 25, 2022 falls on Sunday this year and a large number of city staff commonly schedule vacation at this time.

The request before the Council is to cancel the meeting scheduled on December 27, 2022. Should urgent matters dictate and a need for the Council to meet, the Mayor has the option to call a meeting.

FISCAL IMPACT

None.

PUBLIC HEARING

None required.



City Council Staff Report

Department: FINANCE SERVICES

December 13, 2022

To: Mayor and City Council

From: Karina Solis, Administrative Services Director

By: Maria Alaniz, City Clerk/Human Resources Director

Subject: Warrant Register October 28, November 4, 10, 18 & December 2, 9, 2022
(KS)

RECOMMENDATION

Council to review and approve the Warrant Register as presented.

EXECUTIVE SUMMARY

None.

OUTSTANDING ISSUES

None.

DISCUSSION

None.

FISCAL IMPACT

None.

PUBLIC HEARING

None required.

ATTACHMENTS:

WR 10.28.2022

WR 11.04.2022

WR 11.10.2022

WR 11.18.2022

WR 12.02.2022

WR 12.09.2022



Accounts Payable Invoice Report

Payment Date Range 10/22/22 - 10/28/22
Report By Vendor - Invoice
Summary Listing

Invoice Number	Invoice Description	Status	Held Reason	Invoice Date	Due Date	G/L Date	Received Date	Payment Date	Invoice Net Amount
Vendor 479 - Able Industries									
92246	SERVICE MONTH SEPTEMBER 2022	Paid by Check #38727		09/30/2022	10/28/2022	10/28/2022		10/28/2022	880.00
Vendor 479 - Able Industries Totals							Invoices	1	\$880.00
Vendor 206 - ADT Security Services, Inc.									
948498550	SECURITY SERVICES FOR 110 S COLLEGE	Paid by Check #38728		10/04/2022	10/28/2022	10/28/2022		10/28/2022	183.18
948530340	SECURITY SERVICES FOR WWTP	Paid by Check #38728		10/04/2022	10/28/2022	10/28/2022		10/28/2022	190.44
Vendor 206 - ADT Security Services, Inc. Totals							Invoices	2	\$373.62
Vendor 263 - Advantek Benefit Administrators									
10/14/2022	10/14/2022	Paid by Check #38729		10/14/2022	10/28/2022	10/28/2022		10/28/2022	12,945.60
10/21/2022	10/21/2022	Paid by Check #38729		10/21/2022	10/28/2022	10/28/2022		10/28/2022	59,991.59
Vendor 263 - Advantek Benefit Administrators Totals							Invoices	2	\$72,937.19
Vendor 1781 - Jacob Aguilar									
JA10242022	PD - Investigative Core Training - Lunch Reimbursement	Paid by Check #38730		10/24/2022	10/28/2022	10/28/2022		10/28/2022	143.24
Vendor 1781 - Jacob Aguilar Totals							Invoices	1	\$143.24
Vendor 20 - Ameritas Life Insurance									
11/1/22-11/30/22	010-007745-00000	Paid by Check #38731		10/07/2022	10/28/2022	10/28/2022		10/28/2022	18,904.28
Vendor 20 - Ameritas Life Insurance Totals							Invoices	1	\$18,904.28
Vendor 351 - Anthem Blue Cross									
000235263805	SANO 060M86753 06/01/22-06/30/22	Paid by Check #38733		05/04/2022	10/28/2022	10/28/2022		10/28/2022	98.70
000254489918	HARTLEY 919M97599 11/01/22-11/30/22	Paid by Check #38734		10/04/2022	10/28/2022	10/28/2022		10/28/2022	92.00
000254493202	CANALES 530M82834 11/01/22-11/30/22	Paid by Check #38737		10/04/2022	10/28/2022	10/28/2022		10/28/2022	92.00
000254495530	RAMIREZ 010W01865 11/01/22-11/30/22	Paid by Check #38738		10/04/2022	10/28/2022	10/28/2022		10/28/2022	92.00
000255834181	TYLER 141A75193 11/01/22-11/30/22	Paid by Check #38735		10/08/2022	10/28/2022	10/28/2022		10/28/2022	250.99
000255908672	HARTLEY 925M97595 11/01/22-11/30/22	Paid by Check #38732		10/08/2022	10/28/2022	10/28/2022		10/28/2022	241.77
000255965510	RAMIREZ 992W01856 11/01/22-11/30/22	Paid by Check #38736		10/08/2022	10/28/2022	10/28/2022		10/28/2022	185.82
000697675E	BILLING 11/01/2022 TO 12/01/2022	Paid by Check #38739		10/14/2022	10/28/2022	10/28/2022		10/28/2022	576.18
Vendor 351 - Anthem Blue Cross Totals							Invoices	8	\$1,629.46
Vendor 21 - Aramark Uniform Services Inc.									



Accounts Payable Invoice Report

Payment Date Range 10/22/22 - 10/28/22
Report By Vendor - Invoice
Summary Listing

Invoice Number	Invoice Description	Status	Held Reason	Invoice Date	Due Date	G/L Date	Received Date	Payment Date	Invoice Net Amount
5031070761	Fy 22/23-Parks-Uniforms for the week of 10/19/22	Paid by Check #38740		10/19/2022	10/28/2022	10/28/2022	10/10/2022	10/28/2022	64.87
Vendor 21 - Aramark Uniform Services Inc. Totals									Invoices 1 <u>\$64.87</u>
Vendor 17 - AT&T									
9391054470 10/22	FD 09/11/2022-10/10/2022	Paid by Check #38743		10/11/2022	10/28/2022	10/28/2022		10/28/2022	24.87
9391054471 10/22	FD 09/11/2022-10/10/2022	Paid by Check #38742		10/11/2022	10/28/2022	10/28/2022		10/28/2022	24.87
9391054479 10/22	FD 09/11/2022-10/10/2022	Paid by Check #38744		10/11/2022	10/28/2022	10/28/2022		10/28/2022	24.87
9391054742 10/22	FD 09/11/2022-10/10/2022	Paid by Check #38741		10/11/2022	10/28/2022	10/28/2022		10/28/2022	115.59
939105474410/22	CS - Telephone 09/11/22-10/10/22	Paid by Check #38745		10/11/2022	10/28/2022	10/28/2022		10/28/2022	367.44
Vendor 17 - AT&T Totals									Invoices 5 <u>\$557.64</u>
Vendor 376 - BCS Consulting, LLC									
2022132	Council Chamber-TV & HDMI Video upgrade	Paid by Check #38746		10/16/2022	10/28/2022	10/28/2022		10/28/2022	18,268.89
Vendor 376 - BCS Consulting, LLC Totals									Invoices 1 <u>\$18,268.89</u>
Vendor 114 - Belknap Pump Co.									
36302	Fy 22/23-Parks-Pump @ Rose Ann Vuich park	Paid by Check #38747		09/29/2022	10/28/2022	10/28/2022	10/03/2022	10/28/2022	1,022.50
Vendor 114 - Belknap Pump Co. Totals									Invoices 1 <u>\$1,022.50</u>
Vendor 405 - Broadcast Music Inc.									
10780554	Fy 22/23-CS-Licensing fee from 10/1/22-9/30/23	Paid by Check #38748		10/02/2022	10/28/2022	10/28/2022	10/11/2022	10/28/2022	391.00
Vendor 405 - Broadcast Music Inc. Totals									Invoices 1 <u>\$391.00</u>
Vendor 116 - BSK Analytical Laboratories									
AF26088	WATER SAMPLE TESTING - WATER DEPT	Paid by Check #38749		10/11/2022	10/28/2022	10/28/2022		10/28/2022	176.00
Vendor 116 - BSK Analytical Laboratories Totals									Invoices 1 <u>\$176.00</u>
Vendor 118 - California Parks & Recreation Society									
139625 2023	Fy 22/23-SE-M.Tapia renewal membership of CPRS	Paid by Check #38750		09/16/2022	10/28/2022	10/28/2022	10/24/2022	10/28/2022	165.00
Vendor 118 - California Parks & Recreation Society Totals									Invoices 1 <u>\$165.00</u>
Vendor 1275 - California Turf Equipment									
567113	Fy 22/23-Parks-Chain Saw scrench clamshell pack	Paid by Check #38751		10/24/2022	10/28/2022	10/28/2022	10/24/2022	10/28/2022	54.04
Vendor 1275 - California Turf Equipment Totals									Invoices 1 <u>\$54.04</u>
Vendor 305 - Cartozian Air Conditioning and Heating Inc.									
18509	MCC ROOM #2 UNIT	Paid by Check #38752		09/27/2022	10/28/2022	10/28/2022		10/28/2022	95.00
Vendor 305 - Cartozian Air Conditioning and Heating Inc. Totals									Invoices 1 <u>\$95.00</u>



Accounts Payable Invoice Report

Payment Date Range 10/22/22 - 10/28/22
Report By Vendor - Invoice
Summary Listing

Invoice Number	Invoice Description	Status	Held Reason	Invoice Date	Due Date	G/L Date	Received Date	Payment Date	Invoice Net Amount
Vendor 8 - City of Dinuba									
2023 Basketball	Sponsorship	Paid by Check #38753		10/20/2022	10/28/2022	10/28/2022		10/28/2022	250.00
PD10242022	PD - Petty Cash Reimbursement	Paid by Check #38754		10/24/2022	10/28/2022	10/28/2022		10/28/2022	184.94
Vendor 8 - City of Dinuba Totals							Invoices	2	<u>\$434.94</u>
Vendor 972 - City of Sanger									
IGT57 - Dinuba	July, August, September 2022	Paid by Check #38755		10/11/2022	10/28/2022	10/28/2022		10/28/2022	2,578.80
Vendor 972 - City of Sanger Totals							Invoices	1	<u>\$2,578.80</u>
Vendor 931 - CLEARS, Inc.									
2022EDIAZ	PD - CLEARS Membership - Elizabeth Diaz / Renewal	Paid by Check #38756		10/17/2022	10/28/2022	10/28/2022		10/28/2022	50.00
2022RFLORES	PD - CLEARS Membership - Rosalva Flores / New Member	Paid by Check #38756		10/17/2022	10/28/2022	10/28/2022		10/28/2022	50.00
Vendor 931 - CLEARS, Inc. Totals							Invoices	2	<u>\$100.00</u>
Vendor 1238 - Coleman & Horowitz, LLP									
475623	Tioga Solar September 2022	Paid by Check #38757		09/30/2022	10/28/2022	10/28/2022		10/28/2022	408.00
476959	Eagle Fire and Water Restoration, Inc. September 2022	Paid by Check #38757		09/30/2022	10/28/2022	10/28/2022		10/28/2022	44,149.18
Vendor 1238 - Coleman & Horowitz, LLP Totals							Invoices	2	<u>\$44,557.18</u>
Vendor 170 - Comcast									
0148178 10/12/22	680 S ALTA AVE 10/17/22-10/16/22	Paid by Check #38758		10/12/2022	10/28/2022	10/28/2022		10/28/2022	347.97
Vendor 170 - Comcast Totals							Invoices	1	<u>\$347.97</u>
Vendor 232 - Courier Printing and Village Printer									
C26473	YARD SALE PERMITS--FRONT DESK	Paid by Check #38759		10/21/2022	10/28/2022	10/29/2022		10/28/2022	525.68
Vendor 232 - Courier Printing and Village Printer Totals							Invoices	1	<u>\$525.68</u>
Vendor 720 - Dell Marketing L.P.									
10622711130	Firewall renewal	Paid by Check #38760		10/18/2022	10/28/2022	10/28/2022		10/28/2022	5,017.35
Vendor 720 - Dell Marketing L.P. Totals							Invoices	1	<u>\$5,017.35</u>
Vendor 77 - Department of Justice									
613310	PD - Blood Alcohol Analysis / September 2022	Paid by Check #38761		10/06/2022	10/28/2022	10/28/2022		10/28/2022	385.00
Vendor 77 - Department of Justice Totals							Invoices	1	<u>\$385.00</u>
Vendor 85 - Dinuba Lions Club									
09/01/2022	PD - September 2022 Dues - Chief Popovich	Paid by Check #38762		09/01/2022	10/28/2022	10/28/2022		10/28/2022	47.00
Vendor 85 - Dinuba Lions Club Totals							Invoices	1	<u>\$47.00</u>



Accounts Payable Invoice Report

Payment Date Range 10/22/22 - 10/28/22
Report By Vendor - Invoice
Summary Listing

Invoice Number	Invoice Description	Status	Held Reason	Invoice Date	Due Date	G/L Date	Received Date	Payment Date	Invoice Net Amount
Vendor 200 - Dinuba Unified School District									
30	22-23 Yearbook Ad	Paid by Check #38763		10/29/2022	10/28/2022	10/28/2022		10/28/2022	100.00
		Vendor 200 - Dinuba Unified School District Totals				Invoices	1		\$100.00
Vendor 1591 - Environment Control									
17045-299	JANITORIAL SERVICES - OCTOBER 2022	Paid by Check #38764		10/01/2022	10/28/2022	10/28/2022		10/28/2022	6,621.97
		Vendor 1591 - Environment Control Totals				Invoices	1		\$6,621.97
Vendor 1244 - Fire Apparatus Solutions									
24148	REPAIR PART(S) FOR T 32	Paid by Check #38765		10/05/2022	10/28/2022	10/28/2022		10/28/2022	487.24
		Vendor 1244 - Fire Apparatus Solutions Totals				Invoices	1		\$487.24
Vendor 1801 - Garda CL West, INC									
20543879	SERVICE MONTH SEPTEMBER 2022	Paid by Check #38766		09/30/2022	10/28/2022	10/28/2022		10/28/2022	13.08
10712176	SERVICE MONTH OCTOBER 2022	Paid by Check #38766		10/01/2022	10/28/2022	10/28/2022		10/28/2022	1,334.17
		Vendor 1801 - Garda CL West, INC Totals				Invoices	2		\$1,347.25
Vendor 18 - The Gas Company									
1620158000410/22	FD 496 E TULARE ST 09/02/22-10/04/22	Paid by Check #38767		10/06/2022	10/28/2022	10/28/2022		10/28/2022	30.54
		Vendor 18 - The Gas Company Totals				Invoices	1		\$30.54
Vendor 1351 - Grant's AC & Heating Inc.									
55441472	added refrigerant to the squad room A/C unit	Paid by Check #38768		10/12/2022	10/28/2022	10/28/2022		10/28/2022	1,540.00
		Vendor 1351 - Grant's AC & Heating Inc. Totals				Invoices	1		\$1,540.00
Vendor 1841 - Hamner, Jewell & Associates									
202072	Hamner Jewell Kamm and Alta	Paid by Check #38769		10/12/2022	10/28/2022	10/28/2022		10/28/2022	797.16
		Vendor 1841 - Hamner, Jewell & Associates Totals				Invoices	1		\$797.16
Vendor 496 - The Hanover Insurance Company									
07/01/22-07/1/23	RHF A044134	Paid by Check #38770		10/07/2022	10/28/2022	10/28/2022		10/28/2022	12,937.80
		Vendor 496 - The Hanover Insurance Company Totals				Invoices	1		\$12,937.80
Vendor 1431 - Patricia Hartman									
10/21/2022	Anthem Reimb 11/01/2022-11/30/2022	Paid by Check #38771		10/21/2022	10/28/2022	10/28/2022		10/28/2022	92.00
		Vendor 1431 - Patricia Hartman Totals				Invoices	1		\$92.00
Vendor 139 - Henry Schein Inc.									
25098668	Supplies	Paid by Check #38772		09/26/2022	10/28/2022	10/28/2022		10/28/2022	68.14
25954067	Supplies	Paid by Check #38772		09/26/2022	10/28/2022	10/28/2022		10/28/2022	550.43



Accounts Payable Invoice Report

Payment Date Range 10/22/22 - 10/28/22
Report By Vendor - Invoice
Summary Listing

Invoice Number	Invoice Description	Status	Held Reason	Invoice Date	Due Date	G/L Date	Received Date	Payment Date	Invoice Net Amount
		Vendor	139 - Henry Schein Inc. Totals			Invoices	2		\$618.57
Vendor	208 - Interwest Consulting Group Inc.								
82258	PLAN CHECK - 9/1-9/30/2022 943 E PARKWAY	Paid by Check #38773		10/13/2022	10/28/2022	10/28/2022		10/28/2022	420.00
		Vendor	208 - Interwest Consulting Group Inc. Totals			Invoices	1		\$420.00
Vendor	6 - Jim Manning Dodge Inc.								
DOCS141064	PD- U#21	Paid by Check #38774		10/12/2022	10/28/2022	10/28/2022		10/28/2022	40.00
		Vendor	6 - Jim Manning Dodge Inc. Totals			Invoices	1		\$40.00
Vendor	256 - Kamps Propane Inc.								
22523	2022 Tank Rental	Paid by Check #38775		08/31/2022	10/28/2022	10/28/2022		10/28/2022	60.69
		Vendor	256 - Kamps Propane Inc. Totals			Invoices	1		\$60.69
Vendor	78 - Kansas State Bank of Manhattan								
59596-10-2022	HOT BOX Payment #2	Paid by Check #38776		10/19/2022	10/28/2022	10/28/2022		10/28/2022	10,956.80
		Vendor	78 - Kansas State Bank of Manhattan Totals			Invoices	1		\$10,956.80
Vendor	1403 - Kings Industrial Occupational Medical Center, Inc.								
163906	SERVICE MONTH SEPTEMBER 2022	Paid by Check #38777		10/10/2022	10/28/2022	10/28/2022		10/28/2022	360.00
		Vendor	1403 - Kings Industrial Occupational Medical Center, Inc. Totals			Invoices	1		\$360.00
Vendor	796 - L.N. Curtis & Sons								
INV638863	Supplies	Paid by Check #38778		10/06/2022	10/28/2022	10/28/2022		10/28/2022	421.78
INV639647	Flashlights	Paid by Check #38778		10/11/2022	10/28/2022	10/28/2022		10/28/2022	451.43
		Vendor	796 - L.N. Curtis & Sons Totals			Invoices	2		\$873.21
Vendor	1830 - Lara Asphalt Seal Coating								
0280	Lara Autumn Gate sidewalk	Paid by Check #38779		10/05/2022	10/28/2022	10/28/2022		10/28/2022	9,850.00
		Vendor	1830 - Lara Asphalt Seal Coating Totals			Invoices	1		\$9,850.00
Vendor	449 - Les Schwab Tire Centers of Central California								
55100293975	ALIGNMENT FOR M 734	Paid by Check #38780		10/11/2022	10/28/2022	10/28/2022		10/28/2022	109.99
55100294047	ALIGNMENT LABOR AND SLEEVE FOR M 734	Paid by Check #38780		10/12/2022	10/28/2022	10/28/2022		10/28/2022	216.16
55100294280	Bus #9 Tires	Paid by Check #38780		10/14/2022	10/28/2022	10/28/2022		10/28/2022	1,565.10
55100294509	4 TIRES FOR PD45	Paid by Check #38780		10/18/2022	10/28/2022	10/28/2022		10/28/2022	1,223.42
		Vendor	449 - Les Schwab Tire Centers of Central California Totals			Invoices	4		\$3,114.67
Vendor	1723 - Matson Alarm Co, Inc.								
3147283	Fy 22/23-Sportsplex-Monthly billing for alarm services	Paid by Check #38781		11/01/2022	10/28/2022	10/28/2022	10/19/2022	10/28/2022	90.00
		Vendor	1723 - Matson Alarm Co, Inc. Totals			Invoices	1		\$90.00



Accounts Payable Invoice Report

Payment Date Range 10/22/22 - 10/28/22
Report By Vendor - Invoice
Summary Listing

Invoice Number	Invoice Description	Status	Held Reason	Invoice Date	Due Date	G/L Date	Received Date	Payment Date	Invoice Net Amount
Vendor 1780 - Tim McLean									
10/19/2022	Anthem Reimb 07/01/2022-09/30/2022	Paid by Check #38782		10/19/2022	10/28/2022	10/28/2022		10/28/2022	654.14
Vendor 1780 - Tim McLean Totals							Invoices	1	\$654.14
Vendor 22 - Moore Twining Associates Inc.									
2377215	WATER SAMPLE TESTING - WATER DEPT	Paid by Check #38783		10/11/2022	10/28/2022	10/28/2022		10/28/2022	108.00
2377243	WATER SAMPLE TESTING WWTP - INDUSTRIAL	Paid by Check #38783		10/11/2022	10/28/2022	10/28/2022		10/28/2022	88.00
2377286	WATER SAMPLE TESTING WWTP - INDUSTRIAL	Paid by Check #38783		10/13/2022	10/28/2022	10/28/2022		10/28/2022	88.00
Vendor 22 - Moore Twining Associates Inc. Totals							Invoices	3	\$284.00
Vendor 88 - Municipal Maintenance Equipment Inc.									
0174281-IN	REPAIR PART(S) FOR U 45	Paid by Check #38784		10/03/2022	10/28/2022	10/28/2022		10/28/2022	107.12
Vendor 88 - Municipal Maintenance Equipment Inc. Totals							Invoices	1	\$107.12
Vendor 109 - National Emblem Inc.									
399321	PD - Uniform Patches	Paid by Check #38785		10/18/2022	10/28/2022	10/28/2022		10/28/2022	2,061.67
Vendor 109 - National Emblem Inc. Totals							Invoices	1	\$2,061.67
Vendor 504 - NVB Equipment Inc.									
DI01237	REPAIR PART(S) FOR T 32	Paid by Check #38786		10/11/2022	10/28/2022	10/28/2022		10/28/2022	70.05
Vendor 504 - NVB Equipment Inc. Totals							Invoices	1	\$70.05
Vendor 142 - Office Depot BSD									
272399847001	Office Supplies	Paid by Check #38787		10/06/2022	10/28/2022	10/28/2022		10/28/2022	55.72
Vendor 142 - Office Depot BSD Totals							Invoices	1	\$55.72
Vendor 76 - Pacific Gas & Electric									
3166578419010/22	3007 W KAMM AVE 09/19/22-10/17/22	Paid by Check #38789		10/18/2022	10/28/2022	10/28/2022		10/28/2022	1.95
3547447107110/22	FD 420 E TULARE ST 09/08/22-10/06/22	Paid by Check #38788		10/10/2022	10/28/2022	10/28/2022		10/28/2022	867.83
6183054474010/22	496 E TULARE ST 09/08/22-10/06/22	Paid by Check #38790		10/10/2022	10/28/2022	10/28/2022		10/28/2022	4,399.13
1693144969410/22	Parks - N/KAMM E/GREEN 09/09/22-10/09/22	Paid by Check #38792		10/10/2022	10/28/2022	10/28/2022		10/28/2022	291.14
6021181187610/22	Sportsplex - 201 N URUAPAN WAY 09/08/22-10/06/22	Paid by Check #38794		10/10/2022	10/28/2022	10/28/2022		10/28/2022	2,255.91
7314274871110/22	CS & Parks 09/01/22-10/02/22	Paid by Check #38795		10/11/2022	10/28/2022	10/28/2022		10/28/2022	3,888.63
1557710974510/22	Parks - 1851 E KAMM AVE 09/12/22-10/10/22	Paid by Check #38791		10/12/2022	10/28/2022	10/28/2022		10/28/2022	2,173.62



Accounts Payable Invoice Report

Payment Date Range 10/22/22 - 10/28/22
Report By Vendor - Invoice
Summary Listing

Invoice Number	Invoice Description	Status	Held Reason	Invoice Date	Due Date	G/L Date	Received Date	Payment Date	Invoice Net Amount
4323390246910/22	L & L - CITRUS HEIGHTS VENTURA AND O 09/16/22-10/14/22	Paid by Check #38793		10/14/2022	10/28/2022	10/28/2022		10/28/2022	67.40
9018373735310/22	L & L DUNMORE HOMES VISCAYA 1 AT SAGINA 09/16/22-10/14/22	Paid by Check #38796		10/14/2022	10/28/2022	10/28/2022		10/28/2022	986.51
9196176758810/22	L & L SIERRA WAY AND BUENA VISTA AVE 09/16/22-10/14/22	Paid by Check #38797		10/14/2022	10/28/2022	10/28/2022		10/28/2022	84.90
			Vendor 76 - Pacific Gas & Electric Totals			Invoices	10		\$15,017.02
Vendor 7 - Pena's Disposal Services									
689608	SUMMER CLEAN UP 2022	Paid by Check #38798		10/04/2022	10/28/2022	10/28/2022		10/28/2022	12,229.24
			Vendor 7 - Pena's Disposal Services Totals			Invoices	1		\$12,229.24
Vendor 1845 - Pinnacle Pharma, LLC									
13398	Supplies	Paid by Check #38799		09/20/2022	10/28/2022	10/28/2022		10/28/2022	482.02
			Vendor 1845 - Pinnacle Pharma, LLC Totals			Invoices	1		\$482.02
Vendor 38 - Reedley Irrigation System									
RIS-POS02-42748	FY 22/23-Parks-Coupling & tee 4x4x2 Red S/S/S	Paid by Check #38800		10/20/2022	10/28/2022	10/28/2022	10/24/2022	10/28/2022	68.61
			Vendor 38 - Reedley Irrigation System Totals			Invoices	1		\$68.61
Vendor 349 - RES COM Pest Control									
2065070	PD - Dog Kennels Pest Control	Paid by Check #38801		10/19/2022	10/28/2022	10/28/2022		10/28/2022	48.00
			Vendor 349 - RES COM Pest Control Totals			Invoices	1		\$48.00
Vendor 957 - Shred-It USA LLC									
8002560802	PD - Shred Service	Paid by Check #38802		10/18/2022	10/28/2022	10/28/2022		10/28/2022	132.13
			Vendor 957 - Shred-It USA LLC Totals			Invoices	1		\$132.13
Vendor 1866 - SitelogIQ, INC.									
002161	Energy Manager	Paid by Check #38803		05/10/2022	10/28/2022	10/28/2022		10/28/2022	14,392.19
			Vendor 1866 - SitelogIQ, INC. Totals			Invoices	1		\$14,392.19
Vendor 121 - State of California									
5400170 2022	FY 22/23-SE-Third quarter qrtly fee 7/1-9/30	Paid by Check #38804		09/30/2022	10/28/2022	10/28/2022	10/24/2022	10/28/2022	12.00
			Vendor 121 - State of California Totals			Invoices	1		\$12.00
Vendor 1442 - Superior Pool Products, LLC									
Q2021066	CHLORINE FOR WWTP	Paid by Check #38805		10/12/2022	10/28/2022	10/28/2022		10/28/2022	354.14
			Vendor 1442 - Superior Pool Products, LLC Totals			Invoices	1		\$354.14
Vendor 1447 - Monte Sylvester									
10/24/2022	Anthem Reimb 11/01/2022-11/30/2022	Paid by Check #38806		10/24/2022	10/28/2022	10/28/2022		10/28/2022	320.56



Accounts Payable Invoice Report

Payment Date Range 10/22/22 - 10/28/22
Report By Vendor - Invoice
Summary Listing

Invoice Number	Invoice Description	Status	Held Reason	Invoice Date	Due Date	G/L Date	Received Date	Payment Date	Invoice Net Amount
Vendor 1447 - Monte Sylvester Totals						Invoices	1		\$320.56
Vendor 189 - Terminix International									
425409914	Fy 22/23-CS-Pest control service for rec center	Paid by Check #38807		09/29/2022	10/28/2022	10/28/2022	10/11/2022	10/28/2022	79.00
Vendor 189 - Terminix International Totals						Invoices	1		\$79.00
Vendor 1564 - The Home Depot Pro									
710664913	ANTIBACTERIAL HAND SOAP	Paid by Check #38808		10/06/2022	10/28/2022	10/28/2022		10/28/2022	459.00
Vendor 1564 - The Home Depot Pro Totals						Invoices	1		\$459.00
Vendor 426 - Tioga Solar									
1060272655	SOLAR PRODUCTION - SEPTEMBER 2022	Paid by Check #38809		09/30/2022	10/28/2022	10/28/2022		10/28/2022	37,092.53
Vendor 426 - Tioga Solar Totals						Invoices	1		\$37,092.53
Vendor 311 - Top Dog Training Center									
1618	PD - K9 Maintenance / Enzo & Zeus	Paid by Check #38810		10/20/2022	10/28/2022	10/28/2022		10/28/2022	180.00
Vendor 311 - Top Dog Training Center Totals						Invoices	1		\$180.00
Vendor 1633 - Toyota Industries Commercial Finance, Inc.									
4003631231	Toyota	Paid by Check #38811		10/14/2022	10/28/2022	10/28/2022		10/28/2022	994.54
Vendor 1633 - Toyota Industries Commercial Finance, Inc. Totals						Invoices	1		\$994.54
Vendor 1865 - Traffic Logix Corporation									
SIN17421	Traffic Logix	Paid by Check #38812		08/31/2022	10/28/2022	10/28/2022		10/28/2022	5,670.21
Vendor 1865 - Traffic Logix Corporation Totals						Invoices	1		\$5,670.21
Vendor 561 - America Trevino									
10/24/2022	Anthem Reimb 10/01/2022-10/31/2022	Paid by Check #38813		10/24/2022	10/28/2022	10/28/2022		10/28/2022	201.38
Vendor 561 - America Trevino Totals						Invoices	1		\$201.38
Vendor 49 - Tulare County									
19403	Magnetic Patches	Paid by Check #38814		10/13/2022	10/28/2022	10/28/2022		10/28/2022	12.93
Vendor 49 - Tulare County Totals						Invoices	1		\$12.93
Vendor 296 - Tulare Kings Veterinary Emergency									
182036	PD - Veterinary Fees	Paid by Check #38815		10/22/2022	10/28/2022	10/28/2022		10/28/2022	217.66
Vendor 296 - Tulare Kings Veterinary Emergency Totals						Invoices	1		\$217.66
Vendor 192 - UNUM Life Insurance Company of America									
10/1/22-10/31/22	0537123-001	Paid by Check #38816		09/09/2022	10/28/2022	10/28/2022		10/28/2022	11,844.15
11/1/22-11/30/22	0537123-001	Paid by Check #38816		10/10/2022	10/28/2022	10/28/2022		10/28/2022	8,954.67
Vendor 192 - UNUM Life Insurance Company of America Totals						Invoices	2		\$20,798.82



Accounts Payable Invoice Report

Payment Date Range 10/22/22 - 10/28/22
Report By Vendor - Invoice
Summary Listing

Invoice Number	Invoice Description	Status	Held Reason	Invoice Date	Due Date	G/L Date	Received Date	Payment Date	Invoice Net Amount
Vendor 273 - US Bank									
485124770	PD - Copiers Lease	Paid by Check #38817		10/19/2022	10/28/2022	10/28/2022		10/28/2022	907.08
Vendor 273 - US Bank Totals							Invoices	1	\$907.08
Vendor 354 - Verizon Wireless									
9918205293	CM 09/15/22 to 10/14/22	Paid by Check #38821		10/14/2022	10/28/2022	10/28/2022		10/28/2022	129.61
9918205292	Administration 09/15/22 to 10/14/22	Paid by Check #38820		10/14/2022	10/28/2022	10/28/2022		10/28/2022	127.02
9918104779	October 2022	Paid by Check #38818		10/12/2022	10/28/2022	10/28/2022		10/28/2022	336.25
9917633861	Acct# 972514922-00001	Paid by Check #38819		10/07/2022	10/28/2022	10/28/2022		10/28/2022	657.62
Vendor 354 - Verizon Wireless Totals							Invoices	4	\$1,250.50
Vendor 1867 - Vietnam Veterans of America, Chapter #643-DINUBA									
10/27/2022	20th Annual Veterans Dinner Sponsorship 2022	Paid by Check #38829		10/27/2022	10/28/2022	10/28/2022		10/28/2022	500.00
Vendor 1867 - Vietnam Veterans of America, Chapter #643-DINUBA Totals							Invoices	1	\$500.00
Vendor 297 - Vincent Communications, Inc.									
84991	Radios	Paid by Check #38822		10/17/2022	10/28/2022	10/28/2022		10/28/2022	1,700.79
Vendor 297 - Vincent Communications, Inc. Totals							Invoices	1	\$1,700.79
Vendor 1382 - XiO, Inc.									
20122725	Stormwater SCADA	Paid by Check #38823		09/07/2022	10/28/2022	10/28/2022		10/28/2022	57,316.19
Vendor 1382 - XiO, Inc. Totals							Invoices	1	\$57,316.19
Vendor 347 - Zoll Data Systems									
INV00126909	FireRMS Ent. 11/1/22 - 1/31/23	Paid by Check #38824		10/03/2022	10/28/2022	10/28/2022		10/28/2022	173.25
Vendor 347 - Zoll Data Systems Totals							Invoices	1	\$173.25
Vendor 209 - Zweigle Septic Service									
37774	Rentals	Paid by Check #38825		10/14/2022	10/28/2022	10/28/2022		10/28/2022	535.00
37606	Fy 22/23-SE-Additional restroom/hand wash for dog days	Paid by Check #38825		10/22/2022	10/28/2022	10/28/2022	10/24/2022	10/28/2022	185.00
37613	PD - Hand-Wash Station	Paid by Check #38825		10/24/2022	10/28/2022	10/28/2022		10/28/2022	75.00
Vendor 209 - Zweigle Septic Service Totals							Invoices	3	\$795.00
Vendor Maria Alcalá									
Refund fees	Fy 22/23-Sports Prog-Refund on reg charged 2x for A.Solis	Paid by Check #38826		10/21/2022	10/28/2022	10/28/2022	10/21/2022	10/28/2022	50.00
Vendor Maria Alcalá Totals							Invoices	1	\$50.00
Vendor KLASSEN & SMITH CONSTRUCTION									
2021-00000009	Contractual	Paid by Check #38827		10/24/2022	10/28/2022	10/28/2022		10/28/2022	660.79
Vendor KLASSEN & SMITH CONSTRUCTION Totals							Invoices	1	\$660.79



Accounts Payable Invoice Report

Payment Date Range 10/22/22 - 10/28/22
 Report By Vendor - Invoice
 Summary Listing

Invoice Number	Invoice Description	Status	Held Reason	Invoice Date	Due Date	G/L Date	Received Date	Payment Date	Invoice Net Amount
Vendor Lucilo Serna									
Refund	Double Payment	Paid by Check #38828		10/20/2022	10/28/2022	10/28/2022		10/28/2022	65.00
			Vendor Lucilo Serna Totals			Invoices	1		\$65.00
			Grand Totals			Invoices	118		\$395,407.83



Accounts Payable Invoice Report

Payment Date Range 10/29/22 - 11/04/22
Report By Vendor - Invoice
Summary Listing

Invoice Number	Invoice Description	Status	Held Reason	Invoice Date	Due Date	G/L Date	Received Date	Payment Date	Invoice Net Amount
Vendor 1143 - AAA Quality Services, Inc.									
00329944	Fy 22/23-Parks-Potty rental for Centennial park	Paid by Check #38830		10/22/2022	11/04/2022	11/04/2022	10/25/2022	11/04/2022	258.13
00329945	Fy 22/23-Parks-Portable potty rentals/clngs for Nebraska park	Paid by Check #38830		10/22/2022	11/04/2022	11/04/2022	10/25/2022	11/04/2022	280.13
Vendor 1143 - AAA Quality Services, Inc. Totals							Invoices	2	\$538.26
Vendor 548 - Adamson Police Products									
INV372592	PD - Range/Armory Supplies	Paid by Check #38831		02/28/2022	11/04/2022	11/04/2022		11/04/2022	728.52
INV373725	PD - Range/Armory Supplies	Paid by Check #38831		03/17/2022	11/04/2022	11/04/2022		11/04/2022	2,058.79
INV380203	PD - Armory/Range Supplies	Paid by Check #38831		07/01/2022	11/04/2022	11/04/2022		11/04/2022	8,892.66
Vendor 548 - Adamson Police Products Totals							Invoices	3	\$11,679.97
Vendor 206 - ADT Security Services, Inc.									
950255067	SECURITY SERVICES FOR WWTP	Paid by Check #38832		10/13/2022	11/04/2022	11/04/2022		11/04/2022	182.82
Vendor 206 - ADT Security Services, Inc. Totals							Invoices	1	\$182.82
Vendor 17 - AT&T									
9391054736 10/22	PD - 09/20/2022 - 10/19/2022 Billing Charges	Paid by Check #38839		10/20/2022	11/04/2022	11/04/2022		11/04/2022	141.11
939103727710/22	PW - telephone 09/10/22-10/09/22	Paid by Check #38836		10/10/2022	11/04/2022	11/04/2022		11/04/2022	27.52
939105447210/22	PW - telephone 09/10/22-10/09/22	Paid by Check #38834		10/10/2022	11/04/2022	11/04/2022		11/04/2022	48.06
939105447410/22	PW - telephone 09/10/22-10/09/22	Paid by Check #38835		10/10/2022	11/04/2022	11/04/2022		11/04/2022	48.45
939105447710/22	PW - telephone 09/10/22-10/09/22	Paid by Check #38838		10/10/2022	11/04/2022	11/04/2022		11/04/2022	24.87
939105447810/22	PW - telephone 09/10/22-10/09/22	Paid by Check #38837		10/10/2022	11/04/2022	11/04/2022		11/04/2022	24.87
939105474110/22	PW - telephone 09/11/22-10/10/22	Paid by Check #38833		10/11/2022	11/04/2022	11/04/2022		11/04/2022	303.13
Vendor 17 - AT&T Totals							Invoices	7	\$618.01
Vendor 289 - AT&T Mobility LLC									
28729321286810/2	PW 09/17/22-10/16/22	Paid by Check #38840		10/16/2022	11/04/2022	11/04/2022		11/04/2022	257.09
Vendor 289 - AT&T Mobility LLC Totals							Invoices	1	\$257.09
Vendor 1044 - AutoZone, Inc.									
2833836340	REPAIR PART(S) FOR U 41	Paid by Check #38841		10/19/2022	11/04/2022	11/04/2022		11/04/2022	16.37
Vendor 1044 - AutoZone, Inc. Totals							Invoices	1	\$16.37
Vendor 116 - BSK Analytical Laboratories									
AF27055	WATER SAMPLE TESTING - WATER DEPT	Paid by Check #38842		10/20/2022	11/04/2022	11/04/2022		11/04/2022	176.00



Accounts Payable Invoice Report

Payment Date Range 10/29/22 - 11/04/22
Report By Vendor - Invoice
Summary Listing

Invoice Number	Invoice Description	Status	Held Reason	Invoice Date	Due Date	G/L Date	Received Date	Payment Date	Invoice Net Amount
AF26365	WATER SAMPLE TESTING - WATER DEPT	Paid by Check #38842		10/21/2022	11/04/2022	11/04/2022		11/04/2022	176.00
AF26527	WATER SAMPLE TESTING - WATER DEPT	Paid by Check #38842		10/21/2022	11/04/2022	11/04/2022		11/04/2022	154.00
AF27390	WATER SAMPLE TESTING - WATER DEPT	Paid by Check #38842		10/24/2022	11/04/2022	11/04/2022		11/04/2022	176.00
AF27867	WATER SAMPLE TESTING - WATER DEPT	Paid by Check #38842		10/27/2022	11/04/2022	11/04/2022		11/04/2022	371.00
Vendor 116 - BSK Analytical Laboratories Totals							Invoices	5	\$1,053.00
Vendor 74 - Buddy's Trophies & Advertising Spec.									
33262	Fy 22/23-Sports Prog-Trophies for soccer season 2022	Paid by Check #38843		10/25/2022	11/04/2022	11/04/2022	10/28/2022	11/04/2022	2,711.82
Vendor 74 - Buddy's Trophies & Advertising Spec. Totals							Invoices	1	\$2,711.82
Vendor 94 - California Public Employees Retirement									
10/09-10/22/2022	Payroll 10/09/2022-10/22/2022	Paid by EFT #2194		10/26/2022	10/31/2022	10/31/2022		10/31/2022	83,761.29
Vendor 94 - California Public Employees Retirement Totals							Invoices	1	\$83,761.29
Vendor 151 - California Rural Water Association									
CRWA 2023	MEMBERSHIP DUES 12/1/2022-12/2/2023	Paid by Check #38844		10/11/2022	11/04/2022	11/04/2022		11/04/2022	1,435.00
Vendor 151 - California Rural Water Association Totals							Invoices	1	\$1,435.00
Vendor 305 - Cartozian Air Conditioning and Heating Inc.									
18580	PD - Seasonal HVAC Service / 7 Units	Paid by Check #38845		10/24/2022	11/04/2022	11/04/2022		11/04/2022	550.00
Vendor 305 - Cartozian Air Conditioning and Heating Inc. Totals							Invoices	1	\$550.00
Vendor 411 - Central Valley Clean Water Association									
300000282	MEMBERSHIP DUES 7/1/2022-6/30/2022	Paid by Check #38846		10/24/2022	11/04/2022	11/04/2022		11/04/2022	2,200.00
Vendor 411 - Central Valley Clean Water Association Totals							Invoices	1	\$2,200.00
Vendor 170 - Comcast									
0191269	10/22/22 201 N URUAPAN WAY 10/27/22-11/26/22	Paid by Check #38847		10/27/2022	11/04/2022	11/04/2022		11/04/2022	302.21
Vendor 170 - Comcast Totals							Invoices	1	\$302.21
Vendor 1576 - Creative Asphalt, Inc.									
8034	ASPHALT REPAIRS 1385 E ELIZABETH	Paid by Check #38848		10/17/2022	11/04/2022	11/04/2022		11/04/2022	4,970.00
8035	ASPHALT REPAIRS - 1835 S JOHNSON, 305 S O ST	Paid by Check #38848		10/17/2022	11/04/2022	11/04/2022		11/04/2022	4,970.00
8036	ASPHALT REPAIRS - 1675 S COLLEGE, 1035 E PARKWAY, 1835 S JOHNSON	Paid by Check #38848		10/17/2022	11/04/2022	11/04/2022		11/04/2022	4,970.00



Accounts Payable Invoice Report

Payment Date Range 10/29/22 - 11/04/22
Report By Vendor - Invoice
Summary Listing

Invoice Number	Invoice Description	Status	Held Reason	Invoice Date	Due Date	G/L Date	Received Date	Payment Date	Invoice Net Amount
Vendor 1576 - Creative Asphalt, Inc. Totals									Invoices 3 <u>\$14,910.00</u>
Vendor 30 - Dinuba Chamber of Commerce									
06011291	Thanksgiving Dinner 2020	Paid by Check #38849		10/25/2022	11/04/2022	11/04/2022		11/04/2022	1,000.00
06011291B	Thanksgiving Dinner 2021	Paid by Check #38849		10/25/2022	11/04/2022	11/04/2022		11/04/2022	1,000.00
06011287	LNTC CLASS TUITION - ANNA SANTILLAN	Paid by Check #38849		10/24/2022	11/04/2022	11/04/2022		11/04/2022	850.00
Vendor 30 - Dinuba Chamber of Commerce Totals									Invoices 3 <u>\$2,850.00</u>
Vendor 166 - Dinuba Glass LLC.									
29058	GLASS ONLY FOR CH	Paid by Check #38850		10/18/2022	11/04/2022	11/04/2022		11/04/2022	17.91
Vendor 166 - Dinuba Glass LLC. Totals									Invoices 1 <u>\$17.91</u>
Vendor 309 - Elbert Distributing									
22040130	FUELS FOR SHOP	Paid by Check #38851		10/13/2022	11/04/2022	11/04/2022		11/04/2022	133.09
Vendor 309 - Elbert Distributing Totals									Invoices 1 <u>\$133.09</u>
Vendor 36 - Ewing Irrigation Products									
17999464	STREET SUPPLIES	Paid by Check #38852		10/11/2022	11/04/2022	11/04/2022		11/04/2022	741.54
Vendor 36 - Ewing Irrigation Products Totals									Invoices 1 <u>\$741.54</u>
Vendor 377 - Fresno Truck Center									
FA001685153:01	REPAIR PART(S) FOR U 04	Paid by Check #38853		10/18/2022	11/04/2022	11/04/2022		11/04/2022	58.80
Vendor 377 - Fresno Truck Center Totals									Invoices 1 <u>\$58.80</u>
Vendor 18 - The Gas Company									
1137157864909/22	PD - 08/04/2022 - 09/02/2022	Paid by Check #38858		09/07/2022	11/04/2022	11/04/2022		11/04/2022	14.30
	Billing Charges								
1830985449709/22	PD - 08/04/2022 - 09/02/2022	Paid by Check #38856		09/07/2022	11/04/2022	11/04/2022		11/04/2022	100.45
	Billing Charges								
1137157864910/22	PD - 09/02/2022 - 10/04/2022 -	Paid by Check #38857		10/06/2022	11/04/2022	11/04/2022		11/04/2022	15.88
	Billing Charges								
1830985449710/22	PD - 09/02/2022 - 10/04/2022	Paid by Check #38855		10/06/2022	11/04/2022	11/04/2022		11/04/2022	113.51
	Billing Charges								
1285520359710/22	1088 E KAMM AVE OFFICE	Paid by Check #38854		10/07/2022	11/04/2022	11/04/2022		11/04/2022	19.78
	09/06/22-10/05/22								
Vendor 18 - The Gas Company Totals									Invoices 5 <u>\$263.92</u>
Vendor 712 - GLS US									
4846139	POSTAGE	Paid by Check #38859		10/16/2022	11/04/2022	11/04/2022		11/04/2022	18.96
Vendor 712 - GLS US Totals									Invoices 1 <u>\$18.96</u>
Vendor 174 - Howard's Pest Control									
108542	Fy 22/23-Sportsplex-Pest control for plex	Paid by Check #38861		10/04/2022	11/04/2022	11/04/2022	10/31/2022	11/04/2022	117.00



Accounts Payable Invoice Report

Payment Date Range 10/29/22 - 11/04/22
Report By Vendor - Invoice
Summary Listing

Invoice Number	Invoice Description	Status	Held Reason	Invoice Date	Due Date	G/L Date	Received Date	Payment Date	Invoice Net Amount
Vendor 174 - Howard's Pest Control Totals				Invoices			1		\$117.00
Vendor 440 - Johnson Controls Security Solutions									
37999761	SECURITY SERVICES FOR WATER TOWER ON SIERRA	Paid by Check #38862		10/08/2022	11/04/2022	11/04/2022		11/04/2022	76.76
Vendor 440 - Johnson Controls Security Solutions Totals				Invoices			1		\$76.76
Vendor 785 - Judicial Council of California									
54A Q1FY22	Dinuba Courthouse Shared Cost through 09/30/22	Paid by Check #38863		09/30/2022	11/04/2022	11/04/2022		11/04/2022	1,186.58
Vendor 785 - Judicial Council of California Totals				Invoices			1		\$1,186.58
Vendor 256 - Kamps Propane Inc.									
30168	PROPANE FOR WWTP RCR PROJECT	Paid by Check #38864		07/01/2022	11/04/2022	11/04/2022		11/04/2022	2,179.41
59010	PROPANE	Paid by Check #38864		07/18/2022	11/04/2022	11/04/2022		11/04/2022	346.28
Vendor 256 - Kamps Propane Inc. Totals				Invoices			2		\$2,525.69
Vendor 89 - Liebert Cassidy Whitmore									
226263	DIO30-00001 General September 2022	Paid by Check #38865		09/30/2022	11/04/2022	11/04/2022		11/04/2022	1,159.00
Vendor 89 - Liebert Cassidy Whitmore Totals				Invoices			1		\$1,159.00
Vendor 1723 - Matson Alarm Co, Inc.									
3155818	City Hall 11/01/22-11/30/22	Paid by Check #38866		11/01/2022	11/04/2022	11/04/2022		11/04/2022	43.00
Vendor 1723 - Matson Alarm Co, Inc. Totals				Invoices			1		\$43.00
Vendor 589 - Rosa Montanez									
10/26/2022	REIMB ANTHEM 11/01/22-11/30/22	Paid by Check #38867		10/26/2022	11/04/2022	11/04/2022		11/04/2022	214.65
Vendor 589 - Rosa Montanez Totals				Invoices			1		\$214.65
Vendor 88 - Municipal Maintenance Equipment Inc.									
0174667-IN	REPAIR PART(S) FOR U 45	Paid by Check #38868		09/21/2022	11/04/2022	11/04/2022		11/04/2022	1,027.65
0174725-IN	REPAIR PART(S) FOR U 45	Paid by Check #38868		10/10/2022	11/04/2022	11/04/2022		11/04/2022	806.11
Vendor 88 - Municipal Maintenance Equipment Inc. Totals				Invoices			2		\$1,833.76
Vendor 749 - MuniServices									
INV06-015258	SUTA CA - Q2, 2022-SERVICE	Paid by Check #38869		10/28/2022	11/04/2022	11/04/2022		11/04/2022	521.28
INV06-015259	SUTA CA - Q2, 2022 - District Tax	Paid by Check #38869		10/28/2022	11/04/2022	11/04/2022		11/04/2022	2,191.94
Vendor 749 - MuniServices Totals				Invoices			2		\$2,713.22
Vendor 1754 - Navia Benefits Solutions									
10530187	202201 - Sec. 125 Participant Fee 10/22	Paid by Check #38870		10/30/2022	11/04/2022	11/04/2022		11/04/2022	312.00
Vendor 1754 - Navia Benefits Solutions Totals				Invoices			1		\$312.00



Accounts Payable Invoice Report

Payment Date Range 10/29/22 - 11/04/22
Report By Vendor - Invoice
Summary Listing

Invoice Number	Invoice Description	Status	Held Reason	Invoice Date	Due Date	G/L Date	Received Date	Payment Date	Invoice Net Amount
Vendor 142 - Office Depot BSD									
272940938001	PD - Supplies	Paid by Check #38871		10/12/2022	11/04/2022	11/04/2022		11/04/2022	58.71
272977113001	PD - Supplies	Paid by Check #38871		10/17/2022	11/04/2022	11/04/2022		11/04/2022	139.94
Vendor 142 - Office Depot BSD Totals							Invoices	2	\$198.65
Vendor 1773 - Pace Supply Corp.									
198074214	WATER DEPT SUPPLIES	Paid by Check #38872		10/04/2022	11/04/2022	11/04/2022		11/04/2022	467.50
198078829	WATER DEPT SUPPLIES	Paid by Check #38872		10/07/2022	11/04/2022	11/04/2022		11/04/2022	259.97
Vendor 1773 - Pace Supply Corp. Totals							Invoices	2	\$727.47
Vendor 76 - Pacific Gas & Electric									
8543598174210/22	L & L 09/16/22-10/14/22	Paid by Check #38892		10/18/2022	11/04/2022	11/04/2022		11/04/2022	165.17
5022214690910/22	PARKSIDE VILLAGE PHASE I 09/22/22-10/22/22	Paid by Check #38891		10/20/2022	11/04/2022	11/04/2022		11/04/2022	224.69
6402990649810/22	PD - 09/19/2022 - 10/17/2022 Billing Charges	Paid by Check #38893		10/18/2022	11/04/2022	11/04/2022		11/04/2022	81.05
2104753778810/22	155 W MERCED AVE 09/08/22-10/06/22	Paid by Check #38877		10/07/2022	11/04/2022	11/04/2022		11/04/2022	80.93
6724721106210/22	TULARE & L ST 09/09/22-10/07/22	Paid by Check #38883		10/09/2022	11/04/2022	11/04/2022		11/04/2022	102.44
6766387770110/22	TULARE & L ST 09/09/22-10/07/22	Paid by Check #38885		10/09/2022	11/04/2022	11/04/2022		11/04/2022	57.73
4964113683010/22	MILSAP & MYRTLE ALLEY 09/08/22-10/06/22	Paid by Check #38880		10/10/2022	11/04/2022	11/04/2022		11/04/2022	89.39
5167308560410/22	S/E KAMM & ALTA 09/09/22-10/09/22	Paid by Check #38881		10/10/2022	11/04/2022	11/04/2022		11/04/2022	19.24
1349716235710/22	KAMM & GREEN 09/09/22-10/09/22	Paid by Check #38874		10/11/2022	11/04/2022	11/04/2022		11/04/2022	10,511.19
8474719951510/22	ALTA & KAMM AVE 09/10/22-10/10/22	Paid by Check #38887		10/11/2022	11/04/2022	11/04/2022		11/04/2022	93.67
2073277197510/22	1088 E KAMM AVE 09/12/22-10/10/22	Paid by Check #38876		10/12/2022	11/04/2022	11/04/2022		11/04/2022	873.44
1561888272210/22	PW 09/14/22-10/12/22	Paid by Check #38875		10/13/2022	11/04/2022	11/04/2022		11/04/2022	129.87
3380779542310/22	2007 N CRAWFORD AVE 09/13/22-10/11/22	Paid by Check #38878		10/13/2022	11/04/2022	11/04/2022		11/04/2022	235.86
0915078178010/22	PW 09/16/22-10/14/22	Paid by Check #38873		10/14/2022	11/04/2022	11/04/2022		11/04/2022	1,353.92
6407995725010/22	PW - 09/14/22-10/12/22	Paid by Check #38882		10/14/2022	11/04/2022	11/04/2022		11/04/2022	195.40
7232679737910/22	PW 09/16/22-10/14/22	Paid by Check #38886		10/14/2022	11/04/2022	11/04/2022		11/04/2022	14,935.47
9179222553310/22	PW 09/16/22-10/14/22	Paid by Check #38888		10/14/2022	11/04/2022	11/04/2022		11/04/2022	895.99
9548749847910/22	ALTA & NEBRASKA AVE 09/14/22-10/12/22	Paid by Check #38889		10/14/2022	11/04/2022	11/04/2022		11/04/2022	83.17
6744215678110/22	6675 AVE 412 09/19/22-10/17/22	Paid by Check #38884		10/19/2022	11/04/2022	11/04/2022		11/04/2022	4,020.91
3616571038910.22	2099 W SIERRA WAY A 09/20/22-10/18/22	Paid by Check #38879		10/20/2022	11/04/2022	11/04/2022		11/04/2022	6,351.88
5949665550310/22	6675 AVE 412 09/19/22-10/17/22	Paid by Check #38890		10/21/2022	11/04/2022	11/04/2022		11/04/2022	686,452.61



Accounts Payable Invoice Report

Payment Date Range 10/29/22 - 11/04/22
Report By Vendor - Invoice
Summary Listing

Invoice Number	Invoice Description	Status	Held Reason	Invoice Date	Due Date	G/L Date	Received Date	Payment Date	Invoice Net Amount
Vendor 76 - Pacific Gas & Electric Totals						Invoices	21		\$726,954.02
Vendor 7 - Pena's Disposal Services									
691836	Fy 22/23-Parks-Disposal service for Vuich park	Paid by Check #38894		10/21/2022	11/04/2022	11/04/2022	10/25/2022	11/04/2022	613.30
Vendor 7 - Pena's Disposal Services Totals						Invoices	1		\$613.30
Vendor 1836 - Quality Landscape Construction Inc.									
15007	Quality Landscape Construction Queen Palms	Paid by Check #38895		08/24/2022	11/04/2022	11/04/2022		11/04/2022	2,200.00
Vendor 1836 - Quality Landscape Construction Inc. Totals						Invoices	1		\$2,200.00
Vendor 1583 - Joel Ramirez									
REIM 1112022	REIMBURSEMENT - COURSE BOOKS FOR BUILDING OFFICIAL EXAM	Paid by Check #38896		11/01/2022	11/04/2022	11/04/2022		11/04/2022	337.60
Vendor 1583 - Joel Ramirez Totals						Invoices	1		\$337.60
Vendor 1526 - Robert Soria Trucking									
15079	FILL SAND	Paid by Check #38897		10/04/2022	11/04/2022	11/04/2022		11/04/2022	240.00
15078	BASE ROCK	Paid by Check #38897		10/05/2022	11/04/2022	11/04/2022		11/04/2022	240.00
15081	FILL SAND, BASE ROCK	Paid by Check #38897		10/06/2022	11/04/2022	11/04/2022		11/04/2022	464.00
Vendor 1526 - Robert Soria Trucking Totals						Invoices	3		\$944.00
Vendor 957 - Shred-It USA LLC									
8002365053	PD - Shred Service	Paid by Check #38898		09/18/2022	11/04/2022	11/04/2022		11/04/2022	382.51
Vendor 957 - Shred-It USA LLC Totals						Invoices	1		\$382.51
Vendor 1859 - Simplot Grower Solutions, Simplot Partners, Simplot									
223013236	SUPPLIES FOR STREETS	Paid by Check #38899		10/17/2022	11/04/2022	11/04/2022		11/04/2022	4,522.90
Vendor 1859 - Simplot Grower Solutions, Simplot Partners, Simplot Totals						Invoices	1		\$4,522.90
Vendor 147 - Swanson-Farhney Ford Sales									
228660	REPAIR PART(S) PD 47	Paid by Check #38900		10/11/2022	11/04/2022	11/04/2022		11/04/2022	3,483.34
Vendor 147 - Swanson-Farhney Ford Sales Totals						Invoices	1		\$3,483.34
Vendor 1049 - Torres Tinting									
7695	PD - 2016 Chevy Cruzes Window Tint / U#49 & U#50	Paid by Check #38901		10/27/2022	11/04/2022	11/04/2022		11/04/2022	200.00
Vendor 1049 - Torres Tinting Totals						Invoices	1		\$200.00
Vendor 329 - Townsend Public Affairs									
19101	CONSULTING NOVEMBER 2022	Paid by Check #38902		11/01/2022	11/04/2022	11/04/2022		11/04/2022	5,000.00
Vendor 329 - Townsend Public Affairs Totals						Invoices	1		\$5,000.00
Vendor 49 - Tulare County									



Accounts Payable Invoice Report

Payment Date Range 10/29/22 - 11/04/22
Report By Vendor - Invoice
Summary Listing

Invoice Number	Invoice Description	Status	Held Reason	Invoice Date	Due Date	G/L Date	Received Date	Payment Date	Invoice Net Amount
11/02/2022	2021-2022 Top Ten Report	Paid by Check #38903		11/02/2022	11/04/2022	11/04/2022			66.00
			Vendor 49 - Tulare County Totals			Invoices	1		\$66.00
Vendor 1635 - Tuttle Tree Care & Maintenance									
198 BATES	TREE REMOVAL	Paid by Check #38904		10/13/2022	11/04/2022	11/04/2022		11/04/2022	800.00
			Vendor 1635 - Tuttle Tree Care & Maintenance Totals			Invoices	1		\$800.00
Vendor 273 - US Bank									
6703800	Land Acquisition Project-Series 2012A	Paid by Check #38906		10/25/2022	11/04/2022	11/04/2022		11/04/2022	2,150.00
6704413	Successor Agency 2015	Paid by Check #38907		10/25/2022	11/04/2022	11/04/2022		11/04/2022	1,500.00
6705505	Measure R Series 2016	Paid by Check #38905		10/25/2022	11/04/2022	11/04/2022		11/04/2022	1,375.00
			Vendor 273 - US Bank Totals			Invoices	3		\$5,025.00
Vendor 129 - Valley Industrial & Family Medical Group									
470026	DOT EXAM - COSME PIZANO	Paid by Check #38908		10/10/2022	11/04/2022	11/04/2022		11/04/2022	115.00
470922	DOT EXAM - JUAN CARLOS GONZALEZ	Paid by Check #38908		10/14/2022	11/04/2022	11/04/2022		11/04/2022	115.00
			Vendor 129 - Valley Industrial & Family Medical Group Totals			Invoices	2		\$230.00
Vendor 1434 - Vast Networks									
39652	11/01/2022-11/30/2022 Internet	Paid by Check #38909		11/01/2022	11/04/2022	11/04/2022		11/04/2022	5,852.00
			Vendor 1434 - Vast Networks Totals			Invoices	1		\$5,852.00
Vendor 354 - Verizon Wireless									
9918205290	Fy 22/23-Dept cell phone bill	Paid by Check #38910		10/14/2022	11/04/2022	11/04/2022	10/25/2023	11/04/2022	1,049.65
9918205289	ADMIN PHONE CHARGES	Paid by Check #38911		10/14/2022	11/04/2022	11/04/2022		11/04/2022	262.65
			Vendor 354 - Verizon Wireless Totals			Invoices	2		\$1,312.30
Vendor 1313 - Yepez Plumbing									
7980	REPAIRS TO SEWER LINE AT PALM & ELIZABETH	Paid by Check #38912		10/03/2022	11/04/2022	11/04/2022		11/04/2022	3,960.00
			Vendor 1313 - Yepez Plumbing Totals			Invoices	1		\$3,960.00
Vendor Blue Cross of California									
10/24/2022	Overpayment Run #21-4478	Paid by Check #38913		10/31/2022	11/04/2022	11/04/2022		11/04/2022	367.40
			Vendor Blue Cross of California Totals			Invoices	1		\$367.40
Vendor GEIGER ELECTRIC									
2022-430	Contractual	Paid by Check #38914		10/28/2022	11/04/2022	11/04/2022		11/04/2022	54.00
			Vendor GEIGER ELECTRIC Totals			Invoices	1		\$54.00
			Grand Totals			Invoices	104		\$897,712.21



Accounts Payable Invoice Report

Payment Date Range 11/05/22 - 11/10/22
Report By Vendor - Invoice
Summary Listing

Invoice Number	Invoice Description	Status	Held Reason	Invoice Date	Due Date	G/L Date	Received Date	Payment Date	Invoice Net Amount
Vendor 263 - Advantek Benefit Administrators									
2210 0011	October 2022	Paid by Check #38915		10/06/2022	11/10/2022	11/10/2022		11/10/2022	76,599.02
10/28/2022	10/28/2022	Paid by Check #38915		10/28/2022	11/10/2022	11/10/2022		11/10/2022	8,506.89
11/04/2022	11/04/2022	Paid by Check #38915		11/04/2022	11/10/2022	11/10/2022		11/10/2022	65,815.89
2211 0011	November 2022	Paid by Check #38915		11/04/2022	11/10/2022	11/10/2022		11/10/2022	74,186.70
Vendor 263 - Advantek Benefit Administrators Totals							Invoices	4	\$225,108.50
Vendor 1720 - Agee Construction Corporation									
8	Agee Construction Alta Nebraska Roundabout	Paid by Check #38916		11/04/2022	11/10/2022	11/10/2022		11/10/2022	552,795.68
Vendor 1720 - Agee Construction Corporation Totals							Invoices	1	\$552,795.68
Vendor 555 - Maria Alaniz									
10/25/2022	Travel Request-Calpers Conference 10/31/22 to 11/03/22	Paid by Check #38917		10/25/2022	11/10/2022	11/10/2022		11/10/2022	111.00
Vendor 555 - Maria Alaniz Totals							Invoices	1	\$111.00
Vendor 1538 - American River Benefit Administrators									
#8461 4th Q 22 2	#8461 4th Q 2022 Balance	Paid by Check #38918		11/01/2022	11/10/2022	11/10/2022		11/10/2022	27.00
Vendor 1538 - American River Benefit Administrators Totals							Invoices	1	\$27.00
Vendor 351 - Anthem Blue Cross									
000250932413	CANALES 530M82834 10/01/22-20/31/22	Paid by Check #38919		09/04/2022	11/10/2022	11/10/2022		11/10/2022	92.00
Vendor 351 - Anthem Blue Cross Totals							Invoices	1	\$92.00
Vendor 21 - Aramark Uniform Services Inc.									
5031079407	Fy 22/23-Parks-Uniforms for the week of 11/02/22	Paid by Check #38920		11/02/2022	11/10/2022	11/10/2022	11/03/2022	11/10/2022	50.88
Vendor 21 - Aramark Uniform Services Inc. Totals							Invoices	1	\$50.88
Vendor 17 - AT&T									
250127196111/22	405 E El Monte Way 11/01/22-11/30/22	Paid by Check #38921		11/01/2022	11/10/2022	11/10/2022		11/10/2022	76.22
Vendor 17 - AT&T Totals							Invoices	1	\$76.22
Vendor 65 - Banner Pest Control									
208067	PD - Removal of Pigeons Downtown	Paid by Check #38922		10/05/2022	11/10/2022	11/10/2022		11/10/2022	75.00
208327	PD - Removal of Pigeons Downtown	Paid by Check #38922		10/24/2022	11/10/2022	11/10/2022		11/10/2022	75.00
Vendor 65 - Banner Pest Control Totals							Invoices	2	\$150.00
Vendor 1869 - Bass Mechanics Car Audio									
Rec0001	Fy 22/23-Sports Prog-Replacement jerseys	Paid by Check #38923		10/20/2022	11/10/2022	11/10/2022	10/25/2022	11/10/2022	80.50



Accounts Payable Invoice Report

Payment Date Range 11/05/22 - 11/10/22
Report By Vendor - Invoice
Summary Listing

Invoice Number	Invoice Description	Status	Held Reason	Invoice Date	Due Date	G/L Date	Received Date	Payment Date	Invoice Net Amount
Vendor 1869 - Bass Mekanics Car Audio			Totals	Invoices			1		\$80.50
Vendor 328 - Bernard Professional Transcription Services									
DF1902365	PD - Transcription Service	Paid by Check #38924		10/31/2022	11/10/2022	11/10/2022		11/10/2022	1,956.00
Vendor 328 - Bernard Professional Transcription Services			Totals	Invoices			1		\$1,956.00
Vendor 822 - Boundtree Medical LLC									
84734510	Supplies	Paid by Check #38925		10/24/2022	11/10/2022	11/10/2022		11/10/2022	166.54
Vendor 822 - Boundtree Medical LLC			Totals	Invoices			1		\$166.54
Vendor 725 - CDW Government									
DL94274	Fy 22/23-Parks-Cradlepoint 5G Modem UPG for parks yard	Paid by Check #38926		10/16/2022	11/10/2022	11/10/2022	11/03/2022	11/10/2022	935.09
DM49662	Fy 22/23-Parks-Cradle branch 1Y ESS-Renewal	Paid by Check #38926		10/18/2022	11/10/2022	11/10/2022	11/03/2022	11/10/2022	274.96
Vendor 725 - CDW Government			Totals	Invoices			2		\$1,210.05
Vendor 1620 - Central Valley Forensic Nursing Specialists									
1441	PD - Lab Exam Service / DG2203560	Paid by Check #38927		10/13/2022	11/10/2022	11/10/2022		11/10/2022	1,200.00
Vendor 1620 - Central Valley Forensic Nursing Specialists			Totals	Invoices			1		\$1,200.00
Vendor 896 - Central Valley Refrigeration, Inc.									
46587	PD - Ice Maker Service	Paid by Check #38928		10/10/2022	11/10/2022	11/10/2022		11/10/2022	219.00
Vendor 896 - Central Valley Refrigeration, Inc.			Totals	Invoices			1		\$219.00
Vendor 333 - Cintas Corporation No. 2									
5122451551	Fy 22/23-CS-service /supplies for medicine cabinet	Paid by Check #38929		08/29/2022	11/10/2022	11/10/2022	11/01/2022	11/10/2022	22.06
5126104497	Fy 22/23-CS-service /supplies for medicine cabinet	Paid by Check #38929		09/26/2022	11/10/2022	11/10/2022	11/01/2022	11/10/2022	15.08
Vendor 333 - Cintas Corporation No. 2			Totals	Invoices			2		\$37.14
Vendor 240 - Clean Cut Landscape Management Inc.									
3835	Landscaping October 2022	Paid by Check #38930		10/31/2022	11/10/2022	11/10/2022		11/10/2022	19,163.00
Vendor 240 - Clean Cut Landscape Management Inc.			Totals	Invoices			1		\$19,163.00
Vendor 1238 - Coleman & Horowitz, LLP									
478930	Eagle Fire and Water Restoration, Inc. October 2022	Paid by Check #38931		10/31/2022	11/10/2022	11/10/2022		11/10/2022	66,578.00
Vendor 1238 - Coleman & Horowitz, LLP			Totals	Invoices			1		\$66,578.00
Vendor 1419 - Collins & Schoettler Planning Consultant, Inc.									
1338	Zoning Ordinance Update October 2022	Paid by Check #38932		11/07/2022	11/10/2022	11/10/2022		11/10/2022	1,200.00
Vendor 1419 - Collins & Schoettler Planning Consultant, Inc.			Totals	Invoices			1		\$1,200.00



Accounts Payable Invoice Report

Payment Date Range 11/05/22 - 11/10/22
Report By Vendor - Invoice
Summary Listing

Invoice Number	Invoice Description	Status	Held Reason	Invoice Date	Due Date	G/L Date	Received Date	Payment Date	Invoice Net Amount
Vendor 170 - Comcast									
0002177 10/27/22	1390 E ELIZABETH WAY 11/01/22 -11/30/22	Paid by Check #38935		10/27/2022	11/10/2022	11/10/2022		11/10/2022	97.93
0136611 10/26/22	PD - 11/01/2022 - 11/30/2022 Service	Paid by Check #38933		10/26/2022	11/10/2022	11/10/2022		11/10/2022	44.90
0181138 10/27/22	180 W MERCED ST 11/02/22 to 11/01/22	Paid by Check #38934		10/27/2022	11/10/2022	11/10/2022		11/10/2022	505.88
Vendor 170 - Comcast Totals							Invoices	3	\$648.71
Vendor 1035 - De Lage Landen Public Finance									
77992960	Oct/Nov 2022	Paid by Check #38936		10/22/2022	11/10/2022	11/10/2022		11/10/2022	354.46
Vendor 1035 - De Lage Landen Public Finance Totals							Invoices	1	\$354.46
Vendor 1582 - Dell Financial Services LLC									
2240667	Server 12/01/22-12/31/22	Paid by Check #38937		11/02/2022	11/10/2022	11/10/2022		11/10/2022	2,947.71
Vendor 1582 - Dell Financial Services LLC Totals							Invoices	1	\$2,947.71
Vendor 1416 - DPrep Inc									
BIA20221101-03	PD - Basic Internal Affairs Training / John Jobe	Paid by Check #38938		10/31/2022	11/10/2022	11/10/2022		11/10/2022	375.00
Vendor 1416 - DPrep Inc Totals							Invoices	1	\$375.00
Vendor 1506 - Enterprise FM Trust									
FBN4600865	PD - 3 Malibus & 2 Durangos Lease	Paid by Check #38939		11/03/2022	11/10/2022	11/10/2022		11/10/2022	2,836.04
Vendor 1506 - Enterprise FM Trust Totals							Invoices	1	\$2,836.04
Vendor 280 - Entersect									
1022EP31191	PD - October 2022 Service	Paid by Check #38940		10/31/2022	11/10/2022	11/10/2022		11/10/2022	100.00
Vendor 280 - Entersect Totals							Invoices	1	\$100.00
Vendor 1801 - Garda CL West, INC									
10716151	SERVICE MONTH NOVEMBER 2022	Paid by Check #38941		11/01/2022	11/10/2022	11/10/2022		11/10/2022	1,343.63
Vendor 1801 - Garda CL West, INC Totals							Invoices	1	\$1,343.63
Vendor 18 - The Gas Company									
0990155800811/22	405 E El Monte Way 10/04/22-11/02/22	Paid by Check #38943		11/04/2022	11/10/2022	11/10/2022		11/10/2022	89.45
1830985449711/22	PD - 10/04/2022 - 11/02/2022 Billing Charges	Paid by Check #38942		11/04/2022	11/10/2022	11/10/2022		11/10/2022	65.61
Vendor 18 - The Gas Company Totals							Invoices	2	\$155.06
Vendor 1328 - Ken Grover									



Accounts Payable Invoice Report

Payment Date Range 11/05/22 - 11/10/22
Report By Vendor - Invoice
Summary Listing

Invoice Number	Invoice Description	Status	Held Reason	Invoice Date	Due Date	G/L Date	Received Date	Payment Date	Invoice Net Amount
07/11/2022 B	Anthem Reimb 03/01/2022-06/30/2022 difference of incorrect payme	Paid by Check #38944		07/11/2022	11/10/2022	11/10/2022		11/10/2022	47.60
11/07/2022	Anthem Reimb 07/01/2022-10/31/2022	Paid by Check #38944		11/07/2022	11/10/2022	11/10/2022		11/10/2022	1,423.16
			Vendor 1328 - Ken Grover Totals				Invoices	2	\$1,470.76
Vendor 379 - Guardian EMS Products									
11624	Supplies	Paid by Check #38945		10/27/2022	11/10/2022	11/10/2022		11/10/2022	62.17
11625	Supplies	Paid by Check #38945		10/27/2022	11/10/2022	11/10/2022		11/10/2022	28.98
			Vendor 379 - Guardian EMS Products Totals				Invoices	2	\$91.15
Vendor 1849 - Halcyon Behavioral, LLC									
12555	EAP Services for November 2022	Paid by Check #38946		11/01/2022	11/10/2022	11/10/2022		11/10/2022	30.40
			Vendor 1849 - Halcyon Behavioral, LLC Totals				Invoices	1	\$30.40
Vendor 139 - Henry Schein Inc.									
26433980	Supplies	Paid by Check #38947		10/07/2022	11/10/2022	11/10/2022		11/10/2022	646.47
26547613	Supplies	Paid by Check #38947		10/10/2022	11/10/2022	11/10/2022		11/10/2022	153.11
26652679	Supplies	Paid by Check #38947		10/10/2022	11/10/2022	11/10/2022		11/10/2022	100.14
26975996	Supplies	Paid by Check #38947		10/17/2022	11/10/2022	11/10/2022		11/10/2022	1,402.63
27238671	Supplies	Paid by Check #38947		10/21/2022	11/10/2022	11/10/2022		11/10/2022	56.52
27238692	Supplies	Paid by Check #38947		10/21/2022	11/10/2022	11/10/2022		11/10/2022	113.04
			Vendor 139 - Henry Schein Inc. Totals				Invoices	6	\$2,471.91
Vendor 1150 - Hoffman Security									
595536	DSC - Security Monitoring	Paid by Check #38948		10/20/2022	11/10/2022	11/10/2022		11/10/2022	105.00
			Vendor 1150 - Hoffman Security Totals				Invoices	1	\$105.00
Vendor 174 - Howard's Pest Control									
107081	Fy 22/23-Sportsplex-Pest control for plex	Paid by Check #38949		08/03/2022	11/10/2022	11/10/2022		11/10/2022	117.00
109302	Fy 22/23-Sportsplex-Pest control for plex	Paid by Check #38949		11/04/2022	11/10/2022	11/10/2022	11/04/2022	11/10/2022	117.00
109311	Fy 22/23-Parks-Pest control service for Vuich park	Paid by Check #38949		11/04/2022	11/10/2022	11/10/2022	11/04/2022	11/10/2022	75.00
109322	Fy 22/23-Parks-Pest control for KC park	Paid by Check #38949		11/04/2022	11/10/2022	11/10/2022	11/04/2022	11/10/2022	46.00
			Vendor 174 - Howard's Pest Control Totals				Invoices	4	\$355.00
Vendor 1721 - Image 2000									
557205	5/17-8/16/22	Paid by Check #38950		10/21/2022	11/10/2022	11/10/2022		11/10/2022	269.91
			Vendor 1721 - Image 2000 Totals				Invoices	1	\$269.91
Vendor 449 - Les Schwab Tire Centers of Central California									



Accounts Payable Invoice Report

Payment Date Range 11/05/22 - 11/10/22
Report By Vendor - Invoice
Summary Listing

Invoice Number	Invoice Description	Status	Held Reason	Invoice Date	Due Date	G/L Date	Received Date	Payment Date	Invoice Net Amount
55100295241	Bus # 8 New Rear Tires	Paid by Check #38951		10/26/2022	11/10/2022	11/10/2022		11/10/2022	1,070.40
55100295727	Bus #3 New Tires	Paid by Check #38951		11/01/2022	11/10/2022	11/10/2022		11/10/2022	1,601.27
Vendor 449 - Les Schwab Tire Centers of Central California Totals									Invoices 2
									<u>\$2,671.67</u>
Vendor 730 - Marin Consulting Associates									
12692	PD - Leadership & Accountability Training / Jose Aguayo	Paid by Check #38952		05/16/2022	11/10/2022	11/10/2022		11/10/2022	250.00
12694	PD - Assertive Supervision Training / Jose Aguayo	Paid by Check #38952		05/16/2022	11/10/2022	11/10/2022		11/10/2022	375.00
Vendor 730 - Marin Consulting Associates Totals									Invoices 2
									<u>\$625.00</u>
Vendor 749 - MuniServices									
INV06-015359	STARSCA -Q2, 2022	Paid by Check #38953		11/04/2022	11/10/2022	11/10/2022		11/10/2022	450.00
Vendor 749 - MuniServices Totals									Invoices 1
									<u>\$450.00</u>
Vendor 514 - National Training Concepts Inc.									
22-237	PD - NTC Critical Incident Management / Aguayo & Ayala	Paid by Check #38954		11/07/2022	11/10/2022	11/10/2022		11/10/2022	190.00
Vendor 514 - National Training Concepts Inc. Totals									Invoices 1
									<u>\$190.00</u>
Vendor 142 - Office Depot BSD									
271946950001	HR/AMB Office Supplies	Paid by Check #38955		10/21/2022	11/10/2022	11/10/2022		11/10/2022	68.14
272175657001	Supplies	Paid by Check #38955		10/13/2022	11/10/2022	11/10/2022		11/10/2022	54.09
272182492001	Supplies	Paid by Check #38955		10/13/2022	11/10/2022	11/10/2022		11/10/2022	7.26
269927968001	DSC - Office Supplies	Paid by Check #38955		10/17/2022	11/10/2022	11/10/2022		11/10/2022	115.98
275139617001	Fy 22/23-Office supplies	Paid by Check #38955		10/27/2022	11/10/2022	11/10/2022	11/03/2022	11/10/2022	82.82
274377448001	PD - Supplies	Paid by Check #38955		10/21/2022	11/10/2022	11/10/2022		11/10/2022	292.24
274389002001	PD - Supplies	Paid by Check #38955		10/21/2022	11/10/2022	11/10/2022		11/10/2022	65.07
Vendor 142 - Office Depot BSD Totals									Invoices 7
									<u>\$685.60</u>
Vendor 954 - Office Overload Printing & Design									
17763	Inspection Notices	Paid by Check #38956		10/24/2022	11/10/2022	11/10/2022		11/10/2022	115.50
Vendor 954 - Office Overload Printing & Design Totals									Invoices 1
									<u>\$115.50</u>
Vendor 76 - Pacific Gas & Electric									
9001498229310/22	405 E El Monte Way 09/28/22-10/26/22	Paid by Check #38960		10/28/2022	11/10/2022	11/10/2022		11/10/2022	946.05
0766265341410/22	L & L 1300 ROSEMARY AVE 09/27/22-10/25/22	Paid by Check #38959		10/26/2022	11/10/2022	11/10/2022		11/10/2022	159.82
1594680195610/22	Parks 855 E EL MONTE WAY 09/27/22-10/25/22	Paid by Check #38958		10/26/2022	11/10/2022	11/10/2022		11/10/2022	186.05
4979039280410/22	DSC Electric 9/27 - 10/25/22	Paid by Check #38957		10/26/2022	11/10/2022	11/10/2022		11/10/2022	986.66
Vendor 76 - Pacific Gas & Electric Totals									Invoices 4
									<u>\$2,278.58</u>
Vendor 7 - Pena's Disposal Services									



Accounts Payable Invoice Report

Payment Date Range 11/05/22 - 11/10/22
Report By Vendor - Invoice
Summary Listing

Invoice Number	Invoice Description	Status	Held Reason	Invoice Date	Due Date	G/L Date	Received Date	Payment Date	Invoice Net Amount
11/22 FOR 10/22	November for October Disposal Charges	Paid by Check #38961		11/07/2022	11/10/2022	11/10/2022		11/10/2022	139,470.08
DECEMBER 2022	Contract Disposal Payment for December 2022	Paid by Check #38961		12/01/2022	11/10/2022	11/10/2022		11/10/2022	60,000.00
Vendor 7 - Pena's Disposal Services Totals								Invoices 2	\$199,470.08
Vendor 1707 - RRM Design Group									
2415-01-0922B	Dinuba Focused General Plan Update SB2: Task 07 & 3B	Paid by Check #38962		11/01/2022	11/10/2022	11/10/2022		11/10/2022	5,490.00
Vendor 1707 - RRM Design Group Totals								Invoices 1	\$5,490.00
Vendor 61 - Silvas Oil Company Inc.									
179437CT	August 2022	Paid by Check #38963		08/31/2022	11/10/2022	11/10/2022		11/10/2022	313.94
180022CT	September 2022	Paid by Check #38963		09/30/2022	11/10/2022	11/10/2022		11/10/2022	830.77
180651CT	October 2022	Paid by Check #38963		10/31/2022	11/10/2022	11/10/2022		11/10/2022	934.95
Vendor 61 - Silvas Oil Company Inc. Totals								Invoices 3	\$2,079.66
Vendor 431 - Sparkletts									
9406519 110122	Fy 22/23-Bottled wa & delivery service	Paid by Check #38964		11/01/2022	11/10/2022	11/10/2022	11/03/2022	11/10/2022	169.64
Vendor 431 - Sparkletts Totals								Invoices 1	\$169.64
Vendor 214 - Stericycle, Inc.									
3006215518	November 2022	Paid by Check #38965		11/01/2022	11/10/2022	11/10/2022		11/10/2022	142.53
Vendor 214 - Stericycle, Inc. Totals								Invoices 1	\$142.53
Vendor 1461 - Teleflex LLC									
9506148918	Supplies	Paid by Check #38966		10/24/2022	11/10/2022	11/10/2022		11/10/2022	1,458.55
Vendor 1461 - Teleflex LLC Totals								Invoices 1	\$1,458.55
Vendor 189 - Terminix International									
426211722	PD - Pest Control Service	Paid by Check #38967		10/21/2022	11/10/2022	11/10/2022		11/10/2022	64.00
Vendor 189 - Terminix International Totals								Invoices 1	\$64.00
Vendor 717 - TMI Research Services									
CITYOD 22-10-31	Fy 22/23-CS-Background for Vasquez/Garza	Paid by Check #38968		10/31/2022	11/10/2022	11/10/2022	11/03/2022	11/10/2022	120.00
Vendor 717 - TMI Research Services Totals								Invoices 1	\$120.00
Vendor 49 - Tulare County									
013050061000 22	2022 Secured Tax Bill	Paid by Check #38970		07/01/2022	11/10/2022	11/10/2022		11/10/2022	148.02
19450	Logos	Paid by Check #38969		11/04/2022	11/10/2022	11/10/2022		11/10/2022	64.65
Vendor 49 - Tulare County Totals								Invoices 2	\$212.67
Vendor 307 - Tulare County Consolidated Ambulance Dispatch, Inc									
22-11-07	November 2022	Paid by Check #38971		11/07/2022	11/10/2022	11/10/2022		11/10/2022	6,414.84



Accounts Payable Invoice Report

Payment Date Range 11/05/22 - 11/10/22
Report By Vendor - Invoice
Summary Listing

Invoice Number	Invoice Description	Status	Held Reason	Invoice Date	Due Date	G/L Date	Received Date	Payment Date	Invoice Net Amount
Vendor 307 - Tulare County Consolidated Ambulance Dispatch, Inc Totals							Invoices	1	\$6,414.84
Vendor 273 - US Bank									
485712160	Copier Lease 10/20/2022-11/20/2022	Paid by Check #38973		10/27/2022	11/10/2022	11/10/2022		11/10/2022	2,488.11
484678867	October 2022	Paid by Check #38972		10/12/2022	11/10/2022	11/10/2022		11/10/2022	130.96
Vendor 273 - US Bank Totals							Invoices	2	\$2,619.07
Vendor 359 - Valero Marketing & Supply Company									
84941740	October 2022	Paid by Check #38974		11/06/2022	11/10/2022	11/10/2022		11/10/2022	9,192.80
Vendor 359 - Valero Marketing & Supply Company Totals							Invoices	1	\$9,192.80
Vendor 354 - Verizon Wireless									
9918205291	November 2022	Paid by Check #38975		10/14/2022	11/10/2022	11/10/2022		11/10/2022	403.58
Vendor 354 - Verizon Wireless Totals							Invoices	1	\$403.58
Vendor 297 - Vincent Communications, Inc.									
85055	Repairs	Paid by Check #38976		10/24/2022	11/10/2022	11/10/2022		11/10/2022	67.50
Vendor 297 - Vincent Communications, Inc. Totals							Invoices	1	\$67.50
Vendor 209 - Zweigle Septic Service									
37631	Fy 22/23-SE-Fall Harvest Fling celebration rental	Paid by Check #38977		10/31/2022	11/10/2022	11/10/2022	11/03/2022	11/10/2022	185.00
37644	Fy 22/23-Parks-Portable rental/clng for ent plaza restrooms	Paid by Check #38977		10/31/2022	11/10/2022	11/10/2022	11/03/2022	11/10/2022	410.00
Vendor 209 - Zweigle Septic Service Totals							Invoices	2	\$595.00
Grand Totals							Invoices	91	\$1,119,292.52



Accounts Payable Invoice Report

Payment Date Range 11/11/22 - 11/18/22
Report By Vendor - Invoice
Summary Listing

Invoice Number	Invoice Description	Status	Held Reason	Invoice Date	Due Date	G/L Date	Received Date	Payment Date	Invoice Net Amount
Vendor 385 - 4 Creeks, Inc.									
22318-26308	4 Creeks WWTP Imp Clarifier	Paid by Check #38978		10/11/2022	11/18/2022	11/18/2022		11/18/2022	10,211.25
22320-26285	4 Creeks South College RR Project	Paid by Check #38978		10/11/2022	11/18/2022	11/18/2022		11/18/2022	1,050.00
22355-26286	4 Creeks Building Official	Paid by Check #38978		10/11/2022	11/18/2022	11/18/2022		11/18/2022	13,455.00
22356-26327	4 Creeks Encroachment Permit	Paid by Check #38978		10/12/2022	11/18/2022	11/18/2022		11/18/2022	2,834.30
20366-26434	4 Creeks Kamm and Alta Design	Paid by Check #38978		10/17/2022	11/18/2022	11/18/2022		11/18/2022	7,867.11
22313-26430	4 Creeks Alta Nebraska Roundabout CM PII	Paid by Check #38978		10/17/2022	11/18/2022	11/18/2022		11/18/2022	55,157.64
22314-26433	4 Creeks Commercial Development	Paid by Check #38978		10/17/2022	11/18/2022	11/18/2022		11/18/2022	1,202.50
22351-26439	4 Creeks CIP Projects	Paid by Check #38978		10/17/2022	11/18/2022	11/18/2022		11/18/2022	19,273.75
22352-26437	4 Creeks Dinuba Subdivision Development	Paid by Check #38978		10/17/2022	11/18/2022	11/18/2022		11/18/2022	17,926.88
22357-26436	4 Creeks General Engineering	Paid by Check #38978		10/17/2022	11/18/2022	11/18/2022		11/18/2022	26,648.02
22358-26435	4 Creeks EL Monte Sewer Main	Paid by Check #38978		10/17/2022	11/18/2022	11/18/2022		11/18/2022	3,340.00
22389-26432	4 Creeks Entertainment Plaza Restrooms	Paid by Check #38978		10/17/2022	11/18/2022	11/18/2022		11/18/2022	5,941.75
22421-26438	4 Creeks Kamm and Alta Roundabout Environmental	Paid by Check #38978		10/17/2022	11/18/2022	11/18/2022		11/18/2022	4,477.97
22442-26431	4 Creeks Water CIP Projects	Paid by Check #38978		10/17/2022	11/18/2022	11/18/2022		11/18/2022	215.00
22316-26458	4 Creeks Well 21	Paid by Check #38978		10/18/2022	11/18/2022	11/18/2022		11/18/2022	8,375.50
Vendor 385 - 4 Creeks, Inc. Totals							Invoices	15	\$177,976.67
Vendor 479 - Able Industries									
102248	SERVICES MONTH OCTOBER 2022	Paid by Check #38979		10/31/2022	11/18/2022	11/18/2022		11/18/2022	240.00
Vendor 479 - Able Industries Totals							Invoices	1	\$240.00
Vendor 263 - Advantek Benefit Administrators									
11/11/2022	11/11/2022	Paid by Check #38980		11/11/2022	11/18/2022	11/18/2022		11/18/2022	21,066.77
Vendor 263 - Advantek Benefit Administrators Totals							Invoices	1	\$21,066.77
Vendor 416 - Amber Chemical Inc.									
0375575-IN	WATER DEPT SUPPLIES	Paid by Check #38981		10/25/2022	11/18/2022	11/18/2022		11/18/2022	1,510.96
Vendor 416 - Amber Chemical Inc. Totals							Invoices	1	\$1,510.96
Vendor 119 - American Backflow Specialties									
INV60998	BAC	Paid by Check #38982		11/03/2022	11/18/2022	11/18/2022		11/18/2022	903.99
Vendor 119 - American Backflow Specialties Totals							Invoices	1	\$903.99
Vendor 55 - American Water Works Association									
SO1549	MEMBERSHIP 10/1/2022-9/30/2023	Paid by Check #38983		10/01/2022	11/18/2022	11/18/2022		11/18/2022	473.00
Vendor 55 - American Water Works Association Totals							Invoices	1	\$473.00



Accounts Payable Invoice Report

Payment Date Range 11/11/22 - 11/18/22
Report By Vendor - Invoice
Summary Listing

Invoice Number	Invoice Description	Status	Held Reason	Invoice Date	Due Date	G/L Date	Received Date	Payment Date	Invoice Net Amount
Vendor 351 - Anthem Blue Cross									
000258449575	CANALES 530M82834 12/01/22-12/31/22	Paid by Check #38987		11/05/2022	11/18/2022	11/18/2022		11/18/2022	92.00
000258469122	TYLER 299A24237 12/01/22-12/31/22	Paid by Check #38984		11/05/2022	11/18/2022	11/18/2022		11/18/2022	85.30
000258495153	MAGYAR 792A24403 12/01/22-12/31/22	Paid by Check #38986		11/05/2022	11/18/2022	11/18/2022		11/18/2022	85.30
000258504942	MEDDERS 975A79192 12/01/22-12/31/22	Paid by Check #38985		11/05/2022	11/18/2022	11/18/2022		11/18/2022	92.00
000259388059	TYLER 141A75193 12/01/22-12/31/22	Paid by Check #38989		11/07/2022	11/18/2022	11/18/2022		11/18/2022	250.99
000259405681	MAGYAR 730A75583 12/01/22-02/28/23	Paid by Check #38990		11/07/2022	11/18/2022	11/18/2022		11/18/2022	935.16
000259468721	CANALES 920M82828 12/01/22-02/28/23	Paid by Check #38988		11/07/2022	11/18/2022	11/18/2022		11/18/2022	770.31
Vendor 351 - Anthem Blue Cross Totals							Invoices	7	\$2,311.06
Vendor 21 - Aramark Uniform Services Inc.									
5031083778	Fy 22/23-Parks-Uniforms for the week of 11/09/22	Paid by Check #38991		11/09/2022	11/18/2022	11/18/2022	11/14/2022	11/18/2022	50.88
Vendor 21 - Aramark Uniform Services Inc. Totals							Invoices	1	\$50.88
Vendor 17 - AT&T									
939105474311/22	Telephone 10/02/22-11/01/22	Paid by Check #38994		11/02/2022	11/18/2022	11/18/2022		11/18/2022	70.54
238451821411/22	405 E El Monte Way 11/07/22-12/06/22	Paid by Check #38993		11/07/2022	11/18/2022	11/18/2022		11/18/2022	68.96
939105447611/22	Telephone 10/11/22-11/10/22	Paid by Check #38998		11/10/2022	11/18/2022	11/18/2022		11/18/2022	23.37
939105446111/22	Telephone 10/11/22-11/10/22	Paid by Check #38995		11/11/2022	11/18/2022	11/18/2022		11/18/2022	23.34
9391054466	Telephone 10/11/22-11/10/22	Paid by Check #38996		11/11/2022	11/18/2022	11/18/2022		11/18/2022	23.35
939105446711/22	Telephone 10/11/22-11/10/22	Paid by Check #38997		11/11/2022	11/18/2022	11/18/2022		11/18/2022	45.00
939105475611/22	Telephone 10/11/22-11/10/22	Paid by Check #38999		11/11/2022	11/18/2022	11/18/2022		11/18/2022	385.46
559596064910/22	1088 E KAMM AVE 10/26/22-11/25/22	Paid by Check #38992		10/26/2022	11/18/2022	11/18/2022		11/18/2022	2,204.73
Vendor 17 - AT&T Totals							Invoices	8	\$2,844.75
Vendor 1044 - AutoZone, Inc.									
2833845225	REPAIR PART(S) FOR PD 30	Paid by Check #39000		10/28/2022	11/18/2022	11/18/2022		11/18/2022	25.14
Vendor 1044 - AutoZone, Inc. Totals							Invoices	1	\$25.14
Vendor 195 - Battery Systems Inc.									
36562211031146	BATTERIES FOR STREETS	Paid by Check #39001		11/03/2022	11/18/2022	11/18/2022		11/18/2022	3,006.48
Vendor 195 - Battery Systems Inc. Totals							Invoices	1	\$3,006.48
Vendor 1103 - Bauer Compressors, Inc.									
0000299883	Safety Equipment	Paid by Check #39002		10/26/2022	11/18/2022	11/18/2022		11/18/2022	5,959.00



Accounts Payable Invoice Report

Payment Date Range 11/11/22 - 11/18/22
Report By Vendor - Invoice
Summary Listing

Invoice Number	Invoice Description	Status	Held Reason	Invoice Date	Due Date	G/L Date	Received Date	Payment Date	Invoice Net Amount
Vendor 1103 - Bauer Compressors, Inc. Totals						Invoices	1		\$5,959.00
Vendor 376 - BCS Consulting, LLC									
2022135	CONSULTING OCTOBER 2022	Paid by Check #39003		11/09/2022	11/18/2022	11/18/2022		11/18/2022	6,200.00
Vendor 376 - BCS Consulting, LLC Totals						Invoices	1		\$6,200.00
Vendor 1259 - BestBuy.com, LLC									
Q3 2022	Q3 2022 Sales Tax Revenue	Paid by EFT #2200		11/03/2022	11/18/2022	11/18/2022		11/18/2022	1,829,596.00
Vendor 1259 - BestBuy.com, LLC Totals						Invoices	1		\$1,829,596.00
Vendor 116 - BSK Analytical Laboratories									
AF29108	WATER SAMPLE TESTING - WATER DEPT	Paid by Check #39004		11/08/2022	11/18/2022	11/18/2022		11/18/2022	176.00
Vendor 116 - BSK Analytical Laboratories Totals						Invoices	1		\$176.00
Vendor 80 - California Business Machines									
310361	PD - Copiers Maintenance	Paid by Check #39005		11/10/2022	11/18/2022	11/18/2022		11/18/2022	374.44
Vendor 80 - California Business Machines Totals						Invoices	1		\$374.44
Vendor 806 - California Municipal Statistics Inc.									
22111114	Direct and Overlapping Debt Statement 06/30/22 for ACFR	Paid by Check #39006		11/11/2022	11/18/2022	11/18/2022		11/18/2022	550.00
Vendor 806 - California Municipal Statistics Inc. Totals						Invoices	1		\$550.00
Vendor 118 - California Parks & Recreation Society									
11072022-2	Fy 22/23-Parks-CPRS District 7 Rodeo participation	Paid by Check #39007		11/07/2022	11/18/2022	11/18/2022	11/09/2022	11/18/2022	240.00
Vendor 118 - California Parks & Recreation Society Totals						Invoices	1		\$240.00
Vendor 94 - California Public Employees Retirement									
10/23-11/05/22	Payroll 10/23/22-11/05/22	Paid by EFT #2199		11/14/2022	11/15/2022	11/15/2022		11/15/2022	83,838.82
2023-00000159	31 - 457 - Employee CalPERS \$*	Paid by EFT #2198		11/14/2022	11/15/2022	11/15/2022		11/15/2022	8,798.56
Vendor 94 - California Public Employees Retirement Totals						Invoices	2		\$92,637.38
Vendor 333 - Cintas Corporation No. 2									
4133429227	Contractual	Paid by Check #39008		10/05/2022	11/18/2022	11/18/2022		11/18/2022	21.16
4133429238	Contractual	Paid by Check #39008		10/05/2022	11/18/2022	11/18/2022		11/18/2022	244.39
4133429284	Contractual	Paid by Check #39008		10/05/2022	11/18/2022	11/18/2022		11/18/2022	236.73
4133429329	Contractual	Paid by Check #39008		10/05/2022	11/18/2022	11/18/2022		11/18/2022	92.08
4133429382	Contractual	Paid by Check #39008		10/05/2022	11/18/2022	11/18/2022		11/18/2022	81.52
4133429567	Contractual	Paid by Check #39008		10/05/2022	11/18/2022	11/18/2022		11/18/2022	214.84
4133580961	Contractual	Paid by Check #39008		10/06/2022	11/18/2022	11/18/2022		11/18/2022	144.85
4133580968	Contractual	Paid by Check #39008		10/06/2022	11/18/2022	11/18/2022		11/18/2022	124.35
4133581153	Contractual	Paid by Check #39008		10/06/2022	11/18/2022	11/18/2022		11/18/2022	631.58
4134120779	Contractual	Paid by Check #39008		10/12/2022	11/18/2022	11/18/2022		11/18/2022	57.99



Accounts Payable Invoice Report

Payment Date Range 11/11/22 - 11/18/22
Report By Vendor - Invoice
Summary Listing

Invoice Number	Invoice Description	Status	Held Reason	Invoice Date	Due Date	G/L Date	Received Date	Payment Date	Invoice Net Amount
4134120809	Contractual	Paid by Check #39008		10/12/2022	11/18/2022	11/18/2022		11/18/2022	92.08
4134120845	Contractual	Paid by Check #39008		10/12/2022	11/18/2022	11/18/2022		11/18/2022	225.59
4134121073	Contractual	Paid by Check #39008		10/12/2022	11/18/2022	11/18/2022		11/18/2022	221.20
4134270141	Contractual	Paid by Check #39008		10/13/2022	11/18/2022	11/18/2022		11/18/2022	124.35
4134270205	Contractual	Paid by Check #39008		10/13/2022	11/18/2022	11/18/2022		11/18/2022	144.85
4134270411	Contractual	Paid by Check #39008		10/13/2022	11/18/2022	11/18/2022		11/18/2022	698.94
4134846171	Contractual	Paid by Check #39008		10/19/2022	11/18/2022	11/18/2022		11/18/2022	21.16
4134846189	Contractual	Paid by Check #39008		10/19/2022	11/18/2022	11/18/2022		11/18/2022	179.88
4134846244	Contractual	Paid by Check #39008		10/19/2022	11/18/2022	11/18/2022		11/18/2022	244.39
4134846278	Contractual	Paid by Check #39008		10/19/2022	11/18/2022	11/18/2022		11/18/2022	92.62
4134846280	Contractual	Paid by Check #39008		10/19/2022	11/18/2022	11/18/2022		11/18/2022	81.52
4134846423	Contractual	Paid by Check #39008		10/19/2022	11/18/2022	11/18/2022		11/18/2022	221.39
4134968209	Contractual	Paid by Check #39008		10/20/2022	11/18/2022	11/18/2022		11/18/2022	145.20
4134968238	Contractual	Paid by Check #39008		10/20/2022	11/18/2022	11/18/2022		11/18/2022	124.35
4134968249	Contractual	Paid by Check #39008		10/20/2022	11/18/2022	11/18/2022		11/18/2022	635.87
4135509240	Contractual	Paid by Check #39008		10/26/2022	11/18/2022	11/18/2022		11/18/2022	225.59
4135509302	Contractual	Paid by Check #39008		10/26/2022	11/18/2022	11/18/2022		11/18/2022	57.99
4135509363	Contractual	Paid by Check #39008		10/26/2022	11/18/2022	11/18/2022		11/18/2022	116.18
4135509509	Contractual	Paid by Check #39008		10/26/2022	11/18/2022	11/18/2022		11/18/2022	240.54
4135660941	Contractual	Paid by Check #39008		10/27/2022	11/18/2022	11/18/2022		11/18/2022	124.35
4135660943	Contractual	Paid by Check #39008		10/27/2022	11/18/2022	11/18/2022		11/18/2022	144.85
4135661158	Contractual	Paid by Check #39008		10/27/2022	11/18/2022	11/18/2022		11/18/2022	771.86
Vendor 333 - Cintas Corporation No. 2 Totals								Invoices 32	\$6,784.24
Vendor 1811 - Clark Bros., INC									
4	Clark Bros WWTP Improvements Clarifier	Paid by Check #39009		11/11/2022	11/18/2022	11/18/2022		11/18/2022	133,950.00
Vendor 1811 - Clark Bros., INC Totals								Invoices 1	\$133,950.00
Vendor 1419 - Collins & Schoettler Planning Consultant, Inc.									
1337	Collins Schoettler Planning Support	Paid by Check #39010		11/03/2022	11/18/2022	11/18/2022		11/18/2022	7,379.70
Vendor 1419 - Collins & Schoettler Planning Consultant, Inc. Totals								Invoices 1	\$7,379.70
Vendor 170 - Comcast									
0135597 11/02/22	405 E El Monte Way 11/04/22-12/03/22	Paid by Check #39011		11/02/2022	11/18/2022	11/18/2022		11/18/2022	69.49
0160181 11/07/22	1088 E KAMM AVE 11/11/22-12/10/22	Paid by Check #39012		11/07/2022	11/18/2022	11/18/2022		11/18/2022	32.17
Vendor 170 - Comcast Totals								Invoices 2	\$101.66
Vendor 1576 - Creative Asphalt, Inc.									
8053	ASPHALT REPAIRS - 789 E EL MONTE WAY	Paid by Check #39013		10/28/2022	11/18/2022	11/18/2022		11/18/2022	1,140.00



Accounts Payable Invoice Report

Payment Date Range 11/11/22 - 11/18/22
Report By Vendor - Invoice
Summary Listing

Invoice Number	Invoice Description	Status	Held Reason	Invoice Date	Due Date	G/L Date	Received Date	Payment Date	Invoice Net Amount
Vendor 1576 - Creative Asphalt, Inc. Totals						Invoices	1		\$1,140.00
Vendor 77 - Department of Justice									
616240	PD - Fingerprints / October 2022	Paid by Check #39014		11/03/2022	11/18/2022	11/18/2022		11/18/2022	775.00
619703	PD - Blood/Alcohol Analysis - October 2022 Service	Paid by Check #39014		11/04/2022	11/18/2022	11/18/2022		11/18/2022	210.00
Vendor 77 - Department of Justice Totals						Invoices	2		\$985.00
Vendor 4 - Dinuba Lumber Company									
500615	Maintenance	Paid by Check #39015		10/01/2022	11/18/2022	11/18/2022		11/18/2022	35.52
501426	Maintenance	Paid by Check #39015		10/03/2022	11/18/2022	11/18/2022		11/18/2022	13.07
501471	Maintenance	Paid by Check #39015		10/03/2022	11/18/2022	11/18/2022		11/18/2022	1.07
501501	Maintenance	Paid by Check #39015		10/03/2022	11/18/2022	11/18/2022		11/18/2022	34.84
501557	Maintenance	Paid by Check #39015		10/03/2022	11/18/2022	11/18/2022		11/18/2022	55.14
501587	Maintenance	Paid by Check #39015		10/03/2022	11/18/2022	11/18/2022		11/18/2022	24.68
501659	Maintenance	Paid by Check #39015		10/03/2022	11/18/2022	11/18/2022		11/18/2022	5.75
501678	Maintenance	Paid by Check #39015		10/03/2022	11/18/2022	11/18/2022		11/18/2022	5.24
501683	Maintenance	Paid by Check #39015		10/03/2022	11/18/2022	11/18/2022		11/18/2022	9.17
501719	Maintenance	Paid by Check #39015		10/03/2022	11/18/2022	11/18/2022		11/18/2022	5.50
501884	Maintenance	Paid by Check #39015		10/04/2022	11/18/2022	11/18/2022		11/18/2022	33.06
501912	Maintenance	Paid by Check #39015		10/04/2022	11/18/2022	11/18/2022		11/18/2022	14.93
502020	Maintenance	Paid by Check #39015		10/04/2022	11/18/2022	11/18/2022		11/18/2022	4.87
502128	Maintenance	Paid by Check #39015		10/04/2022	11/18/2022	11/18/2022		11/18/2022	25.46
502160	Maintenance	Paid by Check #39015		10/04/2022	11/18/2022	11/18/2022		11/18/2022	112.91
502310	Maintenance	Paid by Check #39015		10/04/2022	11/18/2022	11/18/2022		11/18/2022	20.29
502418	Maintenance	Paid by Check #39015		10/05/2022	11/18/2022	11/18/2022		11/18/2022	8.01
502469	Maintenance	Paid by Check #39015		10/05/2022	11/18/2022	11/18/2022		11/18/2022	8.31
502482	Maintenance	Paid by Check #39015		10/05/2022	11/18/2022	11/18/2022		11/18/2022	101.51
502625	Maintenance	Paid by Check #39015		10/05/2022	11/18/2022	11/18/2022		11/18/2022	86.92
502641	Maintenance	Paid by Check #39015		10/05/2022	11/18/2022	11/18/2022		11/18/2022	86.30
502868	Maintenance	Paid by Check #39015		10/06/2022	11/18/2022	11/18/2022		11/18/2022	(7.01)
502885	Maintenance	Paid by Check #39015		10/06/2022	11/18/2022	11/18/2022		11/18/2022	22.45
502909	Maintenance	Paid by Check #39015		10/06/2022	11/18/2022	11/18/2022		11/18/2022	23.47
503013	Maintenance	Paid by Check #39015		10/06/2022	11/18/2022	11/18/2022		11/18/2022	42.92
503191	Maintenance	Paid by Check #39015		10/07/2022	11/18/2022	11/18/2022		11/18/2022	8.77
503198	Maintenance	Paid by Check #39015		10/07/2022	11/18/2022	11/18/2022		11/18/2022	3.21
503219	Maintenance	Paid by Check #39015		10/07/2022	11/18/2022	11/18/2022		11/18/2022	2.82
503257	Maintenance	Paid by Check #39015		10/07/2022	11/18/2022	11/18/2022		11/18/2022	12.10
503271	Maintenance	Paid by Check #39015		10/07/2022	11/18/2022	11/18/2022		11/18/2022	41.98
503300	Maintenance	Paid by Check #39015		10/07/2022	11/18/2022	11/18/2022		11/18/2022	5.06
503328	Maintenance	Paid by Check #39015		10/07/2022	11/18/2022	11/18/2022		11/18/2022	58.80
503342	Maintenance	Paid by Check #39015		10/07/2022	11/18/2022	11/18/2022		11/18/2022	85.12
503447	Maintenance	Paid by Check #39015		10/07/2022	11/18/2022	11/18/2022		11/18/2022	7.60



Accounts Payable Invoice Report

Payment Date Range 11/11/22 - 11/18/22

Report By Vendor - Invoice

Summary Listing

Invoice Number	Invoice Description	Status	Held Reason	Invoice Date	Due Date	G/L Date	Received Date	Payment Date	Invoice Net Amount
503473	Maintenance	Paid by Check #39015		10/07/2022	11/18/2022	11/18/2022		11/18/2022	4.10
503481	Maintenance	Paid by Check #39015		10/07/2022	11/18/2022	11/18/2022		11/18/2022	4.48
504078	Maintenance	Paid by Check #39015		10/09/2022	11/18/2022	11/18/2022		11/18/2022	10.24
504370	Maintenance	Paid by Check #39015		10/10/2022	11/18/2022	11/18/2022		11/18/2022	16.58
504379	Maintenance	Paid by Check #39015		10/10/2022	11/18/2022	11/18/2022		11/18/2022	12.58
504418	Maintenance	Paid by Check #39015		10/10/2022	11/18/2022	11/18/2022		11/18/2022	12.39
504432	Maintenance	Paid by Check #39015		10/10/2022	11/18/2022	11/18/2022		11/18/2022	30.26
504492	Maintenance	Paid by Check #39015		10/10/2022	11/18/2022	11/18/2022		11/18/2022	30.65
504523	Maintenance	Paid by Check #39015		10/10/2022	11/18/2022	11/18/2022		11/18/2022	32.48
504578	Maintenance	Paid by Check #39015		10/10/2022	11/18/2022	11/18/2022		11/18/2022	24.72
504585	Maintenance	Paid by Check #39015		10/10/2022	11/18/2022	11/18/2022		11/18/2022	16.78
504626	Maintenance	Paid by Check #39015		10/10/2022	11/18/2022	11/18/2022		11/18/2022	9.75
504679	Maintenance	Paid by Check #39015		10/10/2022	11/18/2022	11/18/2022		11/18/2022	107.40
504749	Maintenance	Paid by Check #39015		10/10/2022	11/18/2022	11/18/2022		11/18/2022	12.18
504795	Maintenance	Paid by Check #39015		10/11/2022	11/18/2022	11/18/2022		11/18/2022	4.38
504800	Maintenance	Paid by Check #39015		10/11/2022	11/18/2022	11/18/2022		11/18/2022	30.26
504899	Maintenance	Paid by Check #39015		10/11/2022	11/18/2022	11/18/2022		11/18/2022	14.24
505012	Maintenance	Paid by Check #39015		10/11/2022	11/18/2022	11/18/2022		11/18/2022	24.15
505208	Maintenance	Paid by Check #39015		10/12/2022	11/18/2022	11/18/2022		11/18/2022	6.24
505270	Maintenance	Paid by Check #39015		10/12/2022	11/18/2022	11/18/2022		11/18/2022	17.54
505272	Maintenance	Paid by Check #39015		10/12/2022	11/18/2022	11/18/2022		11/18/2022	27.33
505305	Maintenance	Paid by Check #39015		10/12/2022	11/18/2022	11/18/2022		11/18/2022	29.27
505353	Maintenance	Paid by Check #39015		10/12/2022	11/18/2022	11/18/2022		11/18/2022	25.38
505386	Maintenance	Paid by Check #39015		10/12/2022	11/18/2022	11/18/2022		11/18/2022	37.10
505668	Maintenance	Paid by Check #39015		10/13/2022	11/18/2022	11/18/2022		11/18/2022	106.77
505698	Maintenance	Paid by Check #39015		10/13/2022	11/18/2022	11/18/2022		11/18/2022	97.76
505874	Maintenance	Paid by Check #39015		10/13/2022	11/18/2022	11/18/2022		11/18/2022	4.38
505880	Maintenance	Paid by Check #39015		10/13/2022	11/18/2022	11/18/2022		11/18/2022	62.06
505881	Maintenance	Paid by Check #39015		10/13/2022	11/18/2022	11/18/2022		11/18/2022	16.98
505905	Maintenance	Paid by Check #39015		10/13/2022	11/18/2022	11/18/2022		11/18/2022	43.65
505931	Maintenance	Paid by Check #39015		10/13/2022	11/18/2022	11/18/2022		11/18/2022	36.08
505940	Maintenance	Paid by Check #39015		10/13/2022	11/18/2022	11/18/2022		11/18/2022	23.00
505998	Maintenance	Paid by Check #39015		10/13/2022	11/18/2022	11/18/2022		11/18/2022	7.10
507028	Maintenance	Paid by Check #39015		10/16/2022	11/18/2022	11/18/2022		11/18/2022	5.19
507276	Maintenance	Paid by Check #39015		10/17/2022	11/18/2022	11/18/2022		11/18/2022	22.80
507393	Maintenance	Paid by Check #39015		10/17/2022	11/18/2022	11/18/2022		11/18/2022	22.73
507578	Maintenance	Paid by Check #39015		10/17/2022	11/18/2022	11/18/2022		11/18/2022	172.11
507660	Maintenance	Paid by Check #39015		10/17/2022	11/18/2022	11/18/2022		11/18/2022	9.17
507698	Maintenance	Paid by Check #39015		10/17/2022	11/18/2022	11/18/2022		11/18/2022	17.46
507767	Maintenance	Paid by Check #39015		10/18/2022	11/18/2022	11/18/2022		11/18/2022	14.64
507933	Maintenance	Paid by Check #39015		10/18/2022	11/18/2022	11/18/2022		11/18/2022	62.24
508226	Maintenance	Paid by Check #39015		10/19/2022	11/18/2022	11/18/2022		11/18/2022	5.46



Accounts Payable Invoice Report

Payment Date Range 11/11/22 - 11/18/22
Report By Vendor - Invoice
Summary Listing

Invoice Number	Invoice Description	Status	Held Reason	Invoice Date	Due Date	G/L Date	Received Date	Payment Date	Invoice Net Amount
508350	Maintenance	Paid by Check #39015		10/19/2022	11/18/2022	11/18/2022		11/18/2022	22.73
508384	Maintenance	Paid by Check #39015		10/19/2022	11/18/2022	11/18/2022		11/18/2022	11.71
508459	Maintenance	Paid by Check #39015		10/19/2022	11/18/2022	11/18/2022		11/18/2022	29.60
508461	Maintenance	Paid by Check #39015		10/19/2022	11/18/2022	11/18/2022		11/18/2022	12.39
508473	Maintenance	Paid by Check #39015		10/19/2022	11/18/2022	11/18/2022		11/18/2022	22.44
508510	Maintenance	Paid by Check #39015		10/19/2022	11/18/2022	11/18/2022		11/18/2022	58.58
508518	Maintenance	Paid by Check #39015		10/19/2022	11/18/2022	11/18/2022		11/18/2022	25.61
508536	Maintenance	Paid by Check #39015		10/19/2022	11/18/2022	11/18/2022		11/18/2022	8.20
508552	Maintenance	Paid by Check #39015		10/19/2022	11/18/2022	11/18/2022		11/18/2022	121.35
508780	Maintenance	Paid by Check #39015		10/20/2022	11/18/2022	11/18/2022		11/18/2022	16.49
508783	Maintenance	Paid by Check #39015		10/20/2022	11/18/2022	11/18/2022		11/18/2022	75.29
508790	Maintenance	Paid by Check #39015		10/20/2022	11/18/2022	11/18/2022		11/18/2022	28.69
508828	Maintenance	Paid by Check #39015		10/20/2022	11/18/2022	11/18/2022		11/18/2022	22.72
508847	Maintenance	Paid by Check #39015		10/20/2022	11/18/2022	11/18/2022		11/18/2022	32.76
508851	Maintenance	Paid by Check #39015		10/20/2022	11/18/2022	11/18/2022		11/18/2022	9.17
508866	Maintenance	Paid by Check #39015		10/20/2022	11/18/2022	11/18/2022		11/18/2022	83.07
508970	Maintenance	Paid by Check #39015		10/20/2022	11/18/2022	11/18/2022		11/18/2022	3.74
509246	Maintenance	Paid by Check #39015		10/21/2022	11/18/2022	11/18/2022		11/18/2022	59.54
509305	Maintenance	Paid by Check #39015		10/21/2022	11/18/2022	11/18/2022		11/18/2022	33.95
509411	Maintenance	Paid by Check #39015		10/21/2022	11/18/2022	11/18/2022		11/18/2022	106.33
509583	Maintenance	Paid by Check #39015		10/22/2022	11/18/2022	11/18/2022		11/18/2022	20.50
510318	Maintenance	Paid by Check #39015		10/24/2022	11/18/2022	11/18/2022		11/18/2022	485.00
510340	Maintenance	Paid by Check #39015		10/24/2022	11/18/2022	11/18/2022		11/18/2022	8.19
510342	Maintenance	Paid by Check #39015		10/24/2022	11/18/2022	11/18/2022		11/18/2022	18.25
510352	Maintenance	Paid by Check #39015		10/24/2022	11/18/2022	11/18/2022		11/18/2022	125.90
510356	Maintenance	Paid by Check #39015		10/24/2022	11/18/2022	11/18/2022		11/18/2022	88.43
510371	Maintenance	Paid by Check #39015		10/24/2022	11/18/2022	11/18/2022		11/18/2022	45.36
510384	Maintenance	Paid by Check #39015		10/24/2022	11/18/2022	11/18/2022		11/18/2022	14.34
510441	Maintenance	Paid by Check #39015		10/24/2022	11/18/2022	11/18/2022		11/18/2022	4.38
510594	Maintenance	Paid by Check #39015		10/24/2022	11/18/2022	11/18/2022		11/18/2022	41.89
510612	Maintenance	Paid by Check #39015		10/24/2022	11/18/2022	11/18/2022		11/18/2022	10.83
510707	Maintenance	Paid by Check #39015		10/24/2022	11/18/2022	11/18/2022		11/18/2022	92.75
510791	Maintenance	Paid by Check #39015		10/25/2022	11/18/2022	11/18/2022		11/18/2022	50.76
510792	Maintenance	Paid by Check #39015		10/25/2022	11/18/2022	11/18/2022		11/18/2022	4.77
510793	Maintenance	Paid by Check #39015		10/25/2022	11/18/2022	11/18/2022		11/18/2022	15.60
510827	Maintenance	Paid by Check #39015		10/25/2022	11/18/2022	11/18/2022		11/18/2022	5.54
510871	Maintenance	Paid by Check #39015		10/25/2022	11/18/2022	11/18/2022		11/18/2022	(73.23)
510890	Maintenance	Paid by Check #39015		10/25/2022	11/18/2022	11/18/2022		11/18/2022	8.37
510899	Maintenance	Paid by Check #39015		10/25/2022	11/18/2022	11/18/2022		11/18/2022	30.03
511277	Maintenance	Paid by Check #39015		10/26/2022	11/18/2022	11/18/2022		11/18/2022	18.39
511289	Maintenance	Paid by Check #39015		10/26/2022	11/18/2022	11/18/2022		11/18/2022	110.58
511307	Maintenance	Paid by Check #39015		10/26/2022	11/18/2022	11/18/2022		11/18/2022	13.09



Accounts Payable Invoice Report

Payment Date Range 11/11/22 - 11/18/22
Report By Vendor - Invoice
Summary Listing

Invoice Number	Invoice Description	Status	Held Reason	Invoice Date	Due Date	G/L Date	Received Date	Payment Date	Invoice Net Amount
511312	Maintenance	Paid by Check #39015		10/26/2022	11/18/2022	11/18/2022		11/18/2022	15.34
511322	Maintenance	Paid by Check #39015		10/26/2022	11/18/2022	11/18/2022		11/18/2022	(1.33)
511508	Maintenance	Paid by Check #39015		10/26/2022	11/18/2022	11/18/2022		11/18/2022	15.71
511509	Maintenance	Paid by Check #39015		10/26/2022	11/18/2022	11/18/2022		11/18/2022	30.92
511544	Maintenance	Paid by Check #39015		10/26/2022	11/18/2022	11/18/2022		11/18/2022	83.25
511547	Maintenance	Paid by Check #39015		10/26/2022	11/18/2022	11/18/2022		11/18/2022	(26.17)
511581	Maintenance	Paid by Check #39015		10/26/2022	11/18/2022	11/18/2022		11/18/2022	22.36
511586	Maintenance	Paid by Check #39015		10/26/2022	11/18/2022	11/18/2022		11/18/2022	46.67
511594	Maintenance	Paid by Check #39015		10/26/2022	11/18/2022	11/18/2022		11/18/2022	91.52
511883	Maintenance	Paid by Check #39015		10/27/2022	11/18/2022	11/18/2022		11/18/2022	107.40
512009	Maintenance	Paid by Check #39015		10/27/2022	11/18/2022	11/18/2022		11/18/2022	12.66
512047	Maintenance	Paid by Check #39015		10/27/2022	11/18/2022	11/18/2022		11/18/2022	22.54
512224	Maintenance	Paid by Check #39015		10/28/2022	11/18/2022	11/18/2022		11/18/2022	54.67
512243	Maintenance	Paid by Check #39015		10/28/2022	11/18/2022	11/18/2022		11/18/2022	22.54
512245	Maintenance	Paid by Check #39015		10/28/2022	11/18/2022	11/18/2022		11/18/2022	14.34
512258	Maintenance	Paid by Check #39015		10/28/2022	11/18/2022	11/18/2022		11/18/2022	29.24
512280	Maintenance	Paid by Check #39015		10/28/2022	11/18/2022	11/18/2022		11/18/2022	4.48
512367	Maintenance	Paid by Check #39015		10/28/2022	11/18/2022	11/18/2022		11/18/2022	4.99
512374	Maintenance	Paid by Check #39015		10/28/2022	11/18/2022	11/18/2022		11/18/2022	31.49
512379	Maintenance	Paid by Check #39015		10/28/2022	11/18/2022	11/18/2022		11/18/2022	12.58
512432	Maintenance	Paid by Check #39015		10/28/2022	11/18/2022	11/18/2022		11/18/2022	72.49
512485	Maintenance	Paid by Check #39015		10/28/2022	11/18/2022	11/18/2022		11/18/2022	175.35
512488	Maintenance	Paid by Check #39015		10/28/2022	11/18/2022	11/18/2022		11/18/2022	61.99
512501	Maintenance	Paid by Check #39015		10/28/2022	11/18/2022	11/18/2022		11/18/2022	18.73
512512	Maintenance	Paid by Check #39015		10/28/2022	11/18/2022	11/18/2022		11/18/2022	5.51
513525	Maintenance	Paid by Check #39015		10/31/2022	11/18/2022	11/18/2022		11/18/2022	20.29
513536	Maintenance	Paid by Check #39015		10/31/2022	11/18/2022	11/18/2022		11/18/2022	21.28
513548	Maintenance	Paid by Check #39015		10/31/2022	11/18/2022	11/18/2022		11/18/2022	13.07
513856	Maintenance	Paid by Check #39015		10/31/2022	11/18/2022	11/18/2022		11/18/2022	21.12
513870	Maintenance	Paid by Check #39015		10/31/2022	11/18/2022	11/18/2022		11/18/2022	30.03
505529	Supplies	Paid by Check #39015		10/12/2022	11/18/2022	11/18/2022		11/18/2022	29.28
520647	payment for inv #505529	Paid by Check #39015		11/15/2022	11/18/2022	11/18/2022		11/18/2022	(29.28)
Vendor 4 - Dinuba Lumber Company Totals				Invoices			150		\$5,229.04
Vendor 309 - Elbert Distributing									
22042020	OIL FOR SHOP	Paid by Check #39016		11/03/2022	11/18/2022	11/18/2022		11/18/2022	71.27
Vendor 309 - Elbert Distributing Totals				Invoices			1		\$71.27
Vendor 1506 - Enterprise FM Trust									
FBN4600919	Fy 22/23-Dept. Leased vehicles	Paid by Check #39017		11/03/2022	11/18/2022	11/18/2022	11/07/2022	11/18/2022	1,802.72
FBN4600810	ENTERPRISE - FLEET LEASE PAYMENT	Paid by Check #39017		11/03/2022	11/18/2022	11/18/2022		11/18/2022	6,848.84



Accounts Payable Invoice Report

Payment Date Range 11/11/22 - 11/18/22
Report By Vendor - Invoice
Summary Listing

Invoice Number	Invoice Description	Status	Held Reason	Invoice Date	Due Date	G/L Date	Received Date	Payment Date	Invoice Net Amount
		Vendor	1506 - Enterprise FM Trust Totals			Invoices		2	\$8,651.56
Vendor 1591 - Environment Control									
17272-299	ENVIRONMENT - JANITORIAL SERVICE, NOVEMBER 2022	Paid by Check #39018		11/01/2022	11/18/2022	11/18/2022		11/18/2022	6,621.97
		Vendor	1591 - Environment Control Totals			Invoices		1	\$6,621.97
Vendor 442 - Fastenal Company									
CAFR320378	GLOVES FOR WWTP	Paid by Check #39019		10/19/2022	11/18/2022	11/18/2022		11/18/2022	837.51
CAFR320351	SAFETY GLASSES	Paid by Check #39019		10/26/2022	11/18/2022	11/18/2022		11/18/2022	117.02
		Vendor	442 - Fastenal Company Totals			Invoices		2	\$954.53
Vendor 1244 - Fire Apparatus Solutions									
24505	REPAIR PART(S) FOR T 32	Paid by Check #39020		11/07/2022	11/18/2022	11/18/2022		11/18/2022	1,281.57
		Vendor	1244 - Fire Apparatus Solutions Totals			Invoices		1	\$1,281.57
Vendor 377 - Fresno Truck Center									
FA001691742:01	REPAIR PART(S) FOR U 04	Paid by Check #39021		11/04/2022	11/18/2022	11/18/2022		11/18/2022	161.46
		Vendor	377 - Fresno Truck Center Totals			Invoices		1	\$161.46
Vendor 1801 - Garda CL West, INC									
20547259	SERVICE MONTH OCTOBER 2022	Paid by Check #39022		10/31/2022	11/18/2022	11/18/2022		11/18/2022	49.23
		Vendor	1801 - Garda CL West, INC Totals			Invoices		1	\$49.23
Vendor 18 - The Gas Company									
1620158000411/22	October 2022	Paid by Check #39024		11/04/2022	11/18/2022	11/18/2022		11/18/2022	25.29
1620156700111/22	CS 1390 E ELIZABETH WAY 10/04/22-11/02/22	Paid by Check #39025		11/04/2022	11/18/2022	11/18/2022		11/18/2022	43.62
1641156700711/22	110 S COLLEGE AVE 10/04/22-11/02/22	Paid by Check #39027		11/04/2022	11/18/2022	11/18/2022		11/18/2022	38.13
1683513818711/22	180 W Merced STE A	Paid by Check #39023		11/04/2022	11/18/2022	11/18/2022		11/18/2022	1.96
0865742471211/22	NATURAL GAS VEHICLE FUEL 10/01/22-11/01/22	Paid by Check #39026		11/07/2022	11/18/2022	11/18/2022		11/18/2022	6,523.26
		Vendor	18 - The Gas Company Totals			Invoices		5	\$6,632.26
Vendor 68 - Grainger Inc.									
9496809063	UTILITY PUMP FOR WWTP	Paid by Check #39028		10/31/2022	11/18/2022	11/18/2022		11/18/2022	1,768.05
		Vendor	68 - Grainger Inc. Totals			Invoices		1	\$1,768.05
Vendor 1841 - Hamner, Jewell & Associates									
202137	Hamner Jewell Kamm and Alta Roundabout	Paid by Check #39029		11/08/2022	11/18/2022	11/18/2022		11/18/2022	5,168.66
		Vendor	1841 - Hamner, Jewell & Associates Totals			Invoices		1	\$5,168.66
Vendor 496 - The Hanover Insurance Company									



Accounts Payable Invoice Report

Payment Date Range 11/11/22 - 11/18/22
Report By Vendor - Invoice
Summary Listing

Invoice Number	Invoice Description	Status	Held Reason	Invoice Date	Due Date	G/L Date	Received Date	Payment Date	Invoice Net Amount
11/07/2022	RHF A044134 07/01/2022-07/01/2023	Paid by Check #39030		11/07/2022	11/18/2022	11/18/2022		11/18/2022	12,937.80
Vendor 496 - The Hanover Insurance Company Totals						Invoices	1		\$12,937.80
Vendor 139 - Henry Schein Inc.									
27800900	Supplies	Paid by Check #39031		11/02/2022	11/18/2022	11/18/2022		11/18/2022	926.71
27937906	Supplies	Paid by Check #39031		11/03/2022	11/18/2022	11/18/2022		11/18/2022	465.30
28026332	Supplies	Paid by Check #39031		11/04/2022	11/18/2022	11/18/2022		11/18/2022	5.21
Vendor 139 - Henry Schein Inc. Totals						Invoices	3		\$1,397.22
Vendor 174 - Howard's Pest Control									
109307	November 2022	Paid by Check #39032		11/04/2022	11/18/2022	11/18/2022		11/18/2022	93.00
107871	180 W MERCED ST DINUBA TRANSIT CENTER (Acct#:27335) SEPTEMBER 22	Paid by Check #39032		09/06/2022	11/18/2022	11/18/2022		11/18/2022	75.00
109304	180 W MERCED ST DINUBA TRANSIT CENTER (Acct#:27335) NOVEMBER 22	Paid by Check #39032		11/04/2022	11/18/2022	11/18/2022		11/18/2022	75.00
109309	PEST CONTROL SERVICES - OLD PW	Paid by Check #39032		11/04/2022	11/18/2022	11/18/2022		11/18/2022	67.00
109319	PEST CONTROL SERVICES - PW	Paid by Check #39032		11/04/2022	11/18/2022	11/18/2022		11/18/2022	135.00
Vendor 174 - Howard's Pest Control Totals						Invoices	5		\$445.00
Vendor 1718 - JCL Company, LLC									
CEP30413230	FLEET TOOLS	Paid by Check #39033		10/13/2022	11/18/2022	11/18/2022		11/18/2022	130.15
CEP30517860	FLEET TOOLS	Paid by Check #39033		10/18/2022	11/18/2022	11/18/2022		11/18/2022	139.42
CEP30858350	FLEET TOOLS	Paid by Check #39033		11/10/2022	11/18/2022	11/18/2022		11/18/2022	340.15
Vendor 1718 - JCL Company, LLC Totals						Invoices	3		\$609.72
Vendor 1868 - JFS Enterprises, Inc									
15-3871	JFS - WWTP, RIPPING OF PONDS 10, 11, 12	Paid by Check #39034		12/15/2021	11/18/2022	11/18/2022		11/18/2022	17,075.00
Vendor 1868 - JFS Enterprises, Inc Totals						Invoices	1		\$17,075.00
Vendor 6 - Jim Manning Dodge Inc.									
155865DOR	FLEET SUPPLIES	Paid by Check #39035		10/13/2022	11/18/2022	11/18/2022		11/18/2022	156.89
155980DOR	REPAIR PART(S) FOR BC 32	Paid by Check #39035		10/25/2022	11/18/2022	11/18/2022		11/18/2022	275.58
DOCS141276	REPAIR PART(S) FOR PD 40	Paid by Check #39035		10/28/2022	11/18/2022	11/18/2022		11/18/2022	29.00
Vendor 6 - Jim Manning Dodge Inc. Totals						Invoices	3		\$461.47
Vendor 440 - Johnson Controls Security Solutions									
38105600	Annual Service Charge 405 E El Monte Way 12/01/22-11/30/23	Paid by Check #39036		11/05/2022	11/18/2022	11/18/2022		11/18/2022	680.45
38105603	199 N L ST 12/01/22-02/28/23	Paid by Check #39036		11/05/2022	11/18/2022	11/18/2022		11/18/2022	1,026.80



Accounts Payable Invoice Report

Payment Date Range 11/11/22 - 11/18/22
Report By Vendor - Invoice
Summary Listing

Invoice Number	Invoice Description	Status	Held Reason	Invoice Date	Due Date	G/L Date	Received Date	Payment Date	Invoice Net Amount
38105601	SECURITY SERVICES FOR WATER TOWER ON SIERRA	Paid by Check #39036		11/05/2022	11/18/2022	11/18/2022		11/18/2022	76.76
Vendor 440 - Johnson Controls Security Solutions Totals									
								Invoices	3
									\$1,784.01
Vendor 5 - Jorgensen & Co.									
6035109	FIRE EXT ANNUAL MAINTENANCE TRANSIT	Paid by Check #39037		11/02/2022	11/18/2022	11/18/2022		11/18/2022	59.00
6035111	ANNUAL FIRE EXT SERVICE - WWTP	Paid by Check #39037		11/02/2022	11/18/2022	11/18/2022		11/18/2022	322.28
Vendor 5 - Jorgensen & Co. Totals									
								Invoices	2
									\$381.28
Vendor 256 - Kamps Propane Inc.									
19555	PROPANE FOR WATER PUMP AT GOLF COURSE	Paid by Check #39038		07/13/2022	11/18/2022	11/18/2022		11/18/2022	242.25
Vendor 256 - Kamps Propane Inc. Totals									
								Invoices	1
									\$242.25
Vendor 115 - Kesting Welding									
912478	REPLACE FLOOR ON TRAILER FOR PARKS	Paid by Check #39039		11/04/2022	11/18/2022	11/18/2022		11/18/2022	3,305.10
Vendor 115 - Kesting Welding Totals									
								Invoices	1
									\$3,305.10
Vendor 216 - Key Design Locksmithing									
16672	REKEY FOR KC PARK	Paid by Check #39040		10/13/2022	11/18/2022	11/18/2022		11/18/2022	370.05
Vendor 216 - Key Design Locksmithing Totals									
								Invoices	1
									\$370.05
Vendor 1830 - Lara Asphalt Seal Coating									
0309	Lara Asphalt Vermont Ave	Paid by Check #39041		11/08/2022	11/18/2022	11/18/2022		11/18/2022	6,400.00
Vendor 1830 - Lara Asphalt Seal Coating Totals									
								Invoices	1
									\$6,400.00
Vendor 449 - Les Schwab Tire Centers of Central California									
55100294252	4 TIRES FOR R 02	Paid by Check #39042		10/14/2022	11/18/2022	11/18/2022		11/18/2022	1,615.54
55100294539	4 TIRES FOR PD 45	Paid by Check #39042		10/18/2022	11/18/2022	11/18/2022		11/18/2022	1,223.42
55100294737	2 TIRES AND ALIGNMENT FOR PD 11	Paid by Check #39042		10/20/2022	11/18/2022	11/18/2022		11/18/2022	492.21
55100295611	4 TIRES FOR PD 30	Paid by Check #39042		10/31/2022	11/18/2022	11/18/2022		11/18/2022	813.94
Vendor 449 - Les Schwab Tire Centers of Central California Totals									
								Invoices	4
									\$4,145.11
Vendor 160 - Mid Valley Publishing Inc.									
0326875-IN	10/13 Ordinance No. 2022-12 Veh Charge Station	Paid by Check #39043		10/13/2022	11/18/2022	11/18/2022		11/18/2022	172.50
0326932-IN	10/27 Ordinance No. 2022-12 Veh Charge Station	Paid by Check #39043		10/27/2022	11/18/2022	11/18/2022		11/18/2022	304.00
0326933-IN	10/27 Ordinance No. 2022-10 Flood Plan	Paid by Check #39043		10/27/2022	11/18/2022	11/18/2022		11/18/2022	288.00
0326934-IN	10/27 Nominees for Pub Office	Paid by Check #39043		10/27/2022	11/18/2022	11/18/2022		11/18/2022	184.00
0326847-IN	FALL CLEAN UP AD	Paid by Check #39043		10/13/2022	11/18/2022	11/18/2022		11/18/2022	630.00



Accounts Payable Invoice Report

Payment Date Range 11/11/22 - 11/18/22
Report By Vendor - Invoice
Summary Listing

Invoice Number	Invoice Description	Status	Held Reason	Invoice Date	Due Date	G/L Date	Received Date	Payment Date	Invoice Net Amount
		Vendor	160 - Mid Valley Publishing Inc. Totals			Invoices		5	\$1,578.50
Vendor 22 - Moore Twining Associates Inc.									
2377504	WATER SAMPLE TESTING WWTP - INDUSTRIAL	Paid by Check #39044		10/20/2022	11/18/2022	11/18/2022		11/18/2022	88.00
2377506	WATER SAMPLE TESTING WWTP - IN HOUSE	Paid by Check #39044		10/20/2022	11/18/2022	11/18/2022		11/18/2022	226.00
2377551	WATER SAMPLE TESTING WWTP - INDUSTRIAL	Paid by Check #39044		10/20/2022	11/18/2022	11/18/2022		11/18/2022	88.00
2377861	WATER SAMPLE TESTING WWTP - INDUSTRIAL	Paid by Check #39044		10/25/2022	11/18/2022	11/18/2022		11/18/2022	88.00
2377862	WATER SAMPLE TESTING WWTP - IN HOUSE	Paid by Check #39044		10/25/2022	11/18/2022	11/18/2022		11/18/2022	115.00
2377900	WATER SAMPLE TESTING WWTP - INDUSTRIAL	Paid by Check #39044		10/27/2022	11/18/2022	11/18/2022		11/18/2022	88.00
2378183	WATER SAMPLE TESTING WWTP - IN HOUSE	Paid by Check #39044		11/01/2022	11/18/2022	11/18/2022		11/18/2022	70.00
2378219	WATER SAMPLE TESTING WWTP - INDUSTRIAL	Paid by Check #39044		11/01/2022	11/18/2022	11/18/2022		11/18/2022	88.00
2378239	WATER SAMPLE TESTING WWTP - INDUSTRIAL	Paid by Check #39044		11/03/2022	11/18/2022	11/18/2022		11/18/2022	88.00
2378493	WATER SAMPLE TESTING WWTP - IN HOUSE	Paid by Check #39044		11/10/2022	11/18/2022	11/18/2022		11/18/2022	108.00
2378494	WATER SAMPLE TESTING WWTP - INDUSTRIAL	Paid by Check #39044		11/10/2022	11/18/2022	11/18/2022		11/18/2022	88.00
2378531	WATER SAMPLE TESTING WWTP - INDUSTRIAL	Paid by Check #39044		11/10/2022	11/18/2022	11/18/2022		11/18/2022	88.00
		Vendor	22 - Moore Twining Associates Inc. Totals			Invoices		12	\$1,223.00
Vendor 1570 - Mountain Valley Environmental Services, Inc.									
3918	CHIEF PLANT OPERATOR SERVICES WWTP - DECEMBER 2022	Paid by Check #39045		11/01/2022	11/18/2022	11/18/2022		11/18/2022	4,871.70
		Vendor	1570 - Mountain Valley Environmental Services, Inc. Totals			Invoices		1	\$4,871.70
Vendor 88 - Municipal Maintenance Equipment Inc.									
0174634-IN	REPAIR PART(S) FOR U 45	Paid by Check #39046		10/14/2022	11/18/2022	11/18/2022		11/18/2022	114.34
0175054-IN	REPAIR PART(S) FOR U 45	Paid by Check #39046		10/27/2022	11/18/2022	11/18/2022		11/18/2022	83.63
		Vendor	88 - Municipal Maintenance Equipment Inc. Totals			Invoices		2	\$197.97
Vendor 1478 - Municipal Management Assoc. of Northern California									
6525	MEMBERSHIP RENEWAL THROUGH 10/11/2023	Paid by Check #39047		08/28/2022	11/18/2022	11/18/2022		11/18/2022	75.00
		Vendor	1478 - Municipal Management Assoc. of Northern California Totals			Invoices		1	\$75.00
Vendor 884 - Napa Auto Parts									
62294	Vehicles	Paid by Check #39048		10/03/2022	11/18/2022	11/18/2022		11/18/2022	116.46



Accounts Payable Invoice Report

Payment Date Range 11/11/22 - 11/18/22
Report By Vendor - Invoice
Summary Listing

Invoice Number	Invoice Description	Status	Held Reason	Invoice Date	Due Date	G/L Date	Received Date	Payment Date	Invoice Net Amount
62383	Vehicles	Paid by Check #39048		10/04/2022	11/18/2022	11/18/2022		11/18/2022	1,300.92
62427	Vehicles	Paid by Check #39048		10/04/2022	11/18/2022	11/18/2022		11/18/2022	147.90
62440	Vehicles	Paid by Check #39048		10/05/2022	11/18/2022	11/18/2022		11/18/2022	313.03
62472	Vehicles	Paid by Check #39048		10/05/2022	11/18/2022	11/18/2022		11/18/2022	259.90
62539	Vehicles	Paid by Check #39048		10/06/2022	11/18/2022	11/18/2022		11/18/2022	130.11
62574	Vehicles	Paid by Check #39048		10/06/2022	11/18/2022	11/18/2022		11/18/2022	50.98
62578	Vehicles	Paid by Check #39048		10/06/2022	11/18/2022	11/18/2022		11/18/2022	39.03
62624	Vehicles	Paid by Check #39048		10/07/2022	11/18/2022	11/18/2022		11/18/2022	52.04
62649	Vehicles	Paid by Check #39048		10/07/2022	11/18/2022	11/18/2022		11/18/2022	159.23
62658	Vehicles	Paid by Check #39048		10/07/2022	11/18/2022	11/18/2022		11/18/2022	60.24
62696	Vehicles	Paid by Check #39048		10/10/2022	11/18/2022	11/18/2022		11/18/2022	(415.97)
62698	Vehicles	Paid by Check #39048		10/10/2022	11/18/2022	11/18/2022		11/18/2022	(83.55)
62699	Vehicles	Paid by Check #39048		10/10/2022	11/18/2022	11/18/2022		11/18/2022	(418.38)
62718	Vehicles	Paid by Check #39048		10/10/2022	11/18/2022	11/18/2022		11/18/2022	325.47
62871	Vehicles	Paid by Check #39048		10/12/2022	11/18/2022	11/18/2022		11/18/2022	15.45
62936	Vehicles	Paid by Check #39048		10/13/2022	11/18/2022	11/18/2022		11/18/2022	643.64
62945	Vehicles	Paid by Check #39048		10/13/2022	11/18/2022	11/18/2022		11/18/2022	202.18
63121	Vehicles	Paid by Check #39048		10/17/2022	11/18/2022	11/18/2022		11/18/2022	364.31
63122	Vehicles	Paid by Check #39048		10/17/2022	11/18/2022	11/18/2022		11/18/2022	229.84
63133	Vehicles	Paid by Check #39048		10/17/2022	11/18/2022	11/18/2022		11/18/2022	115.52
63168	Vehicles	Paid by Check #39048		10/17/2022	11/18/2022	11/18/2022		11/18/2022	85.76
63187	Vehicles	Paid by Check #39048		10/18/2022	11/18/2022	11/18/2022		11/18/2022	146.84
63240	Vehicles	Paid by Check #39048		10/18/2022	11/18/2022	11/18/2022		11/18/2022	300.09
63252	Vehicles	Paid by Check #39048		10/18/2022	11/18/2022	11/18/2022		11/18/2022	(300.09)
63327	Vehicles	Paid by Check #39048		10/19/2022	11/18/2022	11/18/2022		11/18/2022	149.45
63439	Vehicles	Paid by Check #39048		10/21/2022	11/18/2022	11/18/2022		11/18/2022	159.19
63490	Vehicles	Paid by Check #39048		10/24/2022	11/18/2022	11/18/2022		11/18/2022	312.24
63542	Vehicles	Paid by Check #39048		10/24/2022	11/18/2022	11/18/2022		11/18/2022	124.76
63576	Vehicles	Paid by Check #39048		10/25/2022	11/18/2022	11/18/2022		11/18/2022	49.98
63577	Vehicles	Paid by Check #39048		10/25/2022	11/18/2022	11/18/2022		11/18/2022	(147.34)
63643	Vehicles	Paid by Check #39048		10/26/2022	11/18/2022	11/18/2022		11/18/2022	46.69
63734	Vehicles	Paid by Check #39048		10/27/2022	11/18/2022	11/18/2022		11/18/2022	313.32
63777	Vehicles	Paid by Check #39048		10/27/2022	11/18/2022	11/18/2022		11/18/2022	287.31
Vendor 884 - Napa Auto Parts Totals							Invoices	34	\$5,136.55
Vendor 392 - O'Reilly Auto Parts									
3641-484343	Vehicles	Paid by Check #39049		09/29/2022	11/18/2022	11/18/2022		11/18/2022	20.06
3641-485206	Vehicles	Paid by Check #39049		10/04/2022	11/18/2022	11/18/2022		11/18/2022	108.49
3641-485366	Contractual	Paid by Check #39049		10/05/2022	11/18/2022	11/18/2022		11/18/2022	53.45
3641-485404	Vehicles	Paid by Check #39049		10/05/2022	11/18/2022	11/18/2022		11/18/2022	180.41
3641-485752	Vehicles	Paid by Check #39049		10/07/2022	11/18/2022	11/18/2022		11/18/2022	36.85
3641-486109	Vehicles	Paid by Check #39049		10/08/2022	11/18/2022	11/18/2022		11/18/2022	218.15



Accounts Payable Invoice Report

Payment Date Range 11/11/22 - 11/18/22
Report By Vendor - Invoice
Summary Listing

Invoice Number	Invoice Description	Status	Held Reason	Invoice Date	Due Date	G/L Date	Received Date	Payment Date	Invoice Net Amount
3641-486290	Vehicles	Paid by Check #39049		10/10/2022	11/18/2022	11/18/2022		11/18/2022	71.74
3641-486319	Vehicles	Paid by Check #39049		10/10/2022	11/18/2022	11/18/2022		11/18/2022	21.14
3641-486320	Vehicles	Paid by Check #39049		10/10/2022	11/18/2022	11/18/2022		11/18/2022	(7.25)
3641-486341	Vehicles	Paid by Check #39049		10/10/2022	11/18/2022	11/18/2022		11/18/2022	86.34
3641-486502	Vehicles	Paid by Check #39049		10/11/2022	11/18/2022	11/18/2022		11/18/2022	5.47
3641-486553	Vehicles	Paid by Check #39049		10/11/2022	11/18/2022	11/18/2022		11/18/2022	86.79
3641-486814	Vehicles	Paid by Check #39049		10/13/2022	11/18/2022	11/18/2022		11/18/2022	50.32
3641-486820	Vehicles	Paid by Check #39049		10/13/2022	11/18/2022	11/18/2022		11/18/2022	180.41
3641-486882	Vehicles	Paid by Check #39049		10/13/2022	11/18/2022	11/18/2022		11/18/2022	252.08
3641-486889	Vehicles	Paid by Check #39049		10/13/2022	11/18/2022	11/18/2022		11/18/2022	53.95
3641-486890	Vehicles	Paid by Check #39049		10/13/2022	11/18/2022	11/18/2022		11/18/2022	41.53
3641-486907	Vehicles	Paid by Check #39049		10/13/2022	11/18/2022	11/18/2022		11/18/2022	22.92
3641-486925	Vehicles	Paid by Check #39049		10/13/2022	11/18/2022	11/18/2022		11/18/2022	(22.00)
3641-486999	Vehicles	Paid by Check #39049		10/14/2022	11/18/2022	11/18/2022		11/18/2022	58.96
3641-487531	Vehicles	Paid by Check #39049		10/17/2022	11/18/2022	11/18/2022		11/18/2022	14.92
3641-487698	Vehicles	Paid by Check #39049		10/18/2022	11/18/2022	11/18/2022		11/18/2022	25.76
3641-487718	Vehicles	Paid by Check #39049		10/18/2022	11/18/2022	11/18/2022		11/18/2022	62.92
3641-487804	Vehicles	Paid by Check #39049		10/18/2022	11/18/2022	11/18/2022		11/18/2022	273.08
3641-487807	Vehicles	Paid by Check #39049		10/18/2022	11/18/2022	11/18/2022		11/18/2022	234.53
3641-487889	Vehicles	Paid by Check #39049		10/19/2022	11/18/2022	11/18/2022		11/18/2022	11.39
3641-487923	Vehicles	Paid by Check #39049		10/19/2022	11/18/2022	11/18/2022		11/18/2022	32.12
3641-487952	Vehicles	Paid by Check #39049		10/19/2022	11/18/2022	11/18/2022		11/18/2022	16.05
3641-487953	Vehicles	Paid by Check #39049		10/19/2022	11/18/2022	11/18/2022		11/18/2022	24.09
3641-487954	Vehicles	Paid by Check #39049		10/19/2022	11/18/2022	11/18/2022		11/18/2022	132.86
3641-487970	Vehicles	Paid by Check #39049		10/19/2022	11/18/2022	11/18/2022		11/18/2022	34.48
3641-487973	Vehicles	Paid by Check #39049		10/19/2022	11/18/2022	11/18/2022		11/18/2022	21.49
3641-487980	Vehicles	Paid by Check #39049		10/19/2022	11/18/2022	11/18/2022		11/18/2022	15.34
3641-488061	Vehicles	Paid by Check #39049		10/20/2022	11/18/2022	11/18/2022		11/18/2022	44.33
3641-488062	Vehicles	Paid by Check #39049		10/20/2022	11/18/2022	11/18/2022		11/18/2022	44.33
3641-488176	Vehicles	Paid by Check #39049		10/20/2022	11/18/2022	11/18/2022		11/18/2022	4.01
3641-488242	Vehicles	Paid by Check #39049		10/21/2022	11/18/2022	11/18/2022		11/18/2022	32.12
3641-488254	Vehicles	Paid by Check #39049		10/21/2022	11/18/2022	11/18/2022		11/18/2022	4.01
3641-488262	Vehicles	Paid by Check #39049		10/21/2022	11/18/2022	11/18/2022		11/18/2022	44.33
3641-488307	Vehicles	Paid by Check #39049		10/21/2022	11/18/2022	11/18/2022		11/18/2022	8.03
3641-488378	Vehicles	Paid by Check #39049		10/21/2022	11/18/2022	11/18/2022		11/18/2022	85.45
3641-488384	Vehicles	Paid by Check #39049		10/21/2022	11/18/2022	11/18/2022		11/18/2022	360.74
3641-488846	Vehicles	Paid by Check #39049		10/24/2022	11/18/2022	11/18/2022		11/18/2022	108.01
3641-488847	Vehicles	Paid by Check #39049		10/24/2022	11/18/2022	11/18/2022		11/18/2022	424.78
3641-488855	Vehicles	Paid by Check #39049		10/24/2022	11/18/2022	11/18/2022		11/18/2022	(44.00)
3641-488895	Vehicles	Paid by Check #39049		10/24/2022	11/18/2022	11/18/2022		11/18/2022	212.39
EB11555401	Vehicles	Paid by Check #39049		10/24/2022	11/18/2022	11/18/2022		11/18/2022	(17.45)
3641-489013	Vehicles	Paid by Check #39049		10/25/2022	11/18/2022	11/18/2022		11/18/2022	22.84



Accounts Payable Invoice Report

Payment Date Range 11/11/22 - 11/18/22
Report By Vendor - Invoice
Summary Listing

Invoice Number	Invoice Description	Status	Held Reason	Invoice Date	Due Date	G/L Date	Received Date	Payment Date	Invoice Net Amount
3641-489179	Vehicles	Paid by Check #39049		10/26/2022	11/18/2022	11/18/2022		11/18/2022	564.18
3641-489218	Vehicles	Paid by Check #39049		10/26/2022	11/18/2022	11/18/2022		11/18/2022	58.52
3641-489456	Vehicles	Paid by Check #39049		10/27/2022	11/18/2022	11/18/2022		11/18/2022	45.01
3641-489560	Vehicles	Paid by Check #39049		10/28/2022	11/18/2022	11/18/2022		11/18/2022	117.11
3641-489604	Vehicles	Paid by Check #39049		10/28/2022	11/18/2022	11/18/2022		11/18/2022	30.16
3641-489677	Vehicles	Paid by Check #39049		10/28/2022	11/18/2022	11/18/2022		11/18/2022	(22.00)
Vendor			392 - O'Reilly Auto Parts Totals			Invoices		54	\$4,545.74
Vendor 142 - Office Depot BSD									
271156694001	OFFICE SUPPLIES	Paid by Check #39050		10/28/2022	11/18/2022	11/18/2022		11/18/2022	56.40
271155250001	OFFICE DEPOT	Paid by Check #39050		10/31/2022	11/18/2022	11/18/2022		11/18/2022	155.36
271156677001	office supplies	Paid by Check #39050		10/31/2022	11/18/2022	11/18/2022		11/18/2022	31.86
276950883001	OFFICE SUPPLIES	Paid by Check #39050		11/08/2022	11/18/2022	11/18/2022		11/18/2022	83.30
275139563001	Fy 22/23-CS-Offcie supplies	Paid by Check #39050		10/27/2022	11/18/2022	11/18/2022	11/14/2022	11/18/2022	30.36
275015531001	PD - Supplies	Paid by Check #39050		11/01/2022	11/18/2022	11/18/2022		11/18/2022	111.40
275015688001	PD - Supplies	Paid by Check #39050		11/01/2022	11/18/2022	11/18/2022		11/18/2022	21.69
276554668001	PD - Supplies	Paid by Check #39050		11/03/2022	11/18/2022	11/18/2022		11/18/2022	91.41
272178339001	Office Supplies - Office Depot	Paid by Check #39050		10/12/2022	11/18/2022	11/18/2022		11/18/2022	53.48
272178337001	Office Supplies - Office Depot	Paid by Check #39050		10/13/2022	11/18/2022	11/18/2022		11/18/2022	7.07
272989384001	Office Supplies - Office Depot	Paid by Check #39050		10/13/2022	11/18/2022	11/18/2022		11/18/2022	661.60
Vendor			142 - Office Depot BSD Totals			Invoices		11	\$1,303.93
Vendor 1773 - Pace Supply Corp.									
197954544-2	SUPPLIES FOR WATER DEPT	Paid by Check #39051		10/19/2022	11/18/2022	11/18/2022		11/18/2022	1,476.03
198135527	WATER DEPT SUPPLIES	Paid by Check #39051		10/27/2022	11/18/2022	11/18/2022		11/18/2022	745.10
198145873	WATER DEPT SUPPLIES	Paid by Check #39051		11/01/2022	11/18/2022	11/18/2022		11/18/2022	860.46
198147677	WATER DEPT SUPPLIES	Paid by Check #39051		11/09/2022	11/18/2022	11/18/2022		11/18/2022	506.32
Vendor			1773 - Pace Supply Corp. Totals			Invoices		4	\$3,587.91
Vendor 76 - Pacific Gas & Electric									
9624769219511/22	225 S L ST 10/04/22-11/06/22	Paid by Check #39076		11/07/2022	11/18/2022	11/18/2022		11/18/2022	116.83
3547447107111/22	420 E TULARE ST 10/07/22-11/06/22	Paid by Check #39074		11/09/2022	11/18/2022	11/18/2022		11/18/2022	661.77
6183054474011/22	496 E TULARE ST 10/07/22-11/06/22	Paid by Check #39075		11/09/2022	11/18/2022	11/18/2022		11/18/2022	4,104.74
6782667017510/22	L & L ALICE & W NORTH WAY 09/27/22-10/25/22	Paid by Check #39052		10/31/2022	11/18/2022	11/18/2022		11/18/2022	62.07
5683054506911/22	PD - 10/07/2022 - 11/06/2022 Billing Charges	Paid by Check #39053		11/09/2022	11/18/2022	11/18/2022		11/18/2022	5,635.27
0008141892-3	2099 W SIERRA WAY B September 2022	Paid by Check #39054		10/17/2022	11/18/2022	11/18/2022		11/18/2022	136.79
0375636985010/22	N/E RD 76 & AVE 416 09/24/22-10/24/22	Paid by Check #39055		10/25/2022	11/18/2022	11/18/2022		11/18/2022	97.02



Accounts Payable Invoice Report

Payment Date Range 11/11/22 - 11/18/22
Report By Vendor - Invoice
Summary Listing

Invoice Number	Invoice Description	Status	Held Reason	Invoice Date	Due Date	G/L Date	Received Date	Payment Date	Invoice Net Amount
3120184832710/22	7387 W SIERRA WAY AVE 09/23/22-10/23/22	Paid by Check #39061		10/25/2022	10/25/2022	11/18/2022		11/18/2022	21,216.21
8218800681910/22	2099 W SIERRA WAY B 09/23/22- 10/23/22	Paid by Check #39069		10/25/2022	11/18/2022	11/18/2022		11/18/2022	3,882.96
0418167531710/22	RD 72 & W SIERRA WAY 09/27/22-10/25/22	Paid by Check #39056		10/26/2022	11/18/2022	11/18/2022		11/18/2022	318.31
0584832101310/22	NE CRAWFORD & GERALD 09/27/22-10/25/22	Paid by Check #39058		10/26/2022	11/18/2022	11/18/2022		11/18/2022	8.74
8968787345810/22	651 W SAGINAW AVE 09/27/22- 10/25/22	Paid by Check #39071		10/26/2022	11/18/2022	11/18/2022		11/18/2022	104.23
4772157652910/22	ALTA & EL MONTE WAY 09/28/22 -10/26/22	Paid by Check #39063		10/27/2022	11/18/2022	11/18/2022		11/18/2022	155.13
5355488862710/22	912 N ALTA @SAGINAW & ALTA	Paid by Check #39065		10/27/2022	11/18/2022	11/18/2022		11/18/2022	65.69
5657667089910/22	NW COR ALICE & W EL MONTE WAY 09/28/22-10/26/22	Paid by Check #39066		10/27/2022	11/18/2022	11/18/2022		11/18/2022	86.77
6657667025210/22	NW COR ALTA & RD 80 09/28/22- 10/26/22	Paid by Check #39067		10/27/2022	11/18/2022	11/18/2022		11/18/2022	66.46
8647150103010/22	ON E EL MONTE WAY & PERRY 09/28/22-10/26/22	Paid by Check #39070		10/27/2022	11/18/2022	11/18/2022		11/18/2022	62.10
1686600158510/22	2255 W EL MONTE WAY 09/29/22 -10/27/22	Paid by Check #39060		10/28/2022	11/18/2022	11/18/2022		11/18/2022	64.67
3354641796610/22	KAMM & O ST 09/29/22-10/27/22	Paid by Check #39062		10/28/2022	11/18/2022	11/18/2022		11/18/2022	43.41
5064695483910/22	CRAWFORD & EL MONTE SW 09/29/22-10/27/22	Paid by Check #39064		10/28/2022	11/18/2022	11/18/2022		11/18/2022	105.28
8981923387810/22	150 W SAGINAW AVE 09/29/22- 10/27/22	Paid by Check #39072		10/28/2022	11/18/2022	11/18/2022		11/18/2022	62.10
9237058126310/22	2813 W EL MONTE WAY 09/29/22 -10/27/22	Paid by Check #39073		10/28/2022	11/18/2022	11/18/2022		11/18/2022	151.48
0571296382510/22	PW 09/30/22-10/28/22	Paid by Check #39057		10/30/2022	11/18/2022	11/18/2022		11/18/2022	123.42
1416294094510/22	389 W EL MONTE WAY 09/30/22- 10/28/22	Paid by Check #39059		10/30/2022	11/18/2022	11/18/2022		11/18/2022	66.98
7149346409411/22	EUCLID S/LINDARA WELL #18 09/29/22-10/27/22	Paid by Check #39068		11/03/2022	11/18/2022	11/18/2022		11/18/2022	1,232.06
			Vendor 76 - Pacific Gas & Electric Totals				Invoices	25	\$38,630.49
Vendor 7 - Pena's Disposal Services									
691843	Cust No. 01-153360	Paid by Check #39077		10/21/2022	11/18/2022	11/18/2022		11/18/2022	1,847.36
696678	SELF HAUL - YARD WASTE, SOLID MIXED WASTE	Paid by Check #39077		11/01/2022	11/18/2022	11/18/2022		11/18/2022	450.00
			Vendor 7 - Pena's Disposal Services Totals				Invoices	2	\$2,297.36
Vendor 1565 - Quadient Finance USA, Inc.									
11/09/22	postage	Paid by Check #39078		11/09/2022	11/18/2022	11/18/2022		11/18/2022	5,104.61
			Vendor 1565 - Quadient Finance USA, Inc. Totals				Invoices	1	\$5,104.61
Vendor 968 - Quic Shop Markets, Inc.									



Accounts Payable Invoice Report

Payment Date Range 11/11/22 - 11/18/22
Report By Vendor - Invoice
Summary Listing

Invoice Number	Invoice Description	Status	Held Reason	Invoice Date	Due Date	G/L Date	Received Date	Payment Date	Invoice Net Amount
10585	CAR WASHES - NOVEMBER 2021	Paid by Check #39079		11/02/2022	11/18/2022	11/18/2022			16.00
		Vendor 968 - Quic Shop Markets, Inc. Totals				Invoices	1		\$16.00
Vendor 124 - Reedley Veterinary Hospital									
101	PD - Veterinary Fees / October Disposal Fees	Paid by Check #39080		10/31/2022	11/18/2022	11/18/2022		11/18/2022	888.00
		Vendor 124 - Reedley Veterinary Hospital Totals				Invoices	1		\$888.00
Vendor 1677 - Rodeo Wild West									
65738	BOOT ALLOWANCE - CHRIS TREADWAY FY 2023	Paid by Check #39081		10/25/2022	11/18/2022	11/18/2022		11/18/2022	177.94
		Vendor 1677 - Rodeo Wild West Totals				Invoices	1		\$177.94
Vendor 800 - San Joaquin Valley Railroad Co.									
191691	San Joaquin Valley Railroad Pipe Line Crossing	Paid by Check #39082		11/03/2022	11/18/2022	11/18/2022		11/18/2022	754.03
		Vendor 800 - San Joaquin Valley Railroad Co. Totals				Invoices	1		\$754.03
Vendor 42 - Scout Specialties									
160491	GLOVES FOR	Paid by Check #39083		10/25/2022	11/18/2022	11/18/2022		11/18/2022	59.24
160539	WWTP SUPPLIES	Paid by Check #39083		10/26/2022	11/18/2022	11/18/2022		11/18/2022	32.09
160710	FLEET SUPPLIES	Paid by Check #39083		11/01/2022	11/18/2022	11/18/2022		11/18/2022	78.66
		Vendor 42 - Scout Specialties Totals				Invoices	3		\$169.99
Vendor 46 - Self Help Enterprises									
DIN18HM 10-22	GENERAL ADMIN OCTOBER 2022	Paid by Check #39084		11/09/2022	11/18/2022	11/18/2022		11/18/2022	468.75
DIN19HM 10-22	GENERAL ADMIN OCTOBER 2022	Paid by Check #39084		11/09/2022	11/18/2022	11/18/2022		11/18/2022	972.00
DINHMP1 10-22	GENERAL ADMIN OCTOBER 2022	Paid by Check #39084		11/09/2022	11/18/2022	11/18/2022		11/18/2022	250.00
		Vendor 46 - Self Help Enterprises Totals				Invoices	3		\$1,690.75
Vendor 1691 - Silver & Wright LLP									
30521	740 Harvard - Services for October 2022	Paid by Check #39085		11/01/2022	11/18/2022	11/18/2022		11/18/2022	560.70
		Vendor 1691 - Silver & Wright LLP Totals				Invoices	1		\$560.70
Vendor 1396 - Social Vocational Services, Inc.									
40J2204-IN	Fy 22/23-Grounds Maint for Oct, 2022	Paid by Check #39086		10/31/2022	11/18/2022	11/18/2022	11/09/2022	11/18/2022	1,632.36
		Vendor 1396 - Social Vocational Services, Inc. Totals				Invoices	1		\$1,632.36
Vendor 758 - Solenis LLC									
75732869	CREDIT MEMO	Paid by Check #39087		09/09/2022	11/18/2022	11/18/2022		11/18/2022	(9,553.55)
75733469	CREDIT MEMO	Paid by Check #39087		09/22/2022	11/18/2022	11/18/2022		11/18/2022	(968.56)
132151521	SOLENIS - POLYMER FOR WWTP	Paid by Check #39087		10/05/2022	11/18/2022	11/18/2022		11/18/2022	11,379.33
		Vendor 758 - Solenis LLC Totals				Invoices	3		\$857.22



Accounts Payable Invoice Report

Payment Date Range 11/11/22 - 11/18/22
Report By Vendor - Invoice
Summary Listing

Invoice Number	Invoice Description	Status	Held Reason	Invoice Date	Due Date	G/L Date	Received Date	Payment Date	Invoice Net Amount
Vendor 431 - Sparkletts									
5080520 111022	PD - Water Cooler Service	Paid by Check #39088		11/10/2022	11/18/2022	11/18/2022		11/18/2022	180.24
			Vendor 431 - Sparkletts Totals			Invoices	1		<u>\$180.24</u>
Vendor 835 - Spence Fence Company Enterprise									
20771	FENCING AT WWTP	Paid by Check #39089		11/07/2022	11/18/2022	11/18/2022		11/18/2022	1,400.00
			Vendor 835 - Spence Fence Company Enterprise Totals			Invoices	1		<u>\$1,400.00</u>
Vendor 1081 - Statewide Traffic Safety and Signs Inc.									
04010185	WATER DEPT SUPPLIES	Paid by Check #39090		11/01/2022	11/18/2022	11/18/2022		11/18/2022	216.60
			Vendor 1081 - Statewide Traffic Safety and Signs Inc. Totals			Invoices	1		<u>\$216.60</u>
Vendor 1073 - Stryker Sales Coporation									
3942983M	Battery Replacement	Paid by Check #39091		11/02/2022	11/18/2022	11/18/2022		11/18/2022	1,582.58
			Vendor 1073 - Stryker Sales Coporation Totals			Invoices	1		<u>\$1,582.58</u>
Vendor 1442 - Superior Pool Products, LLC									
Q2020205	CHLORINE FOR WWTP	Paid by Check #39092		08/17/2022	11/18/2022	11/18/2022		11/18/2022	324.43
Q2020314	SODA ASH LITE FOR WWTP	Paid by Check #39092		08/22/2022	11/18/2022	11/18/2022		11/18/2022	1,270.60
Q2021109	DRUM DEPOSIT REFUND	Paid by Check #39092		10/13/2022	11/18/2022	11/18/2022		11/18/2022	(75.00)
			Vendor 1442 - Superior Pool Products, LLC Totals			Invoices	3		<u>\$1,520.03</u>
Vendor 189 - Terminix International									
426499974	405 E El Monte Way	Paid by Check #39093		10/06/2022	11/18/2022	11/18/2022		11/18/2022	66.00
329961 2023	405 E El Monte Way	Paid by Check #39093		11/14/2022	11/18/2022	11/18/2022		11/18/2022	656.00
426518869	Fy 22/23-CS-PEst control for rec office	Paid by Check #39093		10/20/2022	11/18/2022	11/18/2022	11/09/2022	11/18/2022	79.00
			Vendor 189 - Terminix International Totals			Invoices	3		<u>\$801.00</u>
Vendor 1564 - The Home Depot Pro									
713282903	HAND SOAP	Paid by Check #39094		10/20/2022	11/18/2022	11/18/2022		11/18/2022	114.75
			Vendor 1564 - The Home Depot Pro Totals			Invoices	1		<u>\$114.75</u>
Vendor 311 - Top Dog Training Center									
1622	PD - K9 Maintenance Training / Enzo & Zeus	Paid by Check #39095		11/11/2022	11/18/2022	11/18/2022		11/18/2022	180.00
			Vendor 311 - Top Dog Training Center Totals			Invoices	1		<u>\$180.00</u>
Vendor 1633 - Toyota Industries Commercial Finance, Inc.									
4003640478	POLARIS LEASE PAYMENT	Paid by Check #39096		10/27/2022	11/18/2022	11/18/2022		11/18/2022	490.24
			Vendor 1633 - Toyota Industries Commercial Finance, Inc. Totals			Invoices	1		<u>\$490.24</u>
Vendor 902 - Tractor Supply Credit Plan									
0027 10/30/2022	PD	Paid by Check #39097		10/30/2022	11/18/2022	11/18/2022		11/18/2022	578.67
			Vendor 902 - Tractor Supply Credit Plan Totals			Invoices	1		<u>\$578.67</u>



Accounts Payable Invoice Report

Payment Date Range 11/11/22 - 11/18/22
Report By Vendor - Invoice
Summary Listing

Invoice Number	Invoice Description	Status	Held Reason	Invoice Date	Due Date	G/L Date	Received Date	Payment Date	Invoice Net Amount
Vendor 561 - America Trevino									
11/15/2022	REIMB ANTHEM 11/01/22-11/30/22	Paid by Check #39098		11/15/2022	11/18/2022	11/18/2022		11/18/2022	201.38
Vendor 561 - America Trevino Totals						Invoices	1		<u>\$201.38</u>
Vendor 1352 - Trizetto Provider Solutions, LLC									
3U25112200	SERVICE MONTH NOVEMBER 2022	Paid by Check #39099		11/01/2022	11/18/2022	11/18/2022		11/18/2022	212.72
Vendor 1352 - Trizetto Provider Solutions, LLC Totals						Invoices	1		<u>\$212.72</u>
Vendor 49 - Tulare County									
2023	Ambulance License	Paid by Check #39100		10/04/2022	11/18/2022	11/18/2022		11/18/2022	204.00
Vendor 49 - Tulare County Totals						Invoices	1		<u>\$204.00</u>
Vendor 296 - Tulare Kings Veterinary Emergency									
183753	PD - Veterinary Fees	Paid by Check #39101		11/14/2022	11/18/2022	11/18/2022		11/18/2022	132.60
Vendor 296 - Tulare Kings Veterinary Emergency Totals						Invoices	1		<u>\$132.60</u>
Vendor 273 - US Bank									
485712111	ACCT# 530029 - PW COPIER CHARGES	Paid by Check #39102		10/27/2022	11/18/2022	11/18/2022		11/18/2022	806.46
Vendor 273 - US Bank Totals						Invoices	1		<u>\$806.46</u>
Vendor 154 - USA Bluebook									
144265	WATER DEPT SUPPLIES	Paid by Check #39103		10/14/2022	11/18/2022	11/18/2022		11/18/2022	301.56
146967	WATER DEPT SUPPLIES	Paid by Check #39103		10/18/2022	11/18/2022	11/18/2022		11/18/2022	414.08
167311	WATER DEPT SUPPLIES	Paid by Check #39103		11/04/2022	11/18/2022	11/18/2022		11/18/2022	1,098.66
167590	WWTP SUPPLIES	Paid by Check #39103		11/04/2022	11/18/2022	11/18/2022		11/18/2022	439.06
170472	WATER DEPT SUPPLIES	Paid by Check #39103		11/08/2022	11/18/2022	11/18/2022		11/18/2022	207.04
Vendor 154 - USA Bluebook Totals						Invoices	5		<u>\$2,460.40</u>
Vendor 359 - Valero Marketing & Supply Company									
84947402	PD - 10/07/2022 - 11/06/2022 Fuel Charges	Paid by EFT #2197		11/06/2022	11/18/2022	11/18/2022		11/18/2022	13,576.99
84941764	PW Fuel for October 2022	Paid by EFT #2201		11/06/2022	11/18/2022	11/18/2022		11/18/2022	11,168.05
Vendor 359 - Valero Marketing & Supply Company Totals						Invoices	2		<u>\$24,745.04</u>
Vendor 201 - Valley Farm Services, Inc.									
26225	REPAIR PART(S) FOR E 32	Paid by Check #39104		10/17/2022	11/18/2022	11/18/2022		11/18/2022	132.00
Vendor 201 - Valley Farm Services, Inc. Totals						Invoices	1		<u>\$132.00</u>
Vendor 403 - Visalia Times-Delta									
TD0054706 11/22	PD - November 2022 Service	Paid by Check #39105		11/01/2022	11/18/2022	11/18/2022		11/18/2022	30.00
Vendor 403 - Visalia Times-Delta Totals						Invoices	1		<u>\$30.00</u>



Accounts Payable Invoice Report

Payment Date Range 11/11/22 - 11/18/22
Report By Vendor - Invoice
Summary Listing

Invoice Number	Invoice Description	Status	Held Reason	Invoice Date	Due Date	G/L Date	Received Date	Payment Date	Invoice Net Amount
Vendor 820 - Vulcan Materials Company									
73438860	BASE ROCK, AGGREGATE AND ASPHALT	Paid by Check #39106		10/12/2022	11/18/2022	11/18/2022		11/18/2022	1,090.40
73438861	BASE ROCK, AGGREGATE AND ASPHALT	Paid by Check #39106		10/12/2022	11/18/2022	11/18/2022		11/18/2022	1,031.26
Vendor 820 - Vulcan Materials Company Totals							Invoices	2	\$2,121.66
Vendor 14 - W & E Electric									
2210018	WASTE WATER VFD SERVICE	Paid by Check #39107		10/10/2022	11/18/2022	11/18/2022		11/18/2022	100.00
2210019	WASTE WATER SERVICE	Paid by Check #39107		10/15/2022	11/18/2022	11/18/2022		11/18/2022	150.00
2210076	GENERATOR POWER OUTAGE LIFT PUMP SERVICE NEWTON & DAVIS	Paid by Check #39107		10/24/2022	11/18/2022	11/18/2022		11/18/2022	100.00
Vendor 14 - W & E Electric Totals							Invoices	3	\$350.00
Vendor 1280 - Willdan Engineering									
00336865	PLAN CHECK / INSPECTOR - 9/30/2022	Paid by Check #39108		10/21/2022	11/18/2022	11/18/2022		11/18/2022	1,340.00
Vendor 1280 - Willdan Engineering Totals							Invoices	1	\$1,340.00
Vendor 1382 - XiO, Inc.									
20122951	CLOUD SERVICES SCADA	Paid by Check #39109		11/01/2022	11/18/2022	11/18/2022		11/18/2022	476.00
Vendor 1382 - XiO, Inc. Totals							Invoices	1	\$476.00
Vendor Gary Blasingame									
Refund	refund double payment 09/14/22 & 10/19/22	Paid by Check #39110		11/09/2022	11/18/2022	11/18/2022		11/18/2022	65.00
Vendor Gary Blasingame Totals							Invoices	1	\$65.00
Vendor Julie Cabanas									
Refund fees	Fy 22/23-Parks-Canceled park rental on 11/19/22	Paid by Check #39111		11/14/2022	11/18/2022	11/18/2022	11/14/2022	11/18/2022	84.00
Vendor Julie Cabanas Totals							Invoices	1	\$84.00
Vendor Roger or Erma Radtke									
Refund	refund double payment 09/14/22 & 10/21/22	Paid by Check #39112		11/09/2022	11/18/2022	11/18/2022		11/18/2022	65.00
Vendor Roger or Erma Radtke Totals							Invoices	1	\$65.00
Grand Totals							Invoices	486	\$2,498,416.85



Accounts Payable Invoice Report

Payment Date Range 11/19/22 - 12/02/22
Report By Vendor - Invoice
Summary Listing

Invoice Number	Invoice Description	Status	Held Reason	Invoice Date	Due Date	G/L Date	Received Date	Payment Date	Invoice Net Amount
Vendor 385 - 4 Creeks, Inc.									
22443-26460	4 Creeks Dinuba Sewer CIP Projects	Paid by Check #39125		10/19/2022	11/29/2022	11/29/2022		11/29/2022	8,045.63
20366-26514	4 Creeks Kamm and Alta Roundabout Design	Paid by Check #39125		11/03/2022	11/29/2022	11/29/2022		11/29/2022	2,983.63
22313-26512	4 Creeks Alta/Nebraska Roundabout	Paid by Check #39125		11/03/2022	11/29/2022	11/29/2022		11/29/2022	10,810.80
22314-26524	4 Creeks Dinuba Commercial Development	Paid by Check #39125		11/03/2022	11/29/2022	11/29/2022		11/29/2022	1,592.50
22316-26508	4 Creeks Well 21	Paid by Check #39125		11/03/2022	11/29/2022	11/29/2022		11/29/2022	1,722.50
22318-26510	4 Creeks WWTP Clarifier	Paid by Check #39125		11/03/2022	11/29/2022	11/29/2022		11/29/2022	13,608.75
22351-26518	4 Creeks Dinuba CIP Projects	Paid by Check #39125		11/03/2022	11/29/2022	11/29/2022		11/29/2022	14,968.75
22352-26517	4 Creeks Subdivision Development	Paid by Check #39125		11/03/2022	11/29/2022	11/29/2022		11/29/2022	25,944.75
22355-26509	4 Creeks Building Official	Paid by Check #39125		11/03/2022	11/29/2022	11/29/2022		11/29/2022	8,515.00
22356-26511	4 Creeks 22/23 Encroachment Permits	Paid by Check #39125		11/03/2022	11/29/2022	11/29/2022		11/29/2022	3,750.15
22357-26516	4 Creeks Gen Eng Serv	Paid by Check #39125		11/03/2022	11/29/2022	11/29/2022		11/29/2022	20,768.64
22389-26513	4 Creeks Entertainment Plaza Restrooms	Paid by Check #39125		11/03/2022	11/29/2022	11/29/2022		11/29/2022	857.50
22443-26507	4 Creeks Sewer CIP	Paid by Check #39125		11/03/2022	11/29/2022	11/29/2022		11/29/2022	10,608.75
22489-26523	4 Creeks Dinuba High School Const Oversight	Paid by Check #39125		11/03/2022	11/29/2022	11/29/2022		11/29/2022	210.00
22490-26506	4 Creeks Euclid Water Main	Paid by Check #39125		11/03/2022	11/29/2022	11/29/2022		11/29/2022	439.38
22491-26505	4 Creeks Dinuba Fire Dept. Training Facility Site Imp	Paid by Check #39125		11/03/2022	11/29/2022	11/29/2022		11/29/2022	261.25
22493-26504	4 Creeks KC Vista Basketball Courts	Paid by Check #39125		11/03/2022	11/29/2022	11/29/2022		11/29/2022	275.00
22495-26503	4 Creeks Crawford and Nebraska Ave Intersection Imp	Paid by Check #39125		11/03/2022	11/29/2022	11/29/2022		11/29/2022	70.00
22496-26502	4 Creeks 22-23 Street Reconstruction	Paid by Check #39125		11/03/2022	11/29/2022	11/29/2022		11/29/2022	70.00
22320-26560	4 Creeks	Paid by Check #39125		11/04/2022	11/29/2022	11/29/2022		11/29/2022	4,192.50
22335-26611	4 Creeks Kamm Alta Study	Paid by Check #39125		11/08/2022	11/29/2022	11/29/2022		11/29/2022	3,804.60
22421-26596	4 Creeks Kamm and Alta Roundabout Project	Paid by Check #39125		11/08/2022	11/29/2022	11/29/2022		11/29/2022	1,829.93
22358-26515	4 Creeks El monte sewer main Impr	Paid by Check #39125		11/09/2022	11/29/2022	11/29/2022		11/29/2022	3,860.00
22368-26726	4 Creeks Road 74 Street Imp	Paid by Check #39125		11/17/2022	11/29/2022	11/29/2022		11/29/2022	26,792.25
Vendor 385 - 4 Creeks, Inc. Totals						Invoices	24		\$165,982.26
Vendor 367 - A-1 Auto Electric									
133951	BUS 3	Paid by Check #39126		11/17/2022	12/02/2022	12/02/2022		12/02/2022	127.18
Vendor 367 - A-1 Auto Electric Totals						Invoices	1		\$127.18
Vendor 1143 - AAA Quality Services, Inc.									



Accounts Payable Invoice Report

Payment Date Range 11/19/22 - 12/02/22
Report By Vendor - Invoice
Summary Listing

Invoice Number	Invoice Description	Status	Held Reason	Invoice Date	Due Date	G/L Date	Received Date	Payment Date	Invoice Net Amount
00330937	Fy 22/23-Parks-Portable potty rentals/clngs for Centennial park	Paid by Check #39127		11/19/2022	12/02/2022	12/02/2022	11/21/2022	12/02/2022	258.13
00330938	Fy 22/23-Parks-Portable potty rentals/clngs for Nebraska park	Paid by Check #39127		11/19/2022	12/02/2022	12/02/2022	11/21/2022	12/02/2022	280.13
		Vendor 1143 - AAA Quality Services, Inc. Totals				Invoices	2		\$538.26
Vendor 479 - Able Industries									
102249	WEED REMOVAL/PLANT CLEAN UP - OCTOBER 2022	Paid by Check #39128		10/31/2022	12/02/2022	12/02/2022		12/02/2022	1,680.00
		Vendor 479 - Able Industries Totals				Invoices	1		\$1,680.00
Vendor 263 - Advantek Benefit Administrators									
11/18/2022	11/18/2022	Paid by Check #39129		11/18/2022	12/02/2022	12/02/2022		12/02/2022	102,213.68
		Vendor 263 - Advantek Benefit Administrators Totals				Invoices	1		\$102,213.68
Vendor 1222 - Jose Aguayo Cruz									
Safety 2022	Safety 2022	Paid by Check #39299		11/30/2022	12/02/2022	12/02/2022		12/02/2022	330.00
		Vendor 1222 - Jose Aguayo Cruz Totals				Invoices	1		\$330.00
Vendor 1781 - Jacob Aguilar									
Safety 2022	Safety 2022	Paid by Check #39300		11/30/2022	12/02/2022	12/02/2022		12/02/2022	300.00
		Vendor 1781 - Jacob Aguilar Totals				Invoices	1		\$300.00
Vendor 555 - Maria Alaniz									
Safety 2022	Safety 2022	Paid by Check #39301		11/30/2022	12/02/2022	12/02/2022		12/02/2022	275.00
		Vendor 555 - Maria Alaniz Totals				Invoices	1		\$275.00
Vendor 697 - Alejandro Aldaz									
Safety 2022	Safety 2022	Paid by Check #39302		11/30/2022	12/02/2022	12/02/2022		12/02/2022	10.00
		Vendor 697 - Alejandro Aldaz Totals				Invoices	1		\$10.00
Vendor 620 - Lizet Aldaz									
Safety 2022	Safety 2022	Paid by Check #39303		11/30/2022	12/02/2022	12/02/2022		12/02/2022	330.00
		Vendor 620 - Lizet Aldaz Totals				Invoices	1		\$330.00
Vendor 185 - Alldata LLC.									
101345114 122822	SOFTWARE FOR FLEET SHOP 12/28/22-12/27/23	Paid by Check #39130		11/28/2022	12/02/2022	12/02/2022		12/02/2022	1,500.00
		Vendor 185 - Alldata LLC. Totals				Invoices	1		\$1,500.00
Vendor 47 - Alta Irrigation District									
012-220-028 2022	Utilities 2022	Paid by Check #39131		11/01/2022	12/02/2022	12/02/2022		12/02/2022	171.24
012-230-049 2022	Utilities 2022	Paid by Check #39131		11/01/2022	12/02/2022	12/02/2022		12/02/2022	48.53
012-230-056 2022	Utilities 2022	Paid by Check #39131		11/01/2022	12/02/2022	12/02/2022		12/02/2022	2,503.24
012-240-045 2022	Utilities 2022	Paid by Check #39131		11/01/2022	12/02/2022	12/02/2022		12/02/2022	1,789.14



Accounts Payable Invoice Report

Payment Date Range 11/19/22 - 12/02/22
Report By Vendor - Invoice
Summary Listing

Invoice Number	Invoice Description	Status	Held Reason	Invoice Date	Due Date	G/L Date	Received Date	Payment Date	Invoice Net Amount
012-290-049 2022	Utilities 2022	Paid by Check #39131		11/01/2022	12/02/2022	12/02/2022		12/02/2022	660.68
012-300-010 2022	Utilities 2022	Paid by Check #39131		11/01/2022	12/02/2022	12/02/2022		12/02/2022	389.18
012-300-017 2022	Utilities 2022	Paid by Check #39131		11/01/2022	12/02/2022	12/02/2022		12/02/2022	1,617.93
012-300-024 2022	Utilities 2022	Paid by Check #39131		11/01/2022	12/02/2022	12/02/2022		12/02/2022	992.66
012-410-074 2022	Utilities 2022	Paid by Check #39131		11/01/2022	12/02/2022	12/02/2022		12/02/2022	8.51
012-440-012 2022	Utilities 2022	Paid by Check #39131		11/01/2022	12/02/2022	12/02/2022		12/02/2022	6.25
013-040-003 2022	Utilities 2022	Paid by Check #39131		11/01/2022	12/02/2022	12/02/2022		12/02/2022	6.25
013-050-061 2022	Utilities 2022	Paid by Check #39131		11/01/2022	12/02/2022	12/02/2022		12/02/2022	51.89
013-180-060 2022	Utilities 2022	Paid by Check #39131		11/01/2022	12/02/2022	12/02/2022		12/02/2022	18.75
014-033-034 2022	Utilities 2022	Paid by Check #39131		11/01/2022	12/02/2022	12/02/2022		12/02/2022	6.25
014-134-012 2022	Utilities 2022	Paid by Check #39131		11/01/2022	12/02/2022	12/02/2022		12/02/2022	12.88
014-164-009 2022	Utilities 2022	Paid by Check #39131		11/01/2022	12/02/2022	12/02/2022		12/02/2022	6.25
014-171-001 2022	Utilities 2022	Paid by Check #39131		11/01/2022	12/02/2022	12/02/2022		12/02/2022	6.25
014-171-002 2022	Utilities 2022	Paid by Check #39131		11/01/2022	12/02/2022	12/02/2022		12/02/2022	6.25
014-171-006 2022	Utilities 2022	Paid by Check #39131		11/01/2022	12/02/2022	12/02/2022		12/02/2022	6.25
014-171-008 2022	Utilities 2022	Paid by Check #39131		11/01/2022	12/02/2022	12/02/2022		12/02/2022	6.25
014-171-012 2022	Utilities 2022	Paid by Check #39131		11/01/2022	12/02/2022	12/02/2022		12/02/2022	6.25
014-460-052 2022	Utilities 2022	Paid by Check #39131		11/01/2022	12/02/2022	12/02/2022		12/02/2022	12.77
014-590-001 2022	Utilities 2022	Paid by Check #39131		11/01/2022	12/02/2022	12/02/2022		12/02/2022	6.79
014-590-002 2022	Utilities 2022	Paid by Check #39131		11/01/2022	12/02/2022	12/02/2022		12/02/2022	44.51
017-020-001 2022	Utilities 2022	Paid by Check #39131		11/01/2022	12/02/2022	12/02/2022		12/02/2022	1,037.80
017-020-016 2022	Utilities 2022	Paid by Check #39131		11/01/2022	12/02/2022	12/02/2022		12/02/2022	1,037.80
017-020-017 2022	Utilities 2022	Paid by Check #39131		11/01/2022	12/02/2022	12/02/2022		12/02/2022	1,037.80
017-020-029 2022	Utilities 2022	Paid by Check #39131		11/01/2022	12/02/2022	12/02/2022		12/02/2022	6.25
017-020-041 2022	Utilities 2022	Paid by Check #39131		11/01/2022	12/02/2022	12/02/2022		12/02/2022	1,021.71
017-020-042 2022	Utilities 2022	Paid by Check #39131		11/01/2022	12/02/2022	12/02/2022		12/02/2022	472.20
017-020-047 2022	Utilities 2022	Paid by Check #39131		11/01/2022	12/02/2022	12/02/2022		12/02/2022	490.88
017-020-049 2022	Utilities 2022	Paid by Check #39131		11/01/2022	12/02/2022	12/02/2022		12/02/2022	162.42
017-020-050 2022	Utilities 2022	Paid by Check #39131		11/01/2022	12/02/2022	12/02/2022		12/02/2022	1,160.78
017-020-051 2022	Utilities 2022	Paid by Check #39131		11/01/2022	12/02/2022	12/02/2022		12/02/2022	442.62
017-020-052 2022	Utilities 2022	Paid by Check #39131		11/01/2022	12/02/2022	12/02/2022		12/02/2022	370.49
017-020-053 2022	Utilities 2022	Paid by Check #39131		11/01/2022	12/02/2022	12/02/2022		12/02/2022	399.55
017-020-054 2022	Utilities 2022	Paid by Check #39131		11/01/2022	12/02/2022	12/02/2022		12/02/2022	389.69
017-020-055 2022	Utilities 2022	Paid by Check #39131		11/01/2022	12/02/2022	12/02/2022		12/02/2022	1,158.70
017-020-056 2022	Utilities 2022	Paid by Check #39131		11/01/2022	12/02/2022	12/02/2022		12/02/2022	300.96
017-020-057 2022	Utilities 2022	Paid by Check #39131		11/01/2022	12/02/2022	12/02/2022		12/02/2022	680.80
017-030-027 2022	Utilities 2022	Paid by Check #39131		11/01/2022	12/02/2022	12/02/2022		12/02/2022	104.65
017-030-042 2022	Utilities 2022	Paid by Check #39131		11/01/2022	12/02/2022	12/02/2022		12/02/2022	56.93
017-030-043 2022	Utilities 2022	Paid by Check #39131		11/01/2022	12/02/2022	12/02/2022		12/02/2022	115.00
017-121-004 2022	Utilities 2022	Paid by Check #39131		11/01/2022	12/02/2022	12/02/2022		12/02/2022	6.25
017-121-018 2022	Utilities 2022	Paid by Check #39131		11/01/2022	12/02/2022	12/02/2022		12/02/2022	6.25
017-121-023 2022	Utilities 2022	Paid by Check #39131		11/01/2022	12/02/2022	12/02/2022		12/02/2022	6.25



Accounts Payable Invoice Report

Payment Date Range 11/19/22 - 12/02/22

Report By Vendor - Invoice

Summary Listing

Invoice Number	Invoice Description	Status	Held Reason	Invoice Date	Due Date	G/L Date	Received Date	Payment Date	Invoice Net Amount
017-122-011 2022	Utilities 2022	Paid by Check #39131		11/01/2022	12/02/2022	12/02/2022		12/02/2022	6.25
017-123-028 2022	Utilities 2022	Paid by Check #39131		11/01/2022	12/02/2022	12/02/2022		12/02/2022	6.25
017-141-003 2022	Utilities 2022	Paid by Check #39131		11/01/2022	12/02/2022	12/02/2022		12/02/2022	6.25
017-141-007 2022	Utilities 2022	Paid by Check #39131		11/01/2022	12/02/2022	12/02/2022		12/02/2022	6.25
017-141-014 2022	Utilities 2022	Paid by Check #39131		11/01/2022	12/02/2022	12/02/2022		12/02/2022	6.25
017-144-003 2022	Utilities 2022	Paid by Check #39131		11/01/2022	12/02/2022	12/02/2022		12/02/2022	6.25
017-144-004 2022	Utilities 2022	Paid by Check #39131		11/01/2022	12/02/2022	12/02/2022		12/02/2022	6.25
017-144-005 2022	Utilities 2022	Paid by Check #39131		11/01/2022	12/02/2022	12/02/2022		12/02/2022	6.25
017-144-009 2022	Utilities 2022	Paid by Check #39131		11/01/2022	12/02/2022	12/02/2022		12/02/2022	6.25
017-144-012 2022	Utilities 2022	Paid by Check #39131		11/01/2022	12/02/2022	12/02/2022		12/02/2022	6.25
017-144-013 2022	Utilities 2022	Paid by Check #39131		11/01/2022	12/02/2022	12/02/2022		12/02/2022	6.25
017-144-014 2022	Utilities 2022	Paid by Check #39131		11/01/2022	12/02/2022	12/02/2022		12/02/2022	6.25
017-202-014 2022	Utilities 2022	Paid by Check #39131		11/01/2022	12/02/2022	12/02/2022		12/02/2022	6.25
017-202-015 2022	Utilities 2022	Paid by Check #39131		11/01/2022	12/02/2022	12/02/2022		12/02/2022	6.25
017-202-016 2022	Utilities 2022	Paid by Check #39131		11/01/2022	12/02/2022	12/02/2022		12/02/2022	6.25
017-202-019 2022	Utilities 2022	Paid by Check #39131		11/01/2022	12/02/2022	12/02/2022		12/02/2022	17.02
017-202-020 2022	Utilities 2022	Paid by Check #39131		11/01/2022	12/02/2022	12/02/2022		12/02/2022	19.67
017-203-014 2022	Utilities 2022	Paid by Check #39131		11/01/2022	12/02/2022	12/02/2022		12/02/2022	6.25
017-210-016 2022	Utilities 2022	Paid by Check #39131		11/01/2022	12/02/2022	12/02/2022		12/02/2022	6.25
017-273-001 2022	Utilities 2022	Paid by Check #39131		11/01/2022	12/02/2022	12/02/2022		12/02/2022	518.90
017-280-002 2022	Utilities 2022	Paid by Check #39131		11/01/2022	12/02/2022	12/02/2022		12/02/2022	134.09
017-280-020 2022	Utilities 2022	Paid by Check #39131		11/01/2022	12/02/2022	12/02/2022		12/02/2022	102.70
017-290-015 2022	Utilities 2022	Paid by Check #39131		11/01/2022	12/02/2022	12/02/2022		12/02/2022	55.20
017-300-024 2022	Utilities 2022	Paid by Check #39131		11/01/2022	12/02/2022	12/02/2022		12/02/2022	8.51
017-300-025 2022	Utilities 2022	Paid by Check #39131		11/01/2022	12/02/2022	12/02/2022		12/02/2022	6.25
017-320-001 2022	Utilities 2022	Paid by Check #39131		11/01/2022	12/02/2022	12/02/2022		12/02/2022	488.28
017-320-003 2022	Utilities 2022	Paid by Check #39131		11/01/2022	12/02/2022	12/02/2022		12/02/2022	421.35
018-014-001 2022	Utilities 2022	Paid by Check #39131		11/01/2022	12/02/2022	12/02/2022		12/02/2022	6.25
018-042-001 2022	Utilities 2022	Paid by Check #39131		11/01/2022	12/02/2022	12/02/2022		12/02/2022	6.25
018-042-002 2022	Utilities 2022	Paid by Check #39131		11/01/2022	12/02/2022	12/02/2022		12/02/2022	6.25
018-042-004 2022	Utilities 2022	Paid by Check #39131		11/01/2022	12/02/2022	12/02/2022		12/02/2022	6.25
018-042-005 2022	Utilities 2022	Paid by Check #39131		11/01/2022	12/02/2022	12/02/2022		12/02/2022	6.25
018-042-006 2022	Utilities 2022	Paid by Check #39131		11/01/2022	12/02/2022	12/02/2022		12/02/2022	6.25
018-180-038 2022	Utilities 2022	Paid by Check #39131		11/01/2022	12/02/2022	12/02/2022		12/02/2022	920.53
018-180-039 2022	Utilities 2022	Paid by Check #39131		11/01/2022	12/02/2022	12/02/2022		12/02/2022	72.65
018-210-055 2022	Utilities 2022	Paid by Check #39131		11/01/2022	12/02/2022	12/02/2022		12/02/2022	22.54
018-220-089 2022	Utilities 2022	Paid by Check #39131		11/01/2022	12/02/2022	12/02/2022		12/02/2022	64.86
018-230-067 2022	Utilities 2022	Paid by Check #39131		11/01/2022	12/02/2022	12/02/2022		12/02/2022	24.73
030-120-056 2022	Utilities 2022	Paid by Check #39131		11/01/2022	12/02/2022	12/02/2022		12/02/2022	467.01
030-250-012 2022	Utilities 2022	Paid by Check #39131		11/01/2022	12/02/2022	12/02/2022		12/02/2022	6.25
030-250-013 2022	Utilities 2022	Paid by Check #39131		11/01/2022	12/02/2022	12/02/2022		12/02/2022	6.25
030-250-014 2022	Utilities 2022	Paid by Check #39131		11/01/2022	12/02/2022	12/02/2022		12/02/2022	6.25



Accounts Payable Invoice Report

Payment Date Range 11/19/22 - 12/02/22
Report By Vendor - Invoice
Summary Listing

Invoice Number	Invoice Description	Status	Held Reason	Invoice Date	Due Date	G/L Date	Received Date	Payment Date	Invoice Net Amount
030-250-015 2022	Utilities 2022	Paid by Check #39131		11/01/2022	12/02/2022	12/02/2022		12/02/2022	6.25
030-250-016 2022	Utilities 2022	Paid by Check #39131		11/01/2022	12/02/2022	12/02/2022		12/02/2022	6.25
030-250-017 2022	Utilities 2022	Paid by Check #39131		11/01/2022	12/02/2022	12/02/2022		12/02/2022	6.25
030-250-018 2022	Utilities 2022	Paid by Check #39131		11/01/2022	12/02/2022	12/02/2022		12/02/2022	6.25
Vendor 47 - Alta Irrigation District Totals							Invoices	92	\$22,382.52
Vendor 1874 - Alvarez, Karla									
Safety 2022	Safety 2022	Paid by Check #39304		11/30/2022	12/02/2022	12/02/2022		12/02/2022	235.00
Vendor 1874 - Alvarez, Karla Totals							Invoices	1	\$235.00
Vendor 119 - American Backflow Specialties									
INV61112	BACKFLOW SUPPLIES	Paid by Check #39132		11/16/2022	12/02/2022	12/02/2022		12/02/2022	893.34
Vendor 119 - American Backflow Specialties Totals							Invoices	1	\$893.34
Vendor 351 - Anthem Blue Cross									
000258448700	ROBERTS 102A78783 12/01/22-12/31/22	Paid by Check #39133		11/05/2022	12/02/2022	12/02/2022		12/02/2022	92.00
000258452861	HARMAN 532W04713 12/01/22-12/31/22	Paid by Check #39139		11/05/2022	12/02/2022	12/02/2022		12/02/2022	92.00
000258490739	RAMIREZ 010W01865 12/01/22-12/31/22	Paid by Check #39141		11/05/2022	12/02/2022	12/02/2022		12/02/2022	92.00
000258508567	SANO 060M86753 12/01/22-12/31/22	Paid by Check #39135		11/05/2022	12/02/2022	12/02/2022		12/02/2022	65.20
000259399260	MEDDERS 936A79191 12/01/22-02/28/23	Paid by Check #39138		11/07/2022	12/02/2022	12/02/2022		12/02/2022	832.71
000259459862	SANO 097M84206 12/01/22-02/28/23	Paid by Check #39136		11/07/2022	12/02/2022	12/02/2022		12/02/2022	897.06
000259475227	ROBERTS 210A78781 12/01/22-02/28/23	Paid by Check #39134		11/07/2022	12/02/2022	12/02/2022		12/02/2022	832.71
000259489904	RAMIREZ 992W01856 12/01/22-12/31/22	Paid by Check #39140		11/07/2022	12/02/2022	12/02/2022		12/02/2022	185.82
000259496259	HARMAN 862W04709 12/01/22-02/28/23	Paid by Check #39137		11/07/2022	12/02/2022	12/02/2022		12/02/2022	425.73
Vendor 351 - Anthem Blue Cross Totals							Invoices	9	\$3,515.23
Vendor 21 - Aramark Uniform Services Inc.									
5031088110	Fy 22/23-Parks-Uniforms for the week of 11/16/22	Paid by Check #39142		11/16/2022	12/02/2022	12/02/2022	11/16/2022	12/02/2022	50.88
5031092050	Fy 22/23-Parks-Uniforms for the week of 11/23/22	Paid by Check #39142		11/23/2022	12/02/2022	12/02/2022	11/23/2022	12/02/2022	50.88
Vendor 21 - Aramark Uniform Services Inc. Totals							Invoices	2	\$101.76
Vendor 1032 - Calixto Arias									
Safety 2022	Safety 2022	Paid by Check #39305		11/30/2022	12/02/2022	12/02/2022		12/02/2022	310.00
Vendor 1032 - Calixto Arias Totals							Invoices	1	\$310.00



Accounts Payable Invoice Report

Payment Date Range 11/19/22 - 12/02/22
Report By Vendor - Invoice
Summary Listing

Invoice Number	Invoice Description	Status	Held Reason	Invoice Date	Due Date	G/L Date	Received Date	Payment Date	Invoice Net Amount
Vendor 1875 - Arroyo, Alexis									
Safety 2022	Safety 2022	Paid by Check #39306		11/30/2022	12/02/2022	12/02/2022		12/02/2022	350.00
Vendor 1875 - Arroyo, Alexis Totals							Invoices	1	\$350.00
Vendor 17 - AT&T									
9391054470 11/22	11/10/2022	Paid by Check #39148		11/11/2022	12/02/2022	12/02/2022		12/02/2022	23.34
9391054471 11/22	11/10/2022	Paid by Check #39149		11/11/2022	12/02/2022	12/02/2022		12/02/2022	23.34
9391054479 11/22	11/10/2022	Paid by Check #39150		11/11/2022	12/02/2022	12/02/2022		12/02/2022	23.34
9391054742 11/22	11/10/2022	Paid by Check #39147		11/11/2022	12/02/2022	12/02/2022		12/02/2022	112.54
939105447511/22	CS - Telephone 10/10/22-11/09/22	Paid by Check #39144		11/10/2022	12/02/2022	12/02/2022		12/02/2022	23.39
939106901211/22	Sportsplex - Telephone 10/10/22-11/09/22	Paid by Check #39146		11/10/2022	12/02/2022	12/02/2022		12/02/2022	65.56
939105446211/22	DSC - Telephone 10/11 - 11/10/22	Paid by Check #39143		11/11/2022	12/02/2022	12/02/2022		12/02/2022	42.35
939105474411/22	CS - Telephone 10/11/22-11/10/22	Paid by Check #39145		11/11/2022	12/02/2022	12/02/2022		12/02/2022	364.16
939103727711/22	PW - telephone 10/10/22-11/09/22	Paid by Check #39151		11/10/2022	12/02/2022	12/02/2022		12/02/2022	25.90
939105447211/22	PW - telephone 10/10/22-11/09/22	Paid by Check #39152		11/10/2022	12/02/2022	12/02/2022		12/02/2022	45.06
939105447411/22	PW - telephone 10/10/22-11/09/22	Paid by Check #39153		11/10/2022	12/02/2022	12/02/2022		12/02/2022	45.37
939105447711/22	PW - telephone 10/10/22-11/09/22	Paid by Check #39154		11/10/2022	12/02/2022	12/02/2022		12/02/2022	23.37
939105447811/22	PW - telephone 10/10/22-11/09/22	Paid by Check #39155		11/10/2022	12/02/2022	12/02/2022		12/02/2022	23.37
939105474111/22	PW - telephone 10/11/22-11/10/22	Paid by Check #39156		11/11/2022	12/02/2022	12/02/2022		12/02/2022	303.76
Vendor 17 - AT&T Totals							Invoices	14	\$1,144.85
Vendor 667 - George Avila									
Safety 2022	Safety 2022	Paid by Check #39307		11/30/2022	12/02/2022	12/02/2022		12/02/2022	310.00
Vendor 667 - George Avila Totals							Invoices	1	\$310.00
Vendor 623 - John Ayala									
Safety 2022	Safety 2022	Paid by Check #39308		11/30/2022	12/02/2022	12/02/2022		12/02/2022	235.00
Vendor 623 - John Ayala Totals							Invoices	1	\$235.00
Vendor 596 - Michael Banks									
Safety 2022	Safety 2022	Paid by Check #39309		11/30/2022	12/02/2022	12/02/2022		12/02/2022	20.00
Vendor 596 - Michael Banks Totals							Invoices	1	\$20.00
Vendor 668 - Steve Barron									
Safety 2022	Safety 2022	Paid by Check #39310		11/30/2022	12/02/2022	12/02/2022		12/02/2022	350.00



Accounts Payable Invoice Report

Payment Date Range 11/19/22 - 12/02/22
Report By Vendor - Invoice
Summary Listing

Invoice Number	Invoice Description	Status	Held Reason	Invoice Date	Due Date	G/L Date	Received Date	Payment Date	Invoice Net Amount
			Vendor 668 - Steve Barron Totals				Invoices	1	\$350.00
Vendor 1817 - Joanne Bear									
Safety 2022	Safety 2022	Paid by Check #39311		11/30/2022	12/02/2022	12/02/2022		12/02/2022	330.00
			Vendor 1817 - Joanne Bear Totals				Invoices	1	\$330.00
Vendor 1393 - Estevan Benavides									
110122 BENAVIDES	PC MEETING NOVEMBER 1, 2022	Paid by Check #39157		11/01/2022	12/02/2022	12/02/2022		12/02/2022	25.00
			Vendor 1393 - Estevan Benavides Totals				Invoices	1	\$25.00
Vendor 558 - Cecilia Bobst									
Safety 2022	Safety 2022	Paid by Check #39312		11/30/2022	12/02/2022	12/02/2022		12/02/2022	330.00
			Vendor 558 - Cecilia Bobst Totals				Invoices	1	\$330.00
Vendor 822 - Boundtree Medical LLC									
84759421	Supplies	Paid by Check #39158		11/14/2022	12/02/2022	12/02/2022		12/02/2022	12.30
			Vendor 822 - Boundtree Medical LLC Totals				Invoices	1	\$12.30
Vendor 116 - BSK Analytical Laboratories									
AF28454	WATER SAMPLE TESTING - WATER DEPT	Paid by Check #39159		11/15/2022	12/02/2022	12/02/2022		12/02/2022	176.00
AF30324	WATER SAMPLE TESTING - WATER DEPT	Paid by Check #39159		11/21/2022	12/02/2022	12/02/2022		12/02/2022	132.00
AF29331	WATER SAMPLE TESTING - WATER DEPT	Paid by Check #39159		11/23/2022	12/02/2022	12/02/2022		12/02/2022	198.00
			Vendor 116 - BSK Analytical Laboratories Totals				Invoices	3	\$506.00
Vendor 1602 - Jared Bueno									
Safety 2022	Safety 2022	Paid by Check #39313		11/30/2022	12/02/2022	12/02/2022		12/02/2022	105.00
			Vendor 1602 - Jared Bueno Totals				Invoices	1	\$105.00
Vendor 562 - Joe Bueno									
Safety 2022	Safety 2022	Paid by Check #39314		11/30/2022	12/02/2022	12/02/2022		12/02/2022	245.00
			Vendor 562 - Joe Bueno Totals				Invoices	1	\$245.00
Vendor 670 - Andy Cabrera									
Safety 2022	Safety 2022	Paid by Check #39315		11/30/2022	12/02/2022	12/02/2022		12/02/2022	10.00
			Vendor 670 - Andy Cabrera Totals				Invoices	1	\$10.00
Vendor 94 - California Public Employees Retirement									
11/06-11/19/22	Payroll 11/06/22-11/19/22	Paid by EFT #2209		11/23/2022	11/29/2022	11/29/2022		11/29/2022	87,629.95
2023-00000180	31 - 457 - Employee CalPERS \$*	Paid by EFT #2208		11/23/2022	11/29/2022	11/29/2022		11/29/2022	8,799.25
			Vendor 94 - California Public Employees Retirement Totals				Invoices	2	\$96,429.20
Vendor 1275 - California Turf Equipment									
570414	HEDGE TRIMMER FOR WWTP	Paid by Check #39160		11/23/2022	12/02/2022	12/02/2022		12/02/2022	389.69



Accounts Payable Invoice Report

Payment Date Range 11/19/22 - 12/02/22
Report By Vendor - Invoice
Summary Listing

Invoice Number	Invoice Description	Status	Held Reason	Invoice Date	Due Date	G/L Date	Received Date	Payment Date	Invoice Net Amount
Vendor 1275 - California Turf Equipment Totals				Invoices			1		\$389.69
Vendor 1876 - Cardenas, Cesar									
Safety 2022	Safety 2022	Paid by Check #39316		11/30/2022	12/02/2022	12/02/2022		12/02/2022	310.00
Vendor 1876 - Cardenas, Cesar Totals				Invoices			1		\$310.00
Vendor 563 - John Carrillo									
11/29/22	Anthem Reimb 11/01/2022-11/30/2022	Paid by Check #39161		11/29/2022	12/02/2022	12/02/2022		12/02/2022	203.38
Vendor 563 - John Carrillo Totals				Invoices			1		\$203.38
Vendor 1812 - Ruben Castaneda									
Safety 2022	Safety 2022	Paid by Check #39317		11/30/2022	12/02/2022	12/02/2022		12/02/2022	10.00
Vendor 1812 - Ruben Castaneda Totals				Invoices			1		\$10.00
Vendor 1201 - Alberto Cendejas II									
110122 CENDEJAS	PC MEETING NOVEMBER 1, 2022	Paid by Check #39162		11/01/2022	12/02/2022	12/02/2022		12/02/2022	25.00
Vendor 1201 - Alberto Cendejas II Totals				Invoices			1		\$25.00
Vendor 597 - Jason Chase									
Safety 2022	Safety 2022	Paid by Check #39318		11/30/2022	12/02/2022	12/02/2022		12/02/2022	180.00
Vendor 597 - Jason Chase Totals				Invoices			1		\$180.00
Vendor 598 - Greg Chastain									
Safety 2022	Safety 2022	Paid by Check #39319		11/30/2022	12/02/2022	12/02/2022		12/02/2022	330.00
Vendor 598 - Greg Chastain Totals				Invoices			1		\$330.00
Vendor 564 - Cynthia Cisneros									
Safety 2022	Safety 2022	Paid by Check #39320		11/30/2022	12/02/2022	12/02/2022		12/02/2022	330.00
Vendor 564 - Cynthia Cisneros Totals				Invoices			1		\$330.00
Vendor 170 - Comcast									
0148160 11/11/22	1390 E ELIZABETH WAY OFC 11/16/22-12/15/22	Paid by Check #39164		11/11/2022	12/02/2022	12/02/2022		12/02/2022	247.64
0148178 11/12/22	680 S ALTA AVE OFC 11/17/22-12/16/22	Paid by Check #39165		11/12/2022	12/02/2022	12/02/2022		12/02/2022	347.97
0191269 11/22/22	201 N URUAPAN WAY 11/27/22-12/26/22	Paid by Check #39163		11/22/2022	12/02/2022	12/02/2022		12/02/2022	302.21
Vendor 170 - Comcast Totals				Invoices			3		\$897.82
Vendor 731 - Community Services & Employment Training, Inc.									
SEFFS-DIDEL-05	CSET Delgado Park Sidewalk ATP Project	Paid by Check #39166		11/10/2022	12/02/2022	12/02/2022		12/02/2022	567.86
SEFFS-DIKCV-05	CSET KC Vista ATP Project	Paid by Check #39166		11/14/2022	12/02/2022	12/02/2022		12/02/2022	349.04
Vendor 731 - Community Services & Employment Training, Inc. Totals				Invoices			2		\$916.90



Accounts Payable Invoice Report

Payment Date Range 11/19/22 - 12/02/22

Report By Vendor - Invoice

Summary Listing

Invoice Number	Invoice Description	Status	Held Reason	Invoice Date	Due Date	G/L Date	Received Date	Payment Date	Invoice Net Amount
Vendor 910 - Timothy S. Conklin									
110122	CONKLIN PC MEETING NOVEMBER 1, 2022	Paid by Check #39167		11/01/2022	12/02/2022	12/02/2022		12/02/2022	25.00
		Vendor 910 - Timothy S. Conklin Totals				Invoices	1		\$25.00
Vendor 1795 - Crawford & Bowen Planning, Inc.									
712	Crawford & Bowen Planning - Castlerock	Paid by Check #39168		11/03/2002	12/02/2022	12/02/2022		12/02/2022	2,150.00
		Vendor 1795 - Crawford & Bowen Planning, Inc. Totals				Invoices	1		\$2,150.00
Vendor 1782 - Marleen Cruz									
Safety 2022	Safety 2022	Paid by Check #39321		11/30/2022	12/02/2022	12/02/2022		12/02/2022	330.00
		Vendor 1782 - Marleen Cruz Totals				Invoices	1		\$330.00
Vendor 1221 - Daniel Cruz Barragan									
Safety 2022	Safety 2022	Paid by Check #39322		11/30/2022	12/02/2022	12/02/2022		12/02/2022	330.00
		Vendor 1221 - Daniel Cruz Barragan Totals				Invoices	1		\$330.00
Vendor 3 - Culligan Water									
187473	PORTABLE EXCHANGE TANK - PW	Paid by Check #39169		10/31/2022	12/02/2022	12/02/2022		12/02/2022	79.00
187848	PORTABLE EXCHANGE TANK, 1 HIC SERVICE, DI RENTAL - WWTP	Paid by Check #39169		10/31/2022	12/02/2022	12/02/2022		12/02/2022	76.00
		Vendor 3 - Culligan Water Totals				Invoices	2		\$155.00
Vendor 1362 - Irwin Davalos									
Safety 2022	Safety 2022	Paid by Check #39323		11/30/2022	12/02/2022	12/02/2022		12/02/2022	10.00
		Vendor 1362 - Irwin Davalos Totals				Invoices	1		\$10.00
Vendor 1035 - De Lage Landen Public Finance									
78272515	Nov/Dec 2022	Paid by EFT #2207		11/20/2022	12/02/2022	12/02/2022		12/02/2022	372.19
		Vendor 1035 - De Lage Landen Public Finance Totals				Invoices	1		\$372.19
Vendor 1789 - Ricardo Diaz									
Safety 2022	Safety 2022	Paid by Check #39324		11/30/2022	12/02/2022	12/02/2022		12/02/2022	10.00
		Vendor 1789 - Ricardo Diaz Totals				Invoices	1		\$10.00
Vendor 30 - Dinuba Chamber of Commerce									
06011288	Bear Leadership	Paid by Check #39170		10/24/2022	12/02/2022	12/02/2022		12/02/2022	850.00
		Vendor 30 - Dinuba Chamber of Commerce Totals				Invoices	1		\$850.00
Vendor 200 - Dinuba Unified School District									
1750	DSC Senior Lunches - Sept. 2022	Paid by Check #39171		09/30/2022	12/02/2022	12/02/2022		12/02/2022	6,435.00
1757	DSC Senior Lunches - Oct. 2022	Paid by Check #39171		11/17/2022	12/02/2022	12/02/2022		12/02/2022	5,655.00
		Vendor 200 - Dinuba Unified School District Totals				Invoices	2		\$12,090.00



Accounts Payable Invoice Report

Payment Date Range 11/19/22 - 12/02/22
Report By Vendor - Invoice
Summary Listing

Invoice Number	Invoice Description	Status	Held Reason	Invoice Date	Due Date	G/L Date	Received Date	Payment Date	Invoice Net Amount
Vendor 1877 - Dukes, Morgan									
Safety 2022	Safety 2022	Paid by Check #39325		11/30/2022	12/02/2022	12/02/2022		12/02/2022	57.50
Vendor 1877 - Dukes, Morgan Totals						Invoices	1		<u>\$57.50</u>
Vendor 867 - Electric Motor Shop									
RS-RI30623	ELECTRIC MOTOR - MAINTENANCE FOR AERATOR #3 IN A DIGESTER	Paid by Check #39172		10/27/2022	12/02/2022	12/02/2022		12/02/2022	6,490.76
RS-RI30627	ELECTRIC MOTOR - MAINTENANCE FOR AERATORS #2 IN A DIGESTER	Paid by Check #39172		10/28/2022	12/02/2022	12/02/2022		12/02/2022	6,140.14
Vendor 867 - Electric Motor Shop Totals						Invoices	2		<u>\$12,630.90</u>
Vendor 1558 - EMD Networking Services, Inc.									
128311	Repairs	Paid by Check #39173		11/15/2022	12/02/2022	12/02/2022		12/02/2022	270.00
Vendor 1558 - EMD Networking Services, Inc. Totals						Invoices	1		<u>\$270.00</u>
Vendor 701 - Brandon Enriquez									
Safety 2022	Safety 2022	Paid by Check #39326		11/30/2022	12/02/2022	12/02/2022		12/02/2022	310.00
Vendor 701 - Brandon Enriquez Totals						Invoices	1		<u>\$310.00</u>
Vendor 1591 - Environment Control									
17333-299	ENVIRONMENT - JANITORIAL SERVICE, NOVEMBER 2022	Paid by Check #39174		11/16/2022	12/02/2022	12/02/2022		12/02/2022	1,177.77
Vendor 1591 - Environment Control Totals						Invoices	1		<u>\$1,177.77</u>
Vendor 602 - Dustin Espino									
Safety 2022	Safety 2022	Paid by Check #39327		11/30/2022	12/02/2022	12/02/2022		12/02/2022	255.00
Vendor 602 - Dustin Espino Totals						Invoices	1		<u>\$255.00</u>
Vendor 571 - Mario Estrada									
Safety 2022	Safety 2022	Paid by Check #39328		11/30/2022	12/02/2022	12/02/2022		12/02/2022	190.00
Vendor 571 - Mario Estrada Totals						Invoices	1		<u>\$190.00</u>
Vendor 631 - Moises Estrada									
Safety 2022	Safety 2022	Paid by Check #39329		11/30/2022	12/02/2022	12/02/2022		12/02/2022	310.00
Vendor 631 - Moises Estrada Totals						Invoices	1		<u>\$310.00</u>
Vendor 36 - Ewing Irrigation Products									
18226978	Fy 22/23-Parks-24 inch cinch tree tie	Paid by Check #39175		11/10/2022	12/02/2022	12/02/2022	11/21/2022	12/02/2022	150.14
Vendor 36 - Ewing Irrigation Products Totals						Invoices	1		<u>\$150.14</u>
Vendor 35 - Federal Express Corporation									
7-936-81427	POSTAGE HOTBOX TRAILER OVERNIGHT PAYMENT	Paid by Check #39176		11/04/2022	12/02/2022	12/02/2022		12/02/2022	126.11



Accounts Payable Invoice Report

Payment Date Range 11/19/22 - 12/02/22
Report By Vendor - Invoice
Summary Listing

Invoice Number	Invoice Description	Status	Held Reason	Invoice Date	Due Date	G/L Date	Received Date	Payment Date	Invoice Net Amount
		Vendor	35 - Federal Express Corporation	Totals		Invoices	1		\$126.11
Vendor 1703 - Dennis Fernandez									
Safety 2022	Safety 2022	Paid by Check #39330		11/30/2022	12/02/2022	12/02/2022		12/02/2022	350.00
		Vendor	1703 - Dennis Fernandez	Totals		Invoices	1		\$350.00
Vendor 674 - Adam Flores									
Safety 2022	Safety 2022	Paid by Check #39331		11/30/2022	12/02/2022	12/02/2022		12/02/2022	330.00
		Vendor	674 - Adam Flores	Totals		Invoices	1		\$330.00
Vendor 696 - Crystal Flores									
Safety 2022	Safety 2022	Paid by Check #39332		11/30/2022	12/02/2022	12/02/2022		12/02/2022	350.00
		Vendor	696 - Crystal Flores	Totals		Invoices	1		\$350.00
Vendor 632 - Rosalva Flores									
Safety 2022	Safety 2022	Paid by Check #39333		11/30/2022	12/02/2022	12/02/2022		12/02/2022	340.00
		Vendor	632 - Rosalva Flores	Totals		Invoices	1		\$340.00
Vendor 588 - Lorena Gamboa									
Safety 2022	Safety 2022	Paid by Check #39334		11/30/2022	12/02/2022	12/02/2022		12/02/2022	350.00
		Vendor	588 - Lorena Gamboa	Totals		Invoices	1		\$350.00
Vendor 1027 - Amy Garcia									
Safety 2022	Safety 2022	Paid by Check #39335		11/30/2022	12/02/2022	12/02/2022		12/02/2022	350.00
		Vendor	1027 - Amy Garcia	Totals		Invoices	1		\$350.00
Vendor 676 - Rolando Garcia									
Safety 2022	Safety 2022	Paid by Check #39336		11/30/2022	12/02/2022	12/02/2022		12/02/2022	350.00
		Vendor	676 - Rolando Garcia	Totals		Invoices	1		\$350.00
Vendor 1878 - Garcia, Jesse									
Safety 2022	Safety 2022	Paid by Check #39337		11/30/2022	12/02/2022	12/02/2022		12/02/2022	150.00
		Vendor	1878 - Garcia, Jesse	Totals		Invoices	1		\$150.00
Vendor 1801 - Garda CL West, INC									
60218232	SERVICE MONTH SEPTEMBER 2022	Paid by Check #39177		09/21/2022	12/02/2022	12/02/2022		12/02/2022	(59.51)
10718252	SERVICE MONTH DECEMBER 2022	Paid by Check #39177		12/01/2022	12/02/2022	12/02/2022		12/02/2022	1,343.63
		Vendor	1801 - Garda CL West, INC	Totals		Invoices	2		\$1,284.12
Vendor 573 - Crystal Garza									
Safety 2022	Safety 2022	Paid by Check #39338		11/30/2022	12/02/2022	12/02/2022		12/02/2022	350.00
		Vendor	573 - Crystal Garza	Totals		Invoices	1		\$350.00
Vendor 773 - EMMANUEL GARZA									



Accounts Payable Invoice Report

Payment Date Range 11/19/22 - 12/02/22
Report By Vendor - Invoice
Summary Listing

Invoice Number	Invoice Description	Status	Held Reason	Invoice Date	Due Date	G/L Date	Received Date	Payment Date	Invoice Net Amount
Safety 2022	Safety 2022	Paid by Check #39339		11/30/2022	12/02/2022	12/02/2022		12/02/2022	20.00
		Vendor	773 - EMMANUEL GARZA	Totals		Invoices	1		\$20.00
Vendor	1879 - Garza, Noah								
Safety 2022	Safety 2022	Paid by Check #39340		11/30/2022	12/02/2022	12/02/2022		12/02/2022	10.00
		Vendor	1879 - Garza, Noah	Totals		Invoices	1		\$10.00
Vendor	18 - The Gas Company								
1263155600311/22	DSC Gas 10/4 - 11/2/22	Paid by Check #39178		11/04/2022	12/02/2022	12/02/2022		12/02/2022	70.20
1285520359711/22	1088 E KAMM AVE 10/05/22-10/03/22	Paid by Check #39179		11/07/2022	12/02/2022	12/02/2022		12/02/2022	38.97
		Vendor	18 - The Gas Company	Totals		Invoices	2		\$109.17
Vendor	1588 - Jonathan Gonzalez								
Safety 2022	Safety 2022	Paid by Check #39341		11/30/2022	12/02/2022	12/02/2022		12/02/2022	310.00
CPR	Reimbursement	Paid by Check #39180		11/13/2022	12/02/2022	12/02/2022		12/02/2022	32.50
		Vendor	1588 - Jonathan Gonzalez	Totals		Invoices	2		\$342.50
Vendor	1490 - Jorge Gonzalez								
Safety 2022	Safety 2022	Paid by Check #39342		11/30/2022	12/02/2022	12/02/2022		12/02/2022	300.00
		Vendor	1490 - Jorge Gonzalez	Totals		Invoices	1		\$300.00
Vendor	677 - Juan C Gonzalez								
Safety 2022	Safety 2022	Paid by Check #39343		11/30/2022	12/02/2022	12/02/2022		12/02/2022	115.00
		Vendor	677 - Juan C Gonzalez	Totals		Invoices	1		\$115.00
Vendor	604 - Ashley Greco								
Safety 2022	Safety 2022	Paid by Check #39344		11/30/2022	12/02/2022	12/02/2022		12/02/2022	350.00
		Vendor	604 - Ashley Greco	Totals		Invoices	1		\$350.00
Vendor	1031 - Joe Grijalva								
Safety 2022	Safety 2022	Paid by Check #39345		11/30/2022	12/02/2022	12/02/2022		12/02/2022	340.00
		Vendor	1031 - Joe Grijalva	Totals		Invoices	1		\$340.00
Vendor	1880 - Guerrero, Jacquelyn								
Safety 2022	Safety 2022	Paid by Check #39346		11/30/2022	12/02/2022	12/02/2022		12/02/2022	20.00
		Vendor	1880 - Guerrero, Jacquelyn	Totals		Invoices	1		\$20.00
Vendor	139 - Henry Schein Inc.								
28526586	Supplies	Paid by Check #39181		11/11/2022	12/02/2022	12/02/2022		12/02/2022	301.86
		Vendor	139 - Henry Schein Inc.	Totals		Invoices	1		\$301.86
Vendor	1605 - Roberto Hernandez								
Safety 2022	Safety 2022	Paid by Check #39347		11/30/2022	12/02/2022	12/02/2022		12/02/2022	235.00
		Vendor	1605 - Roberto Hernandez	Totals		Invoices	1		\$235.00



Accounts Payable Invoice Report

Payment Date Range 11/19/22 - 12/02/22
Report By Vendor - Invoice
Summary Listing

Invoice Number	Invoice Description	Status	Held Reason	Invoice Date	Due Date	G/L Date	Received Date	Payment Date	Invoice Net Amount
Vendor 1685 - Saulo Hernandez									
Medic Skills	11/2022 Reimbursement	Paid by Check #39182		11/28/2022	12/02/2022	12/02/2022		12/02/2022	1,098.22
		Vendor 1685 - Saulo Hernandez Totals				Invoices	1		\$1,098.22
Vendor 1806 - Sergio Hernandez									
Safety 2022	Safety 2022	Paid by Check #39348		11/30/2022	12/02/2022	12/02/2022		12/02/2022	160.00
		Vendor 1806 - Sergio Hernandez Totals				Invoices	1		\$160.00
Vendor 1150 - Hoffman Security									
599479	DSC - Security Monitoring 12/01/22-12/31/22	Paid by Check #39183		11/20/2022	12/02/2022	12/02/2022		12/02/2022	105.00
		Vendor 1150 - Hoffman Security Totals				Invoices	1		\$105.00
Vendor 662 - Eloisa Huerta									
Safety 2022	Safety 2022	Paid by Check #39349		11/30/2022	12/02/2022	12/02/2022		12/02/2022	310.00
		Vendor 662 - Eloisa Huerta Totals				Invoices	1		\$310.00
Vendor 565 - Stephanie Hurtado									
Safety 2022	Safety 2022	Paid by Check #39350		11/30/2022	12/02/2022	12/02/2022		12/02/2022	330.00
		Vendor 565 - Stephanie Hurtado Totals				Invoices	1		\$330.00
Vendor 974 - InfoSend, Inc.									
221465	UTILITY PRINT AND POSTAGE OCT/SEPT 2022	Paid by Check #39184		09/30/2022	12/02/2022	12/02/2022		12/02/2022	4,328.90
223390	UTILITY PRINT AND POSTAGE OCT. 22 REMINDERS	Paid by Check #39184		10/31/2022	12/02/2022	12/02/2022		12/02/2022	338.81
224657	Insert No 39317 September 2022	Paid by Check #39184		11/18/2022	12/02/2022	12/02/2022		12/02/2022	884.27
		Vendor 974 - InfoSend, Inc. Totals				Invoices	3		\$5,551.98
Vendor 133 - J & D Lighting & Alarm									
155748	Fy 22/23-Parks-Annual alarm monitoring 12/22-11/23	Paid by Check #39185		11/15/2022	12/02/2022	12/02/2022	11/21/2022	12/02/2022	479.40
		Vendor 133 - J & D Lighting & Alarm Totals				Invoices	1		\$479.40
Vendor 560 - Daniel James									
Safety 2022	Safety 2022	Paid by Check #39351		11/30/2022	12/02/2022	12/02/2022		12/02/2022	170.00
		Vendor 560 - Daniel James Totals				Invoices	1		\$170.00
Vendor 637 - John Jobe									
Safety 2022	Safety 2022	Paid by Check #39352		11/30/2022	12/02/2022	12/02/2022		12/02/2022	85.00
		Vendor 637 - John Jobe Totals				Invoices	1		\$85.00
Vendor 681 - Eric Jump									
Safety 2022	Safety 2022	Paid by Check #39353		11/30/2022	12/02/2022	12/02/2022		12/02/2022	275.00
		Vendor 681 - Eric Jump Totals				Invoices	1		\$275.00



Accounts Payable Invoice Report

Payment Date Range 11/19/22 - 12/02/22
Report By Vendor - Invoice
Summary Listing

Invoice Number	Invoice Description	Status	Held Reason	Invoice Date	Due Date	G/L Date	Received Date	Payment Date	Invoice Net Amount
Vendor 449 - Les Schwab Tire Centers of Central California									
55100296695	DISMOUNT & MOUNT FOR T 20	Paid by Check #39186		11/14/2022	12/02/2022	12/02/2022		12/02/2022	79.98
55100296820	2 TIRES FOR U 10	Paid by Check #39186		11/15/2022	12/02/2022	12/02/2022		12/02/2022	1,130.98
Vendor 449 - Les Schwab Tire Centers of Central California Totals							Invoices	2	\$1,210.96
Vendor 1881 - Loera, Andrew									
Safety 2022	Safety 2022	Paid by Check #39354		11/30/2022	12/02/2022	12/02/2022		12/02/2022	310.00
Vendor 1881 - Loera, Andrew Totals							Invoices	1	\$310.00
Vendor 587 - Jacqueline Lopez									
Safety 2022	Safety 2022	Paid by Check #39355		11/30/2022	12/02/2022	12/02/2022		12/02/2022	40.00
Vendor 587 - Jacqueline Lopez Totals							Invoices	1	\$40.00
Vendor 682 - Jose Lopez									
Safety 2022	Safety 2022	Paid by Check #39356		11/30/2022	12/02/2022	12/02/2022		12/02/2022	350.00
Vendor 682 - Jose Lopez Totals							Invoices	1	\$350.00
Vendor 640 - Miguel Lopez									
Safety 2022	Safety 2022	Paid by Check #39357		11/30/2022	12/02/2022	12/02/2022		12/02/2022	10.00
Vendor 640 - Miguel Lopez Totals							Invoices	1	\$10.00
Vendor 703 - SAMUEL LOPEZ									
Safety 2022	Safety 2022	Paid by Check #39358		11/30/2022	12/02/2022	12/02/2022		12/02/2022	30.00
Vendor 703 - SAMUEL LOPEZ Totals							Invoices	1	\$30.00
Vendor 1457 - LSL CPA's									
53784	Professional Services -2022 Street report November 2022	Paid by Check #39187		11/30/2022	12/02/2022	12/02/2022		12/02/2022	963.00
Vendor 1457 - LSL CPA's Totals							Invoices	1	\$963.00
Vendor 1882 - Lucatero, Galilea									
Safety 2022	Safety 2022	Paid by Check #39359		11/30/2022	12/02/2022	12/02/2022		12/02/2022	20.00
Vendor 1882 - Lucatero, Galilea Totals							Invoices	1	\$20.00
Vendor 1368 - Elijah Luna									
Safety 2022	Safety 2022	Paid by Check #39360		11/30/2022	12/02/2022	12/02/2022		12/02/2022	30.00
Vendor 1368 - Elijah Luna Totals							Invoices	1	\$30.00
Vendor 643 - Ricky Mares									
Safety 2022	Safety 2022	Paid by Check #39361		11/30/2022	12/02/2022	12/02/2022		12/02/2022	310.00
Vendor 643 - Ricky Mares Totals							Invoices	1	\$310.00
Vendor 1697 - Bryan Marsh									
Safety 2022	Safety 2022	Paid by Check #39362		11/30/2022	12/02/2022	12/02/2022		12/02/2022	330.00



Accounts Payable Invoice Report

Payment Date Range 11/19/22 - 12/02/22
Report By Vendor - Invoice
Summary Listing

Invoice Number	Invoice Description	Status	Held Reason	Invoice Date	Due Date	G/L Date	Received Date	Payment Date	Invoice Net Amount
Vendor 1697 - Bryan Marsh Totals						Invoices	1		\$330.00
Vendor 608 - JESSE MARTIN									
Safety 2022	Safety 2022	Paid by Check #39363		11/30/2022	12/02/2022	12/02/2022		12/02/2022	85.00
Vendor 608 - JESSE MARTIN Totals						Invoices	1		\$85.00
Vendor 644 - Jessica Martin									
Safety 2022	Safety 2022	Paid by Check #39364		11/30/2022	12/02/2022	12/02/2022		12/02/2022	300.00
Vendor 644 - Jessica Martin Totals						Invoices	1		\$300.00
Vendor 1723 - Matson Alarm Co, Inc.									
3211013	City Hall 12/01/22-12/31/22	Paid by Check #39188		12/01/2022	12/02/2022	12/02/2022		12/02/2022	43.00
Vendor 1723 - Matson Alarm Co, Inc. Totals						Invoices	1		\$43.00
Vendor 1873 - Medallion Supply, Inc									
9130-1048058	MEDALLION - HW VFD	Paid by Check #39189		10/31/2022	12/02/2022	12/02/2022		12/02/2022	7,637.11
	ELECTRICAL PANEL PUMP #2								
9130-1048236	WWTP SUPPLIES	Paid by Check #39189		11/10/2022	12/02/2022	12/02/2022		12/02/2022	1,136.81
Vendor 1873 - Medallion Supply, Inc Totals						Invoices	2		\$8,773.92
Vendor 683 - JUAN MEDINA									
Safety 2022	Safety 2022	Paid by Check #39365		11/30/2022	12/02/2022	12/02/2022		12/02/2022	200.00
Vendor 683 - JUAN MEDINA Totals						Invoices	1		\$200.00
Vendor 1784 - Martha Mendoza									
Safety 2022	Safety 2022	Paid by Check #39366		11/30/2022	12/02/2022	12/02/2022		12/02/2022	10.00
Vendor 1784 - Martha Mendoza Totals						Invoices	1		\$10.00
Vendor 160 - Mid Valley Publishing Inc.									
0326897-IN	PUBLIC NOTICE FOR APP 2022-09	Paid by Check #39190		10/20/2022	12/02/2022	12/02/2022		12/02/2022	264.00
Vendor 160 - Mid Valley Publishing Inc. Totals						Invoices	1		\$264.00
Vendor 609 - Tim Miller									
Safety 2022	Safety 2022	Paid by Check #39367		11/30/2022	12/02/2022	12/02/2022		12/02/2022	340.00
Vendor 609 - Tim Miller Totals						Invoices	1		\$340.00
Vendor 1030 - Angelica Molina									
Safety 2022	Safety 2022	Paid by Check #39368		11/30/2022	12/02/2022	12/02/2022		12/02/2022	340.00
Vendor 1030 - Angelica Molina Totals						Invoices	1		\$340.00
Vendor 589 - Rosa Montanez									
11/29/2022	Anthem Reimb 12/01/2022-12/31/2022	Paid by Check #39191		11/29/2022	12/02/2022	12/02/2022		12/02/2022	214.65
Vendor 589 - Rosa Montanez Totals						Invoices	1		\$214.65



Accounts Payable Invoice Report

Payment Date Range 11/19/22 - 12/02/22
Report By Vendor - Invoice
Summary Listing

Invoice Number	Invoice Description	Status	Held Reason	Invoice Date	Due Date	G/L Date	Received Date	Payment Date	Invoice Net Amount
Vendor 590 - Guadalupe Montejano									
Safety 2022	Safety 2022	Paid by Check #39369		11/30/2022	12/02/2022	12/02/2022		12/02/2022	350.00
		Vendor 590 - Guadalupe Montejano Totals				Invoices	1		<u>\$350.00</u>
Vendor 1883 - Montes, Librado									
Safety 2022	Safety 2022	Paid by Check #39370		11/30/2022	12/02/2022	12/02/2022		12/02/2022	20.00
		Vendor 1883 - Montes, Librado Totals				Invoices	1		<u>\$20.00</u>
Vendor 575 - Maricela Montoya									
Safety 2022	Safety 2022	Paid by Check #39371		11/30/2022	12/02/2022	12/02/2022		12/02/2022	50.00
		Vendor 575 - Maricela Montoya Totals				Invoices	1		<u>\$50.00</u>
Vendor 22 - Moore Twining Associates Inc.									
2378803	WATER SAMPLE TESTING WWTP - INDUSTRIAL	Paid by Check #39192		11/17/2022	12/02/2022	12/02/2022		12/02/2022	88.00
2378804	WATER SAMPLE TESTING WWTP - IN HOUSE	Paid by Check #39192		11/17/2022	12/02/2022	12/02/2022		12/02/2022	226.00
2378826	WATER SAMPLE TESTING WWTP - INDUSTRIAL	Paid by Check #39192		11/18/2022	12/02/2022	12/02/2022		12/02/2022	88.00
2378832	MONITORING WELL ANNUAL SAMPLING	Paid by Check #39192		11/18/2022	12/02/2022	12/02/2022		12/02/2022	1,232.00
2379039	WATER SAMPLE TESTING WWTP - IN HOUSE	Paid by Check #39192		11/23/2022	12/02/2022	12/02/2022		12/02/2022	115.00
2379062	WATER SAMPLE TESTING WWTP - INDUSTRIAL	Paid by Check #39192		11/28/2022	12/02/2022	12/02/2022		12/02/2022	88.00
2379069	WATER SAMPLE TESTING WWTP - INDUSTRIAL	Paid by Check #39192		11/28/2022	12/02/2022	12/02/2022		12/02/2022	88.00
		Vendor 22 - Moore Twining Associates Inc. Totals				Invoices	7		<u>\$1,925.00</u>
Vendor 647 - Cesar Moreno									
Safety 2022	Safety 2022	Paid by Check #39372		11/30/2022	12/02/2022	12/02/2022		12/02/2022	10.00
		Vendor 647 - Cesar Moreno Totals				Invoices	1		<u>\$10.00</u>
Vendor 284 - MV Transportation, Inc.									
121392	MV LEASE REFUND OVERPAYMENT OF RENT JULY 2022-NOVEMBER 2022	Paid by Check #39193		11/28/2022	12/02/2022	12/02/2022		12/02/2022	7,229.00
		Vendor 284 - MV Transportation, Inc. Totals				Invoices	1		<u>\$7,229.00</u>
Vendor 899 - NBS									
202209-2117	Admin Professional Services 10/01/22-12/31/22	Paid by Check #39194		09/20/2022	12/02/2022	12/02/2022		12/02/2022	7,469.90
		Vendor 899 - NBS Totals				Invoices	1		<u>\$7,469.90</u>
Vendor 648 - Marcos Nunez									
Safety 2022	Safety 2022	Paid by Check #39373		11/30/2022	12/02/2022	12/02/2022		12/02/2022	340.00



Accounts Payable Invoice Report

Payment Date Range 11/19/22 - 12/02/22
Report By Vendor - Invoice
Summary Listing

Invoice Number	Invoice Description	Status	Held Reason	Invoice Date	Due Date	G/L Date	Received Date	Payment Date	Invoice Net Amount
			Vendor 648 - Marcos Nunez Totals				Invoices	1	\$340.00
Vendor 1884 - Nunez, Beverly									
Safety 2022	Safety 2022	Paid by Check #39374		11/30/2022	12/02/2022	12/02/2022		12/02/2022	330.00
			Vendor 1884 - Nunez, Beverly Totals				Invoices	1	\$330.00
Vendor 142 - Office Depot BSD									
276139729001	PAINT MARKERS FOR WATER AND STREETS	Paid by Check #39195		11/04/2022	12/02/2022	12/02/2022		12/02/2022	78.10
276140030001	Office Supplies - Office Depot	Paid by Check #39195		11/07/2022	12/02/2022	12/02/2022		12/02/2022	94.57
276140030002	Office Supplies - Office Depot	Paid by Check #39195		11/10/2022	12/02/2022	12/02/2022		12/02/2022	187.75
			Vendor 142 - Office Depot BSD Totals				Invoices	3	\$360.42
Vendor 1708 - James Olivera									
11/21/22	Anthem Reimb 12/01/2022-12/31/2022	Paid by Check #39196		11/21/2022	12/02/2022	12/02/2022		12/02/2022	233.91
			Vendor 1708 - James Olivera Totals				Invoices	1	\$233.91
Vendor 1773 - Pace Supply Corp.									
198149205	WATER DEPT SUPPLIES	Paid by Check #39197		11/17/2022	12/02/2022	12/02/2022		12/02/2022	1,704.07
198182291	SEWER SUPPLIES	Paid by Check #39197		11/21/2022	12/02/2022	12/02/2022		12/02/2022	70.75
			Vendor 1773 - Pace Supply Corp. Totals				Invoices	2	\$1,774.82
Vendor 76 - Pacific Gas & Electric									
2509717364211/22	L & M ALLEY @ FRESNO ST 10/07/22-11/06/22	Paid by Check #39245		11/07/2022	12/02/2022	12/02/2022		12/02/2022	31.37
3166578419011/22	3007 W KAMM AVE 10/18/22-11/16/22	Paid by Check #39244		11/17/2022	12/02/2022	12/02/2022		12/02/2022	66.86
0021138281705/21	765 W NEBRASKA AVE 04/27/21-04/30/21	Paid by Check #39247		05/02/2021	12/02/2022	12/02/2022		12/02/2022	1.54
9825087728305/21	595 W Nebraska Ave 04/27/21-04/30/21	Paid by Check #39226		05/02/2021	12/02/2022	12/02/2022		12/02/2022	3.59
0021138281706/21	765 W NEBRASKA AVE 05/01/21-06/01/21	Paid by Check #39256		06/02/2021	12/02/2022	12/02/2022		12/02/2022	13.36
9825087728306/21	595 W NEBRASKA AVE 05/01/21-06/01/21	Paid by Check #39227		06/02/2021	12/02/2022	12/02/2022		12/02/2022	33.87
0021138281707/21	765 W NEBRASKA AVE 06/02/21-06/30/21	Paid by Check #39257		07/01/2021	12/02/2022	12/02/2022		12/02/2022	12.38
9825087728307/21	595 W NEBRASKA AVE 07/01/21-07/29/21	Paid by Check #39228		07/01/2021	12/02/2022	12/02/2022		12/02/2022	30.90
0021138281707.21	765 W NEBRASKA AVE 07/01/21-07/29/21	Paid by Check #39258		07/30/2021	12/02/2022	12/02/2022		12/02/2022	12.26
9825087728307.21	595 W NEBRASKA AVE 06/02/21-06/30/21	Paid by Check #39229		07/30/2021	12/02/2022	12/02/2022		12/02/2022	31.19
0021138281708/21	765 W NEBRASKA AVE 07/30/21-08/31/21	Paid by Check #39259		08/31/2021	12/02/2022	12/02/2022		12/02/2022	13.59



Accounts Payable Invoice Report

Payment Date Range 11/19/22 - 12/02/22
Report By Vendor - Invoice
Summary Listing

Invoice Number	Invoice Description	Status	Held Reason	Invoice Date	Due Date	G/L Date	Received Date	Payment Date	Invoice Net Amount
9825087728308/21	595 W NEBRASKA AVE 07/30/21-08/30/21	Paid by Check #39230		08/31/2021	12/02/2022	12/02/2022		12/02/2022	36.67
0021138281709/21	765 W NEBRASKA AVE 08/31/21-09/29/21	Paid by Check #39260		09/30/2021	12/02/2022	12/02/2022		12/02/2022	12.66
9825087728309/21	595 W NEBRASKA AVE 08/31/21-09/29/21	Paid by Check #39231		09/30/2021	12/02/2022	12/02/2022		12/02/2022	35.33
0021138281710/21	765 W NEBRASKA AVE 09/30/21-10/28/21	Paid by Check #39261		10/29/2021	12/02/2022	12/02/2022		12/02/2022	12.66
9825087728310/21	595 W NEBRASKA AVE 09/30/21-10/28/21	Paid by Check #39232		10/29/2021	12/02/2022	12/02/2022		12/02/2022	35.95
0021138281712/21	765 W NEBRASKA AVE 10/29/21-11/30/21	Paid by Check #39263		12/01/2021	12/02/2022	12/02/2022		12/02/2022	13.74
9825087728312/21	595 W NEBRASKA AVE 10/29/21-11/30/21	Paid by Check #39233		12/01/2021	12/02/2022	12/02/2022		12/02/2022	19.45
0021138281712.21	765 W NEBRASKA AVE 12/01/21-12/28/21	Paid by Check #39264		12/29/2021	12/02/2022	12/02/2022		12/02/2022	11.66
9825087728312.21	595 W NEBRASKA AVE 12/01/21-12/28/21	Paid by Check #39234		12/29/2021	12/02/2022	12/02/2022		12/02/2022	9.20
0021138281701/22	765 W NEBRASKA AVE 12/29/21-01/27/22	Paid by Check #39262		01/28/2022	12/02/2022	12/02/2022		12/02/2022	12.68
9825087728301/22	595 W NEBRASKA AVE 12/29/21-01/27/22	Paid by Check #39235		01/28/2022	12/02/2022	12/02/2022		12/02/2022	9.86
0021138281703/22	765 W NEBRASKA AVE 01/28/22-02/28-22	Paid by Check #39251		03/01/2022	12/02/2022	12/02/2022		12/02/2022	13.52
9825087728303/22	595 W NEBRASKA AVE 01/28/22-02/28/22	Paid by Check #39236		03/01/2022	12/02/2022	12/02/2022		12/02/2022	34.04
0021138281703.22	765 W NEBRASKA AVE 03/01/22-03/29/22	Paid by Check #39252		03/30/2022	12/02/2022	12/02/2022		12/02/2022	12.46
9825087728303.22	595 W NEBRASKA AVE 03/01/22-03/29/22	Paid by Check #39237		03/30/2022	12/02/2022	12/02/2022		12/02/2022	35.26
0021138281704/22	765 W NEBRASKA AVE 03/30/22-04/28/22	Paid by Check #39253		04/29/2022	12/02/2022	12/02/2022		12/02/2022	12.83
9825087728304/22	595 W NEBRASKA AVE 03/30/22-04/28/22	Paid by Check #39238		04/29/2022	12/02/2022	12/02/2022		12/02/2022	36.32
0021138281705/22	765 W NEBRASKA AVE 04/29/22-05/30/22	Paid by Check #39254		05/31/2022	12/02/2022	12/02/2022		12/02/2022	14.29
9825087728305/22	595 W NEBRASKA AVE 04/29/22-05/30/22	Paid by Check #39239		05/31/2022	12/02/2022	12/02/2022		12/02/2022	45.75
0021138281706/22	765 W NEBRASKA AVE 05/31/22-06/28/22	Paid by Check #39255		06/29/2022	12/02/2022	12/02/2022		12/02/2022	13.09
9825087728306/22	595 W NEBRASKA AVE 05/31/22-06/28/22	Paid by Check #39240		06/29/2022	12/02/2022	12/02/2022		12/02/2022	42.80
0021138281707/22	765 W NEBRASKA AVE 06/29/22-07/28/22	Paid by Check #39250		07/29/2022	12/02/2022	12/02/2022		12/02/2022	13.66
9825087728307/22	595 W NEBRASKA AVE 06/29/22-07/28/22	Paid by Check #39241		07/29/2022	12/02/2022	12/02/2022		12/02/2022	43.01



Accounts Payable Invoice Report

Payment Date Range 11/19/22 - 12/02/22
Report By Vendor - Invoice
Summary Listing

Invoice Number	Invoice Description	Status	Held Reason	Invoice Date	Due Date	G/L Date	Received Date	Payment Date	Invoice Net Amount
0021138281708/22	765 W NEBRASKA AVE 07/29/22-08/29/22	Paid by Check #39249		08/30/2022	12/02/2022	12/02/2022		12/02/2022	14.60
9825087728308/22	595 W NEBRASKA AVE 07/29/22-08/29/22	Paid by Check #39242		08/30/2022	12/02/2022	12/02/2022		12/02/2022	47.61
0021138281709/22	765 W NEBRASKA AVE 08/30/22-09/28/22	Paid by Check #39248		09/29/2022	12/02/2022	12/02/2022		12/02/2022	13.57
9825087728309/22	595 W NEBRASKA AVE 08/30/22-09/28/22	Paid by Check #39243		09/29/2022	12/02/2022	12/02/2022		12/02/2022	43.83
1693144969411/22	Parks - N/KAMM E/GREEN 10/10/22-11/07/22	Paid by Check #39202		11/08/2022	12/02/2022	12/02/2022		12/02/2022	161.05
6021181187611/22	Sportsplex - 201 N URUAPAN WAY 10/07/22-11/06/22	Paid by Check #39204		11/09/2022	12/02/2022	12/02/2022		12/02/2022	1,970.52
7314274871111/22	CS & Parks 10/03/22-10/31/22	Paid by Check #39205		11/09/2022	12/02/2022	12/02/2022		12/02/2022	3,243.48
1557710974511/22	1851 E KAMM AVE 10/11/22-11/08/22	Paid by Check #39201		11/14/2022	12/02/2022	12/02/2022		12/02/2022	2,079.64
4323390246911/22	L & L CITRUS HEIGHTS VENTURA AND O 10/15/22-11/15/22	Paid by Check #39203		11/15/2022	12/02/2022	12/02/2022		12/02/2022	67.41
9018373735311/22	L & L DUNMORE HOMES VISCAYA 1 AT SAGINA 10/15/22-11/15/22	Paid by Check #39207		11/15/2022	12/02/2022	12/02/2022		12/02/2022	986.56
9196176758811/22	L & L SIERRA WAY AND BUENA VISTA AVE 10/15/22-11/15/22	Paid by Check #39208		11/15/2022	12/02/2022	12/02/2022		12/02/2022	84.91
8543598174211/22	L & L 10/15/22-11/15/22	Paid by Check #39206		11/17/2022	12/02/2022	12/02/2022		12/02/2022	220.50
2459149581711/22	SW SW 7-16-24 09/28/22-10/26/22	Paid by Check #39214		11/02/2022	12/02/2022	12/02/2022		12/02/2022	1,204.02
1344455159511/22	NW COR M & VENTURA AVE 10/07/22-11/06/22	Paid by Check #39209		11/07/2022	12/02/2022	12/02/2022		12/02/2022	40.00
2104753778811/22	155 W MERCED AVE 10/07/22-11/06/22	Paid by Check #39213		11/07/2022	12/02/2022	12/02/2022		12/02/2022	132.42
4475716051811/22	180 W Merced STE A	Paid by Check #39200		11/07/2022	12/02/2022	12/02/2022		12/02/2022	571.48
6058049267011/22	148 S M ST 10/07/22-11/06/22	Paid by Check #39219		11/07/2022	12/02/2022	12/02/2022		12/02/2022	13.21
7681012419811/22	180 W Merced STE C	Paid by Check #39198		11/07/2022	12/02/2022	12/02/2022		12/02/2022	98.39
9750865237311/22	180 W Merced STE B	Paid by Check #39199		11/07/2022	12/02/2022	12/02/2022		12/02/2022	133.10
5167308560411/22	S/E KAMM & ALTA 10/10/22-11/07/22	Paid by Check #39218		11/08/2022	12/02/2022	12/02/2022		12/02/2022	93.32
6724721106211/22	TULARE & L ST 10/08/22-11/07/22	Paid by Check #39221		11/08/2022	12/02/2022	12/02/2022		12/02/2022	106.26
6766387770111/22	TULARE & L ST 10/08/22-11/07/22	Paid by Check #39222		11/08/2022	12/02/2022	12/02/2022		12/02/2022	64.62
4964113683011/22	MILSAP & MYRTLE ALLEY 10/07/22-11/06/22	Paid by Check #39216		11/09/2022	12/02/2022	12/02/2022		12/02/2022	97.16
5027356573411/22	RANDLE AVE S/EL MONTE 10/11/22-11/08/22	Paid by Check #39217		11/09/2022	12/02/2022	12/02/2022		12/02/2022	17.37
8474719951511/22	ALTA & KAMM AVE 10/11/22-11/08/22	Paid by Check #39223		11/09/2022	12/02/2022	12/02/2022		12/02/2022	85.74
1349716235711/22	KAMM & GREEN 10/10/22-11/07/22	Paid by Check #39210		11/10/2022	12/02/2022	12/02/2022		12/02/2022	4,763.35



Accounts Payable Invoice Report

Payment Date Range 11/19/22 - 12/02/22
Report By Vendor - Invoice
Summary Listing

Invoice Number	Invoice Description	Status	Held Reason	Invoice Date	Due Date	G/L Date	Received Date	Payment Date	Invoice Net Amount
1561888272211/22	PW 10/13/22-11/10/22	Paid by Check #39211		11/13/2022	12/02/2022	12/02/2022		12/02/2022	131.75
2073277197511/22	1088 E KAMM AVE 10/11/22-11/08/22	Paid by Check #39212		11/14/2022	12/02/2022	12/02/2022		12/02/2022	92,518.76
3380779542311/22	2007 N CRAWFORD AVE 10/12/22-11/09/22	Paid by Check #39215		11/14/2022	12/02/2022	12/02/2022		12/02/2022	253.01
6407995725011/22	PW 10/13/22-11/13/22	Paid by Check #39220		11/15/2022	12/02/2022	12/02/2022		12/02/2022	700.31
9179222553311/22	PW 10/15/22-11/15/22	Paid by Check #39224		11/15/2022	12/02/2022	12/02/2022		12/02/2022	896.05
9548749847911/22	ALTA & NEBRASKA AVE 10/13/22-11/10/22	Paid by Check #39225		11/15/2022	12/02/2022	12/02/2022		12/02/2022	82.66
6744215678111/22	6675 AVE 412 10/18/22-11/16/22	Paid by Check #39246		11/18/2022	12/02/2022	12/02/2022		12/02/2022	2,835.05
			Vendor 76 - Pacific Gas & Electric Totals				Invoices	67	\$114,549.51
Vendor 1885 - Parra, Danielle									
Safety 2022	Safety 2022	Paid by Check #39375		11/30/2022	12/02/2022	12/02/2022		12/02/2022	20.00
			Vendor 1885 - Parra, Danielle Totals				Invoices	1	\$20.00
Vendor 686 - Elva Patino									
Safety 2022	Safety 2022	Paid by Check #39376		11/30/2022	12/02/2022	12/02/2022		12/02/2022	350.00
2022 Municipal	2022 Municipal Finance Monterey Ca. 12/6/22-12/8/22	Paid by Check #39265		11/29/2022	12/02/2022	12/02/2022		12/02/2022	169.00
			Vendor 686 - Elva Patino Totals				Invoices	2	\$519.00
Vendor 611 - Michelle Pattillo									
Safety 2022	Safety 2022	Paid by Check #39377		11/30/2022	12/02/2022	12/02/2022		12/02/2022	350.00
			Vendor 611 - Michelle Pattillo Totals				Invoices	1	\$350.00
Vendor 7 - Pena's Disposal Services									
698639	Fy 22/23-Parks-Disposal service for vuich park	Paid by Check #39266		11/18/2022	12/02/2022	12/02/2022	11/21/2022	12/02/2022	350.34
697944	PENAS - FALL CLEAN UP, OCTOBER 2022	Paid by Check #39266		11/11/2022	12/02/2022	12/02/2022		12/02/2022	10,275.08
698646	Cust No. 01-153360	Paid by Check #39266		11/18/2022	12/02/2022	12/02/2022		12/02/2022	2,291.88
			Vendor 7 - Pena's Disposal Services Totals				Invoices	3	\$12,917.30
Vendor 1699 - Thomas Perea									
Safety 2022	Safety 2022	Paid by Check #39378		11/30/2022	12/02/2022	12/02/2022		12/02/2022	75.00
			Vendor 1699 - Thomas Perea Totals				Invoices	1	\$75.00
Vendor 1607 - Juan Pinedo									
Safety 2022	Safety 2022	Paid by Check #39379		11/30/2022	12/02/2022	12/02/2022		12/02/2022	310.00
			Vendor 1607 - Juan Pinedo Totals				Invoices	1	\$310.00
Vendor 687 - Cosme Pizano									
Safety 2022	Safety 2022	Paid by Check #39380		11/30/2022	12/02/2022	12/02/2022		12/02/2022	320.00
			Vendor 687 - Cosme Pizano Totals				Invoices	1	\$320.00



Accounts Payable Invoice Report

Payment Date Range 11/19/22 - 12/02/22
Report By Vendor - Invoice
Summary Listing

Invoice Number	Invoice Description	Status	Held Reason	Invoice Date	Due Date	G/L Date	Received Date	Payment Date	Invoice Net Amount
Vendor 1785 - Mary Prado									
Safety 2022	Safety 2022	Paid by Check #39381		11/30/2022	12/02/2022	12/02/2022		12/02/2022	20.00
		Vendor 1785 - Mary Prado Totals				Invoices	1		\$20.00
Vendor 33 - R & S Erection of Fresno County									
119524	Repairs	Paid by Check #39267		11/22/2022	12/02/2022	12/02/2022		12/02/2022	422.50
		Vendor 33 - R & S Erection of Fresno County Totals				Invoices	1		\$422.50
Vendor 577 - Jacqueline Ramirez									
Safety 2022	Safety 2022	Paid by Check #39382		11/30/2022	12/02/2022	12/02/2022		12/02/2022	30.00
		Vendor 577 - Jacqueline Ramirez Totals				Invoices	1		\$30.00
Vendor 1583 - Joel Ramirez									
Safety 2022	Safety 2022	Paid by Check #39383		11/30/2022	12/02/2022	12/02/2022		12/02/2022	340.00
		Vendor 1583 - Joel Ramirez Totals				Invoices	1		\$340.00
Vendor 654 - Michael Reyna									
Safety 2022	Safety 2022	Paid by Check #39384		11/30/2022	12/02/2022	12/02/2022		12/02/2022	160.00
		Vendor 654 - Michael Reyna Totals				Invoices	1		\$160.00
Vendor 689 - Denis Richardson									
Safety 2022	Safety 2022	Paid by Check #39385		11/30/2022	12/02/2022	12/02/2022		12/02/2022	320.00
		Vendor 689 - Denis Richardson Totals				Invoices	1		\$320.00
Vendor 612 - Johnny Rieke									
Safety 2022	Safety 2022	Paid by Check #39386		11/30/2022	12/02/2022	12/02/2022		12/02/2022	235.00
		Vendor 612 - Johnny Rieke Totals				Invoices	1		\$235.00
Vendor 655 - John Rivas									
Safety 2022	Safety 2022	Paid by Check #39387		11/30/2022	12/02/2022	12/02/2022		12/02/2022	340.00
		Vendor 655 - John Rivas Totals				Invoices	1		\$340.00
Vendor 656 - John Robison									
Safety 2022	Safety 2022	Paid by Check #39388		11/30/2022	12/02/2022	12/02/2022		12/02/2022	20.00
		Vendor 656 - John Robison Totals				Invoices	1		\$20.00
Vendor 592 - JOSEPHINE ROLDAN									
Safety 2022	Safety 2022	Paid by Check #39389		11/30/2022	12/02/2022	12/02/2022		12/02/2022	330.00
		Vendor 592 - JOSEPHINE ROLDAN Totals				Invoices	1		\$330.00
Vendor 1707 - RRM Design Group									
2415-01-1022A	Dinuba Focused General Plan Update Leap: Task 05	Paid by Check #39268		11/14/2022	12/02/2022	12/02/2022		12/02/2022	1,695.00
2415-01-1022B	Dinuba Focused GPU SB2: Task 2, 7, 10 & 3B OCT 2022	Paid by Check #39268		11/14/2022	12/02/2022	12/02/2022		12/02/2022	6,633.75



Accounts Payable Invoice Report

Payment Date Range 11/19/22 - 12/02/22
Report By Vendor - Invoice
Summary Listing

Invoice Number	Invoice Description	Status	Held Reason	Invoice Date	Due Date	G/L Date	Received Date	Payment Date	Invoice Net Amount
		Vendor	1707 - RRM Design Group	Totals			Invoices	2	\$8,328.75
Vendor 593 - Alma Ruelas									
Safety 2022	Safety 2022	Paid by Check #39390		11/30/2022	12/02/2022	12/02/2022		12/02/2022	350.00
		Vendor	593 - Alma Ruelas	Totals			Invoices	1	\$350.00
Vendor 709 - Gonzalo Ruiz									
Safety 2022	Safety 2022	Paid by Check #39391		11/30/2022	12/02/2022	12/02/2022		12/02/2022	10.00
		Vendor	709 - Gonzalo Ruiz	Totals			Invoices	1	\$10.00
Vendor 1494 - Meagan Saenz									
Safety 2022	Safety 2022	Paid by Check #39392		11/30/2022	12/02/2022	12/02/2022		12/02/2022	10.00
		Vendor	1494 - Meagan Saenz	Totals			Invoices	1	\$10.00
Vendor 1371 - Faviola Salgado									
Safety 2022	Safety 2022	Paid by Check #39393		11/30/2022	12/02/2022	12/02/2022		12/02/2022	20.00
		Vendor	1371 - Faviola Salgado	Totals			Invoices	1	\$20.00
Vendor 1850 - Jose Sanchez									
Safety 2022	Safety 2022	Paid by Check #39394		11/30/2022	12/02/2022	12/02/2022		12/02/2022	160.00
		Vendor	1850 - Jose Sanchez	Totals			Invoices	1	\$160.00
Vendor 792 - Mayra Sanchez									
Safety 2022	Safety 2022	Paid by Check #39395		11/30/2022	12/02/2022	12/02/2022		12/02/2022	350.00
		Vendor	792 - Mayra Sanchez	Totals			Invoices	1	\$350.00
Vendor 1733 - Gerardo Santana									
Safety 2022	Safety 2022	Paid by Check #39396		11/30/2022	12/02/2022	12/02/2022		12/02/2022	30.00
		Vendor	1733 - Gerardo Santana	Totals			Invoices	1	\$30.00
Vendor 1240 - Anna Santillan									
Safety 2022	Safety 2022	Paid by Check #39397		11/30/2022	12/02/2022	12/02/2022		12/02/2022	330.00
		Vendor	1240 - Anna Santillan	Totals			Invoices	1	\$330.00
Vendor 1863 - Sabrina Scheer									
Safety 2022	Safety 2022	Paid by Check #39398		11/30/2022	12/02/2022	12/02/2022		12/02/2022	150.00
		Vendor	1863 - Sabrina Scheer	Totals			Invoices	1	\$150.00
Vendor 1886 - Schlegel, Timothy									
Safety 2022	Safety 2022	Paid by Check #39399		11/30/2022	12/02/2022	12/02/2022		12/02/2022	160.00
		Vendor	1886 - Schlegel, Timothy	Totals			Invoices	1	\$160.00
Vendor 46 - Self Help Enterprises									
BA-17	CDBG-CV2-3 BA GENERAL ADMIN & IMPLEMENTATION COST	Paid by Check #39269		10/13/2022	12/02/2022	12/02/2022		12/02/2022	522.24



Accounts Payable Invoice Report

Payment Date Range 11/19/22 - 12/02/22
Report By Vendor - Invoice
Summary Listing

Invoice Number	Invoice Description	Status	Held Reason	Invoice Date	Due Date	G/L Date	Received Date	Payment Date	Invoice Net Amount
SUB-17	CDBG-CV2-3 SUB ASSIST, GENERAL ADMIN & IMPLEMENT COST SEPT 2022	Paid by Check #39269		10/23/2022	12/02/2022	12/02/2022		12/02/2022	33,148.53
BA-18	CDBG-CV2-3 BA GENERAL ADMIN & IMPLEMENTATION COST OCT 2022	Paid by Check #39269		11/15/2022	12/02/2022	12/02/2022		12/02/2022	1,056.93
SUB-18	CDBG-CV2-3 SUB ASSIST, GENERAL ADMIN & IMPLEMENT COST OCT 2022	Paid by Check #39269		11/28/2022	12/02/2022	12/02/2022		12/02/2022	21,621.27
Vendor 46 - Self Help Enterprises Totals							Invoices	4	\$56,348.97
Vendor 172 - Sequoia Safety Council, Inc.									
R86959	Hurley, William	Paid by Check #39271		11/04/2022	12/02/2022	12/02/2022		12/02/2022	2,065.85
R90909A	Radtke, Roger	Paid by Check #39270		11/22/2022	12/02/2022	12/02/2022		12/02/2022	200.00
Vendor 172 - Sequoia Safety Council, Inc. Totals							Invoices	2	\$2,265.85
Vendor 1372 - Josue Silva									
Safety 2022	Safety 2022	Paid by Check #39400		11/30/2022	12/02/2022	12/02/2022		12/02/2022	150.00
Vendor 1372 - Josue Silva Totals							Invoices	1	\$150.00
Vendor 1028 - Rosemary Silva									
Safety 2022	Safety 2022	Paid by Check #39401		11/30/2022	12/02/2022	12/02/2022		12/02/2022	350.00
Vendor 1028 - Rosemary Silva Totals							Invoices	1	\$350.00
Vendor 690 - Richard Smith									
Safety 2022	Safety 2022	Paid by Check #39402		11/30/2022	12/02/2022	12/02/2022		12/02/2022	320.00
Vendor 690 - Richard Smith Totals							Invoices	1	\$320.00
Vendor 594 - Karina Solis									
Safety 2022	Safety 2022	Paid by Check #39403		11/30/2022	12/02/2022	12/02/2022		12/02/2022	350.00
Vendor 594 - Karina Solis Totals							Invoices	1	\$350.00
Vendor 1887 - Solis, Vanessa									
Safety 2022	Safety 2022	Paid by Check #39404		11/30/2022	12/02/2022	12/02/2022		12/02/2022	20.00
Vendor 1887 - Solis, Vanessa Totals							Invoices	1	\$20.00
Vendor 547 - Russell Son									
Safety 2022	Safety 2022	Paid by Check #39405		11/30/2022	12/02/2022	12/02/2022		12/02/2022	300.00
Vendor 547 - Russell Son Totals							Invoices	1	\$300.00
Vendor 1870 - Source, Incorporated of Missouri									
361679	Source Inv RV 55	Paid by Check #39272		11/15/2022	12/02/2022	12/02/2022		12/02/2022	1,096.35
Vendor 1870 - Source, Incorporated of Missouri Totals							Invoices	1	\$1,096.35
Vendor 911 - State Controller's Office									



Accounts Payable Invoice Report

Payment Date Range 11/19/22 - 12/02/22
Report By Vendor - Invoice
Summary Listing

Invoice Number	Invoice Description	Status	Held Reason	Invoice Date	Due Date	G/L Date	Received Date	Payment Date	Invoice Net Amount
#1299492 2021	Unclaimed Property Remit Report 01/01/18-12/31/18	Paid by Check #39273		04/14/2022	12/02/2022	12/02/2022		12/02/2022	52.00
Vendor 911 - State Controller's Office Totals								Invoices	1
									\$52.00
Vendor 214 - Stericycle, Inc.									
3006253909	December 2022	Paid by Check #39274		12/01/2022	12/02/2022	12/02/2022		12/02/2022	148.90
Vendor 214 - Stericycle, Inc. Totals								Invoices	1
									\$148.90
Vendor 1073 - Stryker Sales Coporation									
3952505M	Repairs	Paid by Check #39275		11/11/2022	12/02/2022	12/02/2022		12/02/2022	1,302.30
3952506M	Repairs	Paid by Check #39275		11/11/2022	12/02/2022	12/02/2022		12/02/2022	1,079.10
3952507M	Repairs	Paid by Check #39275		11/11/2022	12/02/2022	12/02/2022		12/02/2022	1,136.70
3952508M	Repairs	Paid by Check #39275		11/11/2022	12/02/2022	12/02/2022		12/02/2022	590.40
Vendor 1073 - Stryker Sales Coporation Totals								Invoices	4
									\$4,108.50
Vendor 86 - SWRCB									
GRD I RENEW JTOR	GRADE I RENEWAL - JESUS TORRES	Paid by Check #39276		11/28/2022	12/02/2022	12/02/2022		12/02/2022	150.00
Vendor 86 - SWRCB Totals								Invoices	1
									\$150.00
Vendor 1447 - Monte Sylvester									
11/21/22	Anthem Reimb 12/01/2022-12/31/2022	Paid by Check #39277		11/28/2022	12/02/2022	12/02/2022		12/02/2022	320.56
Vendor 1447 - Monte Sylvester Totals								Invoices	1
									\$320.56
Vendor 581 - Michele Tapia									
Safety 2022	Safety 2022	Paid by Check #39406		11/30/2022	12/02/2022	12/02/2022		12/02/2022	350.00
Vendor 581 - Michele Tapia Totals								Invoices	1
									\$350.00
Vendor 1564 - The Home Depot Pro									
716238720	TOILET PAPER, LINERS, TOILET BRUSH - INVENTORY	Paid by Check #39278		11/08/2022	12/02/2022	12/02/2022		12/02/2022	1,235.65
Vendor 1564 - The Home Depot Pro Totals								Invoices	1
									\$1,235.65
Vendor 1814 - Thomas and Associates DBA Bogie's Pump System									
16955	Autumn Gate-Nebraska Ave Lift Station	Paid by Check #39279		11/09/2022	12/02/2022	12/02/2022		12/02/2022	2,780.40
Vendor 1814 - Thomas and Associates DBA Bogie's Pump System Totals								Invoices	1
									\$2,780.40
Vendor 426 - Tioga Solar									
1060277561	TIOGA - SOLAR PRODUCTION, OCTOBER 2022	Paid by Check #39280		10/31/2022	12/02/2022	12/02/2022		12/02/2022	35,545.87
Vendor 426 - Tioga Solar Totals								Invoices	1
									\$35,545.87
Vendor 1778 - TKE Engineering									



Accounts Payable Invoice Report

Payment Date Range 11/19/22 - 12/02/22
Report By Vendor - Invoice
Summary Listing

Invoice Number	Invoice Description	Status	Held Reason	Invoice Date	Due Date	G/L Date	Received Date	Payment Date	Invoice Net Amount
2022-5047	175-01 Dinuba Successor Agency- General Services 8/01/22- 08/31/22	Paid by Check #39281		09/12/2022	12/02/2022	12/02/2022		12/02/2022	2,662.50
2022-5055	175-01 Dinuba Successor Agency- General Services 9/01/22- 09/30/22	Paid by Check #39281		11/04/2022	12/02/2022	12/02/2022		12/02/2022	455.00
Vendor 1778 - TKE Engineering Totals								Invoices 2	\$3,117.50
Vendor 1787 - Jesus Torres									
Safety 2022	Safety 2022	Paid by Check #39407		11/30/2022	12/02/2022	12/02/2022		12/02/2022	30.00
Vendor 1787 - Jesus Torres Totals								Invoices 1	\$30.00
Vendor 691 - Luz Torres									
Safety 2022	Safety 2022	Paid by Check #39408		11/30/2022	12/02/2022	12/02/2022		12/02/2022	350.00
Vendor 691 - Luz Torres Totals								Invoices 1	\$350.00
Vendor 1633 - Toyota Industries Commercial Finance, Inc.									
4003657844	LITTER VACUUM LEASE PAYMENT	Paid by Check #39282		11/14/2022	12/02/2022	12/02/2022		12/02/2022	950.73
Vendor 1633 - Toyota Industries Commercial Finance, Inc. Totals								Invoices 1	\$950.73
Vendor 658 - Eric Trevino									
Safety 2022	Safety 2022	Paid by Check #39409		11/30/2022	12/02/2022	12/02/2022		12/02/2022	310.00
Vendor 658 - Eric Trevino Totals								Invoices 1	\$310.00
Vendor 1635 - Tuttle Tree Care & Maintenance									
221411	TUTTLE - TREE REMOVAL	Paid by Check #39283		11/18/2022	12/02/2022	12/02/2022		12/02/2022	5,100.00
Vendor 1635 - Tuttle Tree Care & Maintenance Totals								Invoices 1	\$5,100.00
Vendor 827 - Uline, Inc									
156438176	Fy 22/23-CS-Office supplies for new Special Events Coord	Paid by Check #39284		11/14/2022	12/02/2022	12/02/2022	11/22/2022	12/02/2022	4,244.37
Vendor 827 - Uline, Inc Totals								Invoices 1	\$4,244.37
Vendor 1888 - Underwood, Charles									
Safety 2022	Safety 2022	Paid by Check #39410		11/30/2022	12/02/2022	12/02/2022		12/02/2022	150.00
Vendor 1888 - Underwood, Charles Totals								Invoices 1	\$150.00
Vendor 273 - US Bank									
487094120	November 2022	Paid by Check #39285		11/11/2022	12/02/2022	12/02/2022		12/02/2022	141.39
Vendor 273 - US Bank Totals								Invoices 1	\$141.39
Vendor 1702 - US Bank Corporate Payment System									
1829 11/11/22	Dustin	Paid by EFT #2202		11/11/2022	11/23/2022	11/23/2022		11/23/2022	440.80
3437 11/11/22	FD	Paid by EFT #2204		11/11/2022	11/23/2022	11/23/2022		11/23/2022	158.73
4210 11/11/22	Michelle	Paid by EFT #2203		11/11/2022	11/23/2022	11/23/2022		11/23/2022	1,207.60



Accounts Payable Invoice Report

Payment Date Range 11/19/22 - 12/02/22
Report By Vendor - Invoice
Summary Listing

Invoice Number	Invoice Description	Status	Held Reason	Invoice Date	Due Date	G/L Date	Received Date	Payment Date	Invoice Net Amount
6510 11/11/22	Joanne	Paid by EFT #2205		11/11/2022	11/23/2022	11/23/2022		11/23/2022	4,175.68
6604 11/11/22	Jordan	Paid by EFT #2206		11/11/2022	11/23/2022	11/23/2022		11/23/2022	462.01
Vendor 1702 - US Bank Corporate Payment System Totals						Invoices	5		\$6,444.82
Vendor 154 - USA Bluebook									
181558	WWTP SUPPLIES	Paid by Check #39286		11/17/2022	12/02/2022	12/02/2022		12/02/2022	215.20
182172	WWTP SUPPLIES	Paid by Check #39286		11/18/2022	12/02/2022	12/02/2022		12/02/2022	34.91
183894	WWTP SUPPLIES	Paid by Check #39286		11/21/2022	12/02/2022	12/02/2022		12/02/2022	105.01
Vendor 154 - USA Bluebook Totals						Invoices	3		\$355.12
Vendor 1682 - USA Shade & Fabric Structures									
1	Shade Structures Park Imp	Paid by Check #39287		10/31/2022	12/02/2022	12/02/2022		12/02/2022	28,235.00
2	Shade Structures Park Imp	Paid by Check #39287		11/01/2022	12/02/2022	12/02/2022		12/02/2022	65,755.00
Vendor 1682 - USA Shade & Fabric Structures Totals						Invoices	2		\$93,990.00
Vendor 201 - Valley Farm Services, Inc.									
26213	VALLEY FARM - REPAIRS TO U 06	Paid by Check #39288		10/13/2022	12/02/2022	12/02/2022		12/02/2022	6,145.03
Vendor 201 - Valley Farm Services, Inc. Totals						Invoices	1		\$6,145.03
Vendor 129 - Valley Industrial & Family Medical Group									
473489	Fy 22/23-Parks-DOT physical for J.Grijalva	Paid by Check #39289		11/13/2022	12/02/2022	12/02/2022	11/16/2022	12/02/2022	115.00
Vendor 129 - Valley Industrial & Family Medical Group Totals						Invoices	1		\$115.00
Vendor 1788 - Luis Vasquez									
Safety 2022	Safety 2022	Paid by Check #39411		11/30/2022	12/02/2022	12/02/2022		12/02/2022	10.00
Vendor 1788 - Luis Vasquez Totals						Invoices	1		\$10.00
Vendor 1889 - Vasquez, Sylvia									
Safety 2022	Safety 2022	Paid by Check #39412		11/30/2022	12/02/2022	12/02/2022		12/02/2022	160.00
Vendor 1889 - Vasquez, Sylvia Totals						Invoices	1		\$160.00
Vendor 1890 - Vazquez, Lesli									
Safety 2022	Safety 2022	Paid by Check #39413		11/30/2022	12/02/2022	12/02/2022		12/02/2022	20.00
Vendor 1890 - Vazquez, Lesli Totals						Invoices	1		\$20.00
Vendor 693 - Pablo Velazquez									
Safety 2022	Safety 2022	Paid by Check #39414		11/30/2022	12/02/2022	12/02/2022		12/02/2022	350.00
Vendor 693 - Pablo Velazquez Totals						Invoices	1		\$350.00
Vendor 354 - Verizon Wireless									
9920589345	Administration 10/15/22-11/14/22	Paid by Check #39292		11/14/2022	12/02/2022	12/02/2022		12/02/2022	127.02
9920589346	CM 10/15/22-11/14/22	Paid by Check #39293		11/14/2022	12/02/2022	12/02/2022		12/02/2022	129.61
9920488729	November 2022	Paid by Check #39290		11/12/2022	12/02/2022	12/02/2022		12/02/2022	336.35
9920015897	Acct# 972514922-00001	Paid by Check #39291		11/07/2022	12/02/2022	12/02/2022		12/02/2022	650.62



Accounts Payable Invoice Report

Payment Date Range 11/19/22 - 12/02/22
Report By Vendor - Invoice
Summary Listing

Invoice Number	Invoice Description	Status	Held Reason	Invoice Date	Due Date	G/L Date	Received Date	Payment Date	Invoice Net Amount
Vendor 354 - Verizon Wireless Totals				Invoices			4		\$1,243.60
Vendor 616 - Jordan Webster									
Safety 2022	Safety 2022	Paid by Check #39415		11/30/2022	12/02/2022	12/02/2022		12/02/2022	20.00
Vendor 616 - Jordan Webster Totals				Invoices			1		\$20.00
Vendor 807 - Western Alliance Bank									
42041/C 11/10/22	LOAN #04150142041-42041	Paid by Check #39294		11/10/2022	12/02/2022	12/02/2022		12/02/2022	308,531.21
Vendor 807 - Western Alliance Bank Totals				Invoices			1		\$308,531.21
Vendor 1871 - Western Pacific Signal									
29070	WESTERN - REPLACEMENT 2070 CONTROLLER	Paid by Check #39295		11/02/2022	12/02/2022	12/02/2022		12/02/2022	5,128.88
Vendor 1871 - Western Pacific Signal Totals				Invoices			1		\$5,128.88
Vendor 583 - Chad Widman									
Safety 2022	Safety 2022	Paid by Check #39416		11/30/2022	12/02/2022	12/02/2022		12/02/2022	30.00
Vendor 583 - Chad Widman Totals				Invoices			1		\$30.00
Vendor 962 - Willdan Financial Services									
010-52664	Comprehensive User Fee Study - 111195 September 2022	Paid by Check #39296		10/21/2022	12/02/2022	12/02/2022		12/02/2022	2,567.00
010-53037	Comprehensive User Fee Study - 111195 October 2022	Paid by Check #39296		11/23/2022	12/02/2022	12/02/2022		12/02/2022	750.00
010-52320	Utility Rate Study- Project 111216 August 2022	Paid by Check #39296		09/14/2022	12/02/2022	12/02/2022		12/02/2022	2,922.00
010-52665	Utility Rate Study- Project 111216 September 2022	Paid by Check #39296		10/21/2022	12/02/2022	12/02/2022		12/02/2022	1,250.00
Vendor 962 - Willdan Financial Services Totals				Invoices			4		\$7,489.00
Vendor 618 - Ryan Wilson									
Safety 2022	Safety 2022	Paid by Check #39417		11/30/2022	12/02/2022	12/02/2022		12/02/2022	310.00
Vendor 618 - Ryan Wilson Totals				Invoices			1		\$310.00
Vendor 584 - Christopher Zuniga									
Safety 2022	Safety 2022	Paid by Check #39418		11/30/2022	12/02/2022	12/02/2022		12/02/2022	330.00
Vendor 584 - Christopher Zuniga Totals				Invoices			1		\$330.00
Vendor LORENA CLOWER									
1739 BL REIM	Contractual	Paid by Check #39297		11/21/2022	12/02/2022	12/02/2022		12/02/2022	207.50
Vendor LORENA CLOWER Totals				Invoices			1		\$207.50
Vendor Rosa Medina									
Refund fees	Fy 22/23-Sports Prog-Refund on fees for L..Ortega	Paid by Check #39298		11/16/2022	12/02/2022	12/02/2022	11/16/2022	12/02/2022	47.00
Vendor Rosa Medina Totals				Invoices			1		\$47.00



Accounts Payable Invoice Report

Payment Date Range 11/19/22 - 12/02/22
Report By Vendor - Invoice
Summary Listing

Invoice Number	Invoice Description	Status	Held Reason	Invoice Date	Due Date	G/L Date	Received Date	Payment Date	Invoice Net Amount
				Grand Totals		Invoices	454		\$1,178,090.07



Accounts Payable Invoice Report

Payment Date Range 12/03/22 - 12/09/22
Report By Vendor - Invoice
Summary Listing

Invoice Number	Invoice Description	Status	Held Reason	Invoice Date	Due Date	G/L Date	Received Date	Payment Date	Invoice Net Amount
Vendor 1060 - A & E Industrial Cleaning Equipment Corp.									
45355	FLEET SUPPLIES	Paid by Check #39419		11/15/2022	12/09/2022	12/09/2022		12/09/2022	1,439.56
45356	Fleet Equipment & Supplies	Paid by Check #39419		11/15/2022	12/09/2022	12/09/2022		12/09/2022	1,294.33
45414	FLEET SUPPLIES	Paid by Check #39419		11/15/2022	12/09/2022	12/09/2022		12/09/2022	446.43
45422	FLEET SUPPLIES	Paid by Check #39419		11/15/2022	12/09/2022	12/09/2022		12/09/2022	132.76
Vendor 1060 - A & E Industrial Cleaning Equipment Corp. Totals							Invoices	4	\$3,313.08
Vendor 72 - A-C Electric Company									
VT0856-001	STREET SUPPLIES	Paid by Check #39420		08/18/2021	12/09/2022	12/09/2022		12/09/2022	364.00
Vendor 72 - A-C Electric Company Totals							Invoices	1	\$364.00
Vendor 263 - Advantek Benefit Administrators									
11/28/22	11/28/22	Paid by Check #39421		11/28/2022	12/09/2022	12/09/2022		12/09/2022	42,463.71
12/02/2022	12/02/22	Paid by Check #39421		12/02/2022	12/09/2022	12/09/2022		12/09/2022	42,588.66
Vendor 263 - Advantek Benefit Administrators Totals							Invoices	2	\$85,052.37
Vendor 1599 - Adventist Health Toxicology									
1786	PD - Toxicology Service	Paid by Check #39422		11/03/2022	12/09/2022	12/09/2022		12/09/2022	1,431.00
Vendor 1599 - Adventist Health Toxicology Totals							Invoices	1	\$1,431.00
Vendor 1720 - Agee Construction Corporation									
2022-10	CWM 2022-10	Paid by Check #39423		12/09/2022	12/09/2022	12/09/2022		12/09/2022	750.00
Vendor 1720 - Agee Construction Corporation Totals							Invoices	1	\$750.00
Vendor 1538 - American River Benefit Administrators									
#8461 1st Q 23	#8461 1st Q 2023	Paid by Check #39424		12/01/2022	12/09/2022	12/09/2022		12/09/2022	108.00
Vendor 1538 - American River Benefit Administrators Totals							Invoices	1	\$108.00
Vendor 20 - Ameritas Life Insurance									
12/1/22-12/31/22	010-007745-00000	Paid by Check #39425		11/15/2022	12/09/2022	12/09/2022		12/09/2022	22,499.92
Vendor 20 - Ameritas Life Insurance Totals							Invoices	1	\$22,499.92
Vendor 351 - Anthem Blue Cross									
000258489502	HARTLEY 919M97599 12/01/2022 -12/31/2022	Paid by Check #39426		11/05/2022	12/09/2022	12/09/2022		12/09/2022	92.00
000259485184	HARTLEY 925M97595 12/01/2022 -12/31/2022	Paid by Check #39427		11/07/2022	12/09/2022	12/09/2022		12/09/2022	241.77
000704498E	BILLING 12/01/2022 TO 01/01/2023	Paid by Check #39428		11/14/2022	12/09/2022	12/09/2022		12/09/2022	575.47
Vendor 351 - Anthem Blue Cross Totals							Invoices	3	\$909.24
Vendor 21 - Aramark Uniform Services Inc.									
5031096727	Fy 22/23-Parks-Uniforms for the week of 11/30/22	Paid by Check #39429		11/30/2022	12/09/2022	12/09/2022	12/01/2022	12/09/2022	50.88
Vendor 21 - Aramark Uniform Services Inc. Totals							Invoices	1	\$50.88



Accounts Payable Invoice Report

Payment Date Range 12/03/22 - 12/09/22
Report By Vendor - Invoice
Summary Listing

Invoice Number	Invoice Description	Status	Held Reason	Invoice Date	Due Date	G/L Date	Received Date	Payment Date	Invoice Net Amount
Vendor 17 - AT&T									
939105474312/22	Telephone 11/02/22-12/01/22	Paid by Check #39433		12/02/2022	12/09/2022	12/09/2022		12/09/2022	70.54
9391054469 11/22	PD -10/11/2022 - 11/10/2022 Billing Charges	Paid by Check #39431		11/11/2022	12/09/2022	12/09/2022		12/09/2022	21.67
9391054740 11/22	PD - 10/11/2022 - 11/10/2022 Billing Charges	Paid by Check #39432		11/11/2022	12/09/2022	12/09/2022		12/09/2022	272.50
9391054736 11/22	PD - 10/20/2022 - 11/19/2022 Billing Charges	Paid by Check #39430		11/20/2022	12/09/2022	12/09/2022		12/09/2022	141.11
Vendor 17 - AT&T Totals							Invoices	4	\$505.82
Vendor 1044 - AutoZone, Inc.									
2833875930	PD-Sgt Patrol Vehicle headlight bulbs	Paid by Check #39434		11/27/2022	12/09/2022	12/09/2022		12/09/2022	46.09
Vendor 1044 - AutoZone, Inc. Totals							Invoices	1	\$46.09
Vendor 861 - Axon Enterprise, Inc.									
INUS116272	PD - Range/Armory Supplies - Taser Batteries	Paid by Check #39435		11/16/2022	12/09/2022	12/09/2022		12/09/2022	429.82
Vendor 861 - Axon Enterprise, Inc. Totals							Invoices	1	\$429.82
Vendor 65 - Banner Pest Control									
208420	PD - Downtown Removal of Pigeons	Paid by Check #39436		11/02/2022	12/09/2022	12/09/2022		12/09/2022	75.00
208646	PD - Downtown Removal of Pigeons	Paid by Check #39436		11/15/2022	12/09/2022	12/09/2022		12/09/2022	75.00
Vendor 65 - Banner Pest Control Totals							Invoices	2	\$150.00
Vendor 668 - Steve Barron									
15 years	Service Awards 2022	Paid by Check #39437		12/06/2022	12/09/2022	12/09/2022		12/09/2022	150.00
Vendor 668 - Steve Barron Totals							Invoices	1	\$150.00
Vendor 779 - California Dept. of Public Health									
CLR 00323803 23	Dinuba City Lab Fees 2023	Paid by Check #39438		10/15/2021	12/09/2022	12/09/2022		12/09/2022	141.00
Vendor 779 - California Dept. of Public Health Totals							Invoices	1	\$141.00
Vendor 118 - California Parks & Recreation Society									
130337 2023	Fy 22/23-CPRS membership renewal for J.Grijalva	Paid by Check #39439		11/17/2022	12/09/2022	12/09/2022	11/21/2022	12/09/2022	165.00
Vendor 118 - California Parks & Recreation Society Totals							Invoices	1	\$165.00
Vendor 563 - John Carrillo									
12/05/2022	Anthem Reimb 12/01/2022-12/31/2022	Paid by Check #39440		12/05/2022	12/09/2022	12/09/2022		12/09/2022	203.38
Vendor 563 - John Carrillo Totals							Invoices	1	\$203.38
Vendor 305 - Cartozian Air Conditioning and Heating Inc.									



Accounts Payable Invoice Report

Payment Date Range 12/03/22 - 12/09/22
Report By Vendor - Invoice
Summary Listing

Invoice Number	Invoice Description	Status	Held Reason	Invoice Date	Due Date	G/L Date	Received Date	Payment Date	Invoice Net Amount
18652	CH Seasonal Service 11/4/2022	Paid by Check #39441		11/04/2022	12/09/2022	12/09/2022		12/09/2022	650.00
18673	2022 Heating Maintenance	Paid by Check #39441		11/08/2022	12/09/2022	12/09/2022		12/09/2022	625.00
18657	SEASONAL MAINTENANCE PW	Paid by Check #39441		11/07/2022	12/09/2022	12/09/2022		12/09/2022	575.00
Vendor 305 - Cartozian Air Conditioning and Heating Inc. Totals									
Invoices									3
									<u>\$1,850.00</u>
Vendor 333 - Cintas Corporation No. 2									
4136209211	Contractual	Paid by Check #39442		11/02/2022	12/09/2022	12/09/2022		12/09/2022	244.39
4136209299	Contractual	Paid by Check #39442		11/02/2022	12/09/2022	12/09/2022		12/09/2022	21.16
4136209319	Contractual	Paid by Check #39442		11/02/2022	12/09/2022	12/09/2022		12/09/2022	179.45
4136209381	Contractual	Paid by Check #39442		11/02/2022	12/09/2022	12/09/2022		12/09/2022	92.08
4136209410	Contractual	Paid by Check #39442		11/02/2022	12/09/2022	12/09/2022		12/09/2022	87.38
4136209593	Contractual	Paid by Check #39442		11/02/2022	12/09/2022	12/09/2022		12/09/2022	221.20
4136353547	Contractual	Paid by Check #39442		11/03/2022	12/09/2022	12/09/2022		12/09/2022	144.85
4136353557	Contractual	Paid by Check #39442		11/03/2022	12/09/2022	12/09/2022		12/09/2022	124.35
4136353743	Contractual	Paid by Check #39442		11/03/2022	12/09/2022	12/09/2022		12/09/2022	705.86
4136900505	Contractual	Paid by Check #39442		11/09/2022	12/09/2022	12/09/2022		12/09/2022	57.99
4136900536	Contractual	Paid by Check #39442		11/09/2022	12/09/2022	12/09/2022		12/09/2022	225.59
4136900633	Contractual	Paid by Check #39442		11/09/2022	12/09/2022	12/09/2022		12/09/2022	92.08
4136900786	Contractual	Paid by Check #39442		11/09/2022	12/09/2022	12/09/2022		12/09/2022	221.20
4137055840	Contractual	Paid by Check #39442		11/10/2022	12/09/2022	12/09/2022		12/09/2022	124.35
4137055855	Contractual	Paid by Check #39442		11/10/2022	12/09/2022	12/09/2022		12/09/2022	144.85
4137055950	Contractual	Paid by Check #39442		11/10/2022	12/09/2022	12/09/2022		12/09/2022	773.22
4137679536	Contractual	Paid by Check #39442		11/16/2022	12/09/2022	12/09/2022		12/09/2022	21.16
4137679546	Contractual	Paid by Check #39442		11/16/2022	12/09/2022	12/09/2022		12/09/2022	264.68
4137679575	Contractual	Paid by Check #39442		11/16/2022	12/09/2022	12/09/2022		12/09/2022	191.38
4137679599	Contractual	Paid by Check #39442		11/16/2022	12/09/2022	12/09/2022		12/09/2022	147.34
4137679624	Contractual	Paid by Check #39442		11/16/2022	12/09/2022	12/09/2022		12/09/2022	161.24
4137679744	Contractual	Paid by Check #39442		11/16/2022	12/09/2022	12/09/2022		12/09/2022	221.39
4137807235	Contractual	Paid by Check #39442		11/17/2022	12/09/2022	12/09/2022		12/09/2022	124.35
4137807284	Contractual	Paid by Check #39442		11/17/2022	12/09/2022	12/09/2022		12/09/2022	145.20
4137807580	Contractual	Paid by Check #39442		11/17/2022	12/09/2022	12/09/2022		12/09/2022	765.96
4138345929	Contractual	Paid by Check #39442		11/21/2022	12/09/2022	12/09/2022		12/09/2022	57.99
4138345968	Contractual	Paid by Check #39442		11/21/2022	12/09/2022	12/09/2022		12/09/2022	225.59
4138345971	Contractual	Paid by Check #39442		11/21/2022	12/09/2022	12/09/2022		12/09/2022	116.18
4138346156	Contractual	Paid by Check #39442		11/21/2022	12/09/2022	12/09/2022		12/09/2022	309.17
4138465481	Contractual	Paid by Check #39442		11/23/2022	12/09/2022	12/09/2022		12/09/2022	124.35
4138465631	Contractual	Paid by Check #39442		11/23/2022	12/09/2022	12/09/2022		12/09/2022	780.43
4138966807	Contractual	Paid by Check #39442		11/30/2022	12/09/2022	12/09/2022		12/09/2022	21.16
4138966830	Contractual	Paid by Check #39442		11/30/2022	12/09/2022	12/09/2022		12/09/2022	89.42
4138966842	Contractual	Paid by Check #39442		11/30/2022	12/09/2022	12/09/2022		12/09/2022	244.39
4138966858	Contractual	Paid by Check #39442		11/30/2022	12/09/2022	12/09/2022		12/09/2022	236.30
4138966883	Contractual	Paid by Check #39442		11/30/2022	12/09/2022	12/09/2022		12/09/2022	92.08



Accounts Payable Invoice Report

Payment Date Range 12/03/22 - 12/09/22
Report By Vendor - Invoice
Summary Listing

Invoice Number	Invoice Description	Status	Held Reason	Invoice Date	Due Date	G/L Date	Received Date	Payment Date	Invoice Net Amount
4138967018	Contractual	Paid by Check #39442		11/30/2022	12/09/2022	12/09/2022		12/09/2022	221.20
4138465537	Contractual	Paid by Check #39442		12/23/2022	12/09/2022	12/09/2022		12/09/2022	144.85
Vendor 333 - Cintas Corporation No. 2 Totals						Invoices	38		\$8,165.81
Vendor 1419 - Collins & Schoettler Planning Consultant, Inc.									
1348	Zoning Ordinance Update November 2022	Paid by Check #39443		12/05/2022	12/09/2022	12/09/2022		12/09/2022	1,200.00
Vendor 1419 - Collins & Schoettler Planning Consultant, Inc. Totals						Invoices	1		\$1,200.00
Vendor 170 - Comcast									
0002177	11/27/22 1390 E ELIZABETH WAY 12/01/22 -12/31/22	Paid by Check #39445		11/27/2022	12/09/2022	12/09/2022		12/09/2022	91.60
0136611	11/26/22 PD - 12/01/2022 - 12/31/2022 Billing Charges	Paid by Check #39444		11/26/2022	12/09/2022	12/09/2022		12/09/2022	44.90
0181138	11/27/22 180 W MERCED ST 12/02/22-01/01/23	Paid by Check #39446		11/27/2022	12/09/2022	12/09/2022		12/09/2022	505.88
Vendor 170 - Comcast Totals						Invoices	3		\$642.38
Vendor 1273 - Cook's Communications Corp.									
152522	BC 32 Vehicle	Paid by Check #39447		11/03/2022	12/09/2022	12/09/2022		12/09/2022	172.76
Vendor 1273 - Cook's Communications Corp. Totals						Invoices	1		\$172.76
Vendor 232 - Courier Printing and Village Printer									
C26487	PD - Business Cards / Chief Iriarte & LT Trevino	Paid by Check #39448		11/23/2022	12/09/2022	12/09/2022		12/09/2022	189.88
Vendor 232 - Courier Printing and Village Printer Totals						Invoices	1		\$189.88
Vendor 1891 - Mario Cruz									
169074	Fy 22/23-Entertainment for Employ Xmas Luncheon 12/14/22	Paid by Check #39449		12/02/2022	12/09/2022	12/09/2022	12/02/2022	12/09/2022	250.00
Vendor 1891 - Mario Cruz Totals						Invoices	1		\$250.00
Vendor 1582 - Dell Financial Services LLC									
2304761	SERVER 01/01/23-01/31/23	Paid by Check #39450		12/01/2022	12/09/2022	12/09/2022		12/09/2022	2,947.71
Vendor 1582 - Dell Financial Services LLC Totals						Invoices	1		\$2,947.71
Vendor 280 - Entersect									
1122EP31191	PD - November 2022 Agreement	Paid by Check #39451		11/30/2022	12/09/2022	12/09/2022		12/09/2022	100.00
Vendor 280 - Entersect Totals						Invoices	1		\$100.00
Vendor 1591 - Environment Control									
7053-299INV	PD - Carpet Extraction / Scrub Tile	Paid by Check #39452		11/30/2022	12/09/2022	12/09/2022		12/09/2022	1,280.00
Vendor 1591 - Environment Control Totals						Invoices	1		\$1,280.00
Vendor 712 - GLS US									



Accounts Payable Invoice Report

Payment Date Range 12/03/22 - 12/09/22
Report By Vendor - Invoice
Summary Listing

Invoice Number	Invoice Description	Status	Held Reason	Invoice Date	Due Date	G/L Date	Received Date	Payment Date	Invoice Net Amount
4878159	POSTAGE	Paid by Check #39453		11/13/2022	12/09/2022	12/09/2022		12/09/2022	10.73
4884488	POSTAGE	Paid by Check #39453		11/20/2022	12/09/2022	12/09/2022		12/09/2022	19.86
Vendor 712 - GLS US Totals						Invoices	2		\$30.59
Vendor 1490 - Jorge Gonzalez									
PD10262022	PD - COPS Activities - Supplies Reimbursement	Paid by Check #39454		10/26/2022	12/02/2022	12/02/2022		12/09/2022	70.68
Vendor 1490 - Jorge Gonzalez Totals						Invoices	1		\$70.68
Vendor 677 - Juan C Gonzalez									
Safety 2022B	Safety 2022	Paid by Check #39456		12/05/2022	12/09/2022	12/09/2022		12/09/2022	150.00
10 Years	Service Awards 2022	Paid by Check #39455		12/06/2022	12/09/2022	12/09/2022		12/09/2022	100.00
Vendor 677 - Juan C Gonzalez Totals						Invoices	2		\$250.00
Vendor 605 - Frank Guerra									
12/05/2022	Anthem Reimb 11/01/2022-12/31/2022	Paid by Check #39457		12/05/2022	12/09/2022	12/09/2022		12/09/2022	456.76
Vendor 605 - Frank Guerra Totals						Invoices	1		\$456.76
Vendor 1431 - Patricia Hartman									
11/30/2022	Anthem Reimb 12/01/2022-02/28/2023	Paid by Check #39458		11/30/2022	12/09/2022	12/09/2022		12/09/2022	704.54
Vendor 1431 - Patricia Hartman Totals						Invoices	1		\$704.54
Vendor 174 - Howard's Pest Control									
110203	December 2022	Paid by Check #39459		12/05/2022	12/09/2022	12/09/2022		12/09/2022	93.00
110197	FY 22/23- Sportsplex -Pest Control	Paid by Check #39459		12/05/2022	12/09/2022	12/09/2022	12/05/2022	12/09/2022	117.00
110204	FY 22/23- Parks - Pest Control	Paid by Check #39459		12/05/2022	12/09/2022	12/09/2022	12/05/2022	12/09/2022	75.00
110198	Dinuba Transit Center- 180 W Merced St (Acct #: 27335)	Paid by Check #39459		12/05/2022	12/09/2022	12/09/2022		12/09/2022	75.00
Vendor 174 - Howard's Pest Control Totals						Invoices	4		\$360.00
Vendor 565 - Stephanie Hurtado									
10 Years	Service Awards 2022	Paid by Check #39460		12/06/2022	12/09/2022	12/09/2022		12/09/2022	100.00
Vendor 565 - Stephanie Hurtado Totals						Invoices	1		\$100.00
Vendor 1721 - Image 2000									
566008	8/17-11/16/22	Paid by Check #39461		11/30/2022	12/09/2022	12/09/2022		12/09/2022	386.38
Vendor 1721 - Image 2000 Totals						Invoices	1		\$386.38
Vendor 208 - Interwest Consulting Group Inc.									
82977	OUT SOURCE PLAN CHECK NIEBLAS 2022-422	Paid by Check #39462		11/10/2022	12/09/2022	12/09/2022		12/09/2022	156.25
Vendor 208 - Interwest Consulting Group Inc. Totals						Invoices	1		\$156.25



Accounts Payable Invoice Report

Payment Date Range 12/03/22 - 12/09/22
Report By Vendor - Invoice
Summary Listing

Invoice Number	Invoice Description	Status	Held Reason	Invoice Date	Due Date	G/L Date	Received Date	Payment Date	Invoice Net Amount
Vendor 560 - Daniel James									
10 Years	Service Awards 2022	Paid by Check #39463		12/06/2022	12/09/2022	12/09/2022		12/09/2022	100.00
			Vendor 560 - Daniel James Totals			Invoices	1		<u>\$100.00</u>
Vendor 1718 - JCL Company, LLC									
CEP31003400	FLEET TOOLS	Paid by Check #39464		11/21/2022	12/09/2022	12/09/2022		12/09/2022	275.05
CEP31108580	FLEET TOOLS	Paid by Check #39464		11/30/2022	12/09/2022	12/09/2022		12/09/2022	320.08
			Vendor 1718 - JCL Company, LLC Totals			Invoices	2		<u>\$595.13</u>
Vendor 440 - Johnson Controls Security Solutions									
89347705	PD - Fire Sprinkler Service / Labor	Paid by Check #39465		11/29/2022	12/09/2022	12/09/2022		12/09/2022	462.17
89347706	PD - Fire Sprinkler Service / Labor	Paid by Check #39465		11/29/2022	12/09/2022	12/09/2022		12/09/2022	185.00
			Vendor 440 - Johnson Controls Security Solutions Totals			Invoices	2		<u>\$647.17</u>
Vendor 5 - Jorgensen & Co.									
6038219	PD - Fire Extinguisher Service	Paid by Check #39466		11/23/2022	12/09/2022	12/09/2022		12/09/2022	60.00
			Vendor 5 - Jorgensen & Co. Totals			Invoices	1		<u>\$60.00</u>
Vendor 318 - Kingsburg Veterinary Clinic									
646590	PD - Veterinary Services	Paid by Check #39467		11/23/2022	12/09/2022	12/09/2022		12/09/2022	230.00
			Vendor 318 - Kingsburg Veterinary Clinic Totals			Invoices	1		<u>\$230.00</u>
Vendor 449 - Les Schwab Tire Centers of Central California									
55100298079	Bus 12, Replaced right rear tires	Paid by Check #39468		12/01/2022	12/09/2022	12/09/2022		12/09/2022	518.86
			Vendor 449 - Les Schwab Tire Centers of Central California Totals			Invoices	1		<u>\$518.86</u>
Vendor 641 - Gabriel Loreda									
15 Years	Service Awards 2022	Paid by Check #39469		12/06/2022	12/09/2022	12/09/2022		12/09/2022	150.00
			Vendor 641 - Gabriel Loreda Totals			Invoices	1		<u>\$150.00</u>
Vendor 1457 - LSL CPA's									
54050	Professional Services -2022 Governmental Audit	Paid by Check #39470		11/30/2022	12/09/2022	12/09/2022		12/09/2022	30,520.00
			Vendor 1457 - LSL CPA's Totals			Invoices	1		<u>\$30,520.00</u>
Vendor 608 - Jesse Martin									
Safety 2022B	Safety 2022	Paid by Check #39472		12/05/2022	12/09/2022	12/09/2022		12/09/2022	75.00
EMT Reimb 2022	Reimbursement	Paid by Check #39471		12/05/2022	12/09/2022	12/09/2022		12/09/2022	82.00
			Vendor 608 - Jesse Martin Totals			Invoices	2		<u>\$157.00</u>
Vendor 1723 - Matson Alarm Co, Inc.									
372704	Fy 22/23-Sportsplex-Alarm services for the sportsplex	Paid by Check #39473		11/30/2022	12/09/2022	12/09/2022	11/30/2022	12/09/2022	232.50
			Vendor 1723 - Matson Alarm Co, Inc. Totals			Invoices	1		<u>\$232.50</u>



Accounts Payable Invoice Report

Payment Date Range 12/03/22 - 12/09/22
Report By Vendor - Invoice
Summary Listing

Invoice Number	Invoice Description	Status	Held Reason	Invoice Date	Due Date	G/L Date	Received Date	Payment Date	Invoice Net Amount
Vendor 1655 - Medline Industries, Inc.									
2241239886	Supplies	Paid by Check #39474		11/29/2022	12/09/2022	12/09/2022		12/09/2022	871.84
		Vendor 1655 - Medline Industries, Inc. Totals				Invoices	1		\$871.84
Vendor 160 - Mid Valley Publishing Inc.									
#0012711 2023	Acct #0012711 Renewal	Paid by Check #39475		11/23/2022	12/09/2022	12/09/2022		12/09/2022	30.00
		Vendor 160 - Mid Valley Publishing Inc. Totals				Invoices	1		\$30.00
Vendor 271 - Modern Marketing Inc.									
MMI148668	PD - Shield Shaped Stickers	Paid by Check #39476		11/16/2022	12/09/2022	12/09/2022		12/09/2022	1,623.20
		Vendor 271 - Modern Marketing Inc. Totals				Invoices	1		\$1,623.20
Vendor 884 - Napa Auto Parts									
63954	Vehicles	Paid by Check #39477		11/01/2022	12/09/2022	12/09/2022		12/09/2022	8.24
63967	Vehicles	Paid by Check #39477		11/01/2022	12/09/2022	12/09/2022		12/09/2022	(418.38)
63968	Vehicles	Paid by Check #39477		11/01/2022	12/09/2022	12/09/2022		12/09/2022	(33.62)
63969	Vehicles	Paid by Check #39477		11/01/2022	12/09/2022	12/09/2022		12/09/2022	(89.51)
64363	Vehicles	Paid by Check #39477		11/07/2022	12/09/2022	12/09/2022		12/09/2022	105.33
64424	Vehicles	Paid by Check #39477		11/08/2022	12/09/2022	12/09/2022		12/09/2022	51.01
64453	Vehicles	Paid by Check #39477		11/08/2022	12/09/2022	12/09/2022		12/09/2022	139.14
64505	Vehicles	Paid by Check #39477		11/09/2022	12/09/2022	12/09/2022		12/09/2022	79.70
64538	Vehicles	Paid by Check #39477		11/09/2022	12/09/2022	12/09/2022		12/09/2022	75.94
64564	Vehicles	Paid by Check #39477		11/10/2022	12/09/2022	12/09/2022		12/09/2022	574.46
64781	Vehicles	Paid by Check #39477		11/14/2022	12/09/2022	12/09/2022		12/09/2022	313.32
64794	Vehicles	Paid by Check #39477		11/14/2022	12/09/2022	12/09/2022		12/09/2022	7.73
64887	Vehicles	Paid by Check #39477		11/15/2022	12/09/2022	12/09/2022		12/09/2022	(65.59)
64889	Vehicles	Paid by Check #39477		11/15/2022	12/09/2022	12/09/2022		12/09/2022	(89.51)
64891	Vehicles	Paid by Check #39477		11/15/2022	12/09/2022	12/09/2022		12/09/2022	11.92
65113	Vehicles	Paid by Check #39477		11/18/2022	12/09/2022	12/09/2022		12/09/2022	696.18
		Vendor 884 - Napa Auto Parts Totals				Invoices	16		\$1,366.36
Vendor 1754 - Navia Benefits Solutions									
10537850	202201 - Sec. 125 Participant Fee 11/22	Paid by Check #39478		11/29/2022	12/09/2022	12/09/2022		12/09/2022	312.00
		Vendor 1754 - Navia Benefits Solutions Totals				Invoices	1		\$312.00
Vendor 392 - O'Reilly Auto Parts									
3641-490137	Vehicles	Paid by Check #39479		10/31/2022	12/09/2022	12/09/2022		12/09/2022	339.53
3641-490175	Vehicles	Paid by Check #39479		10/31/2022	12/09/2022	12/09/2022		12/09/2022	17.34
3641-490177	Vehicles	Paid by Check #39479		10/31/2022	12/09/2022	12/09/2022		12/09/2022	(44.00)
3641-490299	Vehicles	Paid by Check #39479		10/31/2022	12/09/2022	12/09/2022		12/09/2022	11.98
3641-490310	Vehicles	Paid by Check #39479		11/01/2022	12/09/2022	12/09/2022		12/09/2022	23.25
3641-490311	Vehicles	Paid by Check #39479		11/01/2022	12/09/2022	12/09/2022		12/09/2022	11.39



Accounts Payable Invoice Report

Payment Date Range 12/03/22 - 12/09/22
Report By Vendor - Invoice
Summary Listing

Invoice Number	Invoice Description	Status	Held Reason	Invoice Date	Due Date	G/L Date	Received Date	Payment Date	Invoice Net Amount
3641-490312	Vehicles	Paid by Check #39479		11/01/2022	12/09/2022	12/09/2022		12/09/2022	119.24
3641-490516	Vehicles	Paid by Check #39479		11/02/2022	12/09/2022	12/09/2022		12/09/2022	169.76
3641-490517	Vehicles	Paid by Check #39479		11/02/2022	12/09/2022	12/09/2022		12/09/2022	(22.00)
3641-490563	Vehicles	Paid by Check #39479		11/02/2022	12/09/2022	12/09/2022		12/09/2022	12.59
3641-490575	Vehicles	Paid by Check #39479		11/02/2022	12/09/2022	12/09/2022		12/09/2022	10.98
3641-490638	Vehicles	Paid by Check #39479		11/02/2022	12/09/2022	12/09/2022		12/09/2022	116.07
3641-490769	Vehicles	Paid by Check #39479		11/03/2022	12/09/2022	12/09/2022		12/09/2022	637.18
3641-490818	Vehicles	Paid by Check #39479		11/03/2022	12/09/2022	12/09/2022		12/09/2022	17.35
3641-490905	Vehicles	Paid by Check #39479		11/04/2022	12/09/2022	12/09/2022		12/09/2022	50.12
3641-490906	Vehicles	Paid by Check #39479		11/04/2022	12/09/2022	12/09/2022		12/09/2022	27.30
3641-490910	Vehicles	Paid by Check #39479		11/04/2022	12/09/2022	12/09/2022		12/09/2022	51.54
3641-491010	Vehicles	Paid by Check #39479		11/04/2022	12/09/2022	12/09/2022		12/09/2022	11.92
3641-491036	Vehicles	Paid by Check #39479		11/04/2022	12/09/2022	12/09/2022		12/09/2022	(66.00)
3641-491523	Vehicles	Paid by Check #39479		11/07/2022	12/09/2022	12/09/2022		12/09/2022	160.24
3641-491758	Vehicles	Paid by Check #39479		11/08/2022	12/09/2022	12/09/2022		12/09/2022	54.20
3641-491811	Vehicles	Paid by Check #39479		11/08/2022	12/09/2022	12/09/2022		12/09/2022	5.74
3641-492078	Vehicles	Paid by Check #39479		11/10/2022	12/09/2022	12/09/2022		12/09/2022	196.15
3641-492115	Vehicles	Paid by Check #39479		11/10/2022	12/09/2022	12/09/2022		12/09/2022	31.50
3641-492831	Vehicles	Paid by Check #39479		11/14/2022	12/09/2022	12/09/2022		12/09/2022	75.45
3641-492924	Vehicles	Paid by Check #39479		11/14/2022	12/09/2022	12/09/2022		12/09/2022	41.53
3641-493047	Vehicles	Paid by Check #39479		11/15/2022	12/09/2022	12/09/2022		12/09/2022	19.44
3641-493080	Vehicles	Paid by Check #39479		11/15/2022	12/09/2022	12/09/2022		12/09/2022	6.44
3641-493097	Vehicles	Paid by Check #39479		11/15/2022	12/09/2022	12/09/2022		12/09/2022	(39.17)
3641-493098	Vehicles	Paid by Check #39479		11/15/2022	12/09/2022	12/09/2022		12/09/2022	(17.35)
3641-493100	Vehicles	Paid by Check #39479		11/15/2022	12/09/2022	12/09/2022		12/09/2022	1,128.36
3641-493101	Vehicles	Paid by Check #39479		11/15/2022	12/09/2022	12/09/2022		12/09/2022	(12.99)
3641-493212	Vehicles	Paid by Check #39479		11/16/2022	12/09/2022	12/09/2022		12/09/2022	3.23
3641-493310	Vehicles	Paid by Check #39479		11/16/2022	12/09/2022	12/09/2022		12/09/2022	44.33
3641-493394	Vehicles	Paid by Check #39479		11/17/2022	12/09/2022	12/09/2022		12/09/2022	259.36
EB11807601	Vehicles	Paid by Check #39479		11/22/2022	12/09/2022	12/09/2022		12/09/2022	17.45
EB12071341	Vehicles	Paid by Check #39479		11/22/2022	12/09/2022	12/09/2022		12/09/2022	(8.43)
EB12396751	Vehicles	Paid by Check #39479		11/23/2022	12/09/2022	12/09/2022		12/09/2022	(43.84)
			Vendor	392 - O'Reilly Auto Parts Totals			Invoices	38	\$3,417.18
Vendor 142 - Office Depot BSD									
277539161001	HR Office Supplies	Paid by Check #39480		11/11/2022	12/09/2022	12/09/2022		12/09/2022	32.54
277539162001	HR Office Supplies	Paid by Check #39480		11/11/2022	12/09/2022	12/09/2022		12/09/2022	19.52
277515850001	HR Office Supplies	Paid by Check #39480		11/14/2022	12/09/2022	12/09/2022		12/09/2022	45.71
276554668002	PD - Supplies	Paid by Check #39480		11/08/2022	12/09/2022	12/09/2022		12/09/2022	70.96
277408374001	PD - Supplies	Paid by Check #39480		11/17/2022	12/09/2022	12/09/2022		12/09/2022	177.59
			Vendor	142 - Office Depot BSD Totals			Invoices	5	\$346.32



Accounts Payable Invoice Report

Payment Date Range 12/03/22 - 12/09/22
Report By Vendor - Invoice
Summary Listing

Invoice Number	Invoice Description	Status	Held Reason	Invoice Date	Due Date	G/L Date	Received Date	Payment Date	Invoice Net Amount
Vendor 1773 - Pace Supply Corp.									
198170760	WATER DEPT SUPPLIES	Paid by Check #39481		11/10/2022	12/09/2022	12/09/2022		12/09/2022	614.06
198170760-1	WATER DEPT SUPPLIES	Paid by Check #39481		11/15/2022	12/09/2022	12/09/2022		12/09/2022	413.47
Vendor 1773 - Pace Supply Corp. Totals							Invoices	2	\$1,027.53
Vendor 76 - Pacific Gas & Electric									
0021138281711/22	765 W NEBRASKA AVE 10/28/22-11/29/22	Paid by Check #39484		11/30/2022	12/09/2022	12/09/2022		12/09/2022	14.02
9001498229311/22	405 E El Monte Way 10/27/22-11/28/22	Paid by Check #39485		11/30/2022	12/09/2022	12/09/2022		12/09/2022	798.20
1594680195611/22	Parks 855 E EL MONTE WAY 10/26/22-11/27/22	Paid by Check #39482		11/28/2022	12/09/2022	12/09/2022		12/09/2022	369.17
9825087728311/22	595 W NEBRASKA AVE 10/28/22-11/29/22	Paid by Check #39486		11/30/2022	12/09/2022	12/09/2022		12/09/2022	42.12
6402990649811/22	PD - 10/18/2022 - 11/16/2022 Billing Charges	Paid by Check #39483		11/17/2022	12/09/2022	12/09/2022		12/09/2022	69.40
Vendor 76 - Pacific Gas & Electric Totals							Invoices	5	\$1,292.91
Vendor 1802 - PNC Bank, National Association									
12/01/2022	010 610289607 36603618	Paid by Check #39487		12/01/2022	12/09/2022	12/09/2022		12/09/2022	63,052.48
Vendor 1802 - PNC Bank, National Association Totals							Invoices	1	\$63,052.48
Vendor 349 - RES COM Pest Control									
2073642	PD - Dog Kennels Pest Control Service	Paid by Check #39488		11/17/2022	12/09/2022	12/09/2022		12/09/2022	48.00
Vendor 349 - RES COM Pest Control Totals							Invoices	1	\$48.00
Vendor 655 - John Rivas									
15 Years	Service Awards 2022	Paid by Check #39489		12/06/2022	12/09/2022	12/09/2022		12/09/2022	150.00
Vendor 655 - John Rivas Totals							Invoices	1	\$150.00
Vendor 1666 - Sig Sauer, Inc.									
7166495	PD - Sig Sauer Training / George Ayala	Paid by Check #39490		12/02/2022	12/09/2022	12/09/2022		12/09/2022	812.00
7166500	PD - Sig Sauer Training / Ubaldo DeHaro	Paid by Check #39490		12/02/2022	12/09/2022	12/09/2022		12/09/2022	812.00
7166520	PD - Sig Sauer Training / Russell Son	Paid by Check #39490		12/02/2022	12/09/2022	12/09/2022		12/09/2022	280.00
Vendor 1666 - Sig Sauer, Inc. Totals							Invoices	3	\$1,904.00
Vendor 1859 - Simplot Grower Solutions, Simplot Partners, Simplot									
223013360	STREET SUPPLIES	Paid by Check #39491		10/28/2022	12/09/2022	12/09/2022		12/09/2022	2,104.40
223013361	STREET SUPPLIES	Paid by Check #39491		10/28/2022	12/09/2022	12/09/2022		12/09/2022	3,774.37
Vendor 1859 - Simplot Grower Solutions, Simplot Partners, Simplot Totals							Invoices	2	\$5,878.77
Vendor 431 - Sparkletts									



Accounts Payable Invoice Report

Payment Date Range 12/03/22 - 12/09/22
Report By Vendor - Invoice
Summary Listing

Invoice Number	Invoice Description	Status	Held Reason	Invoice Date	Due Date	G/L Date	Received Date	Payment Date	Invoice Net Amount
9406519 120122	FY 22/23-Multiple divisions - Bottled water service	Paid by Check #39492		12/01/2022	12/09/2022	12/09/2022	12/05/2022	12/09/2022	174.81
			Vendor 431 - Sparkletts	Totals		Invoices	1		\$174.81
Vendor 247 - State Center Community College District									
16998358	PD - POST Supervisor Course / Marcos Nunez	Paid by Check #39493		11/16/2022	12/09/2022	12/09/2022		12/09/2022	302.00
			Vendor 247 - State Center Community College District	Totals		Invoices	1		\$302.00
Vendor 121 - State of California									
2301E54407	1976 California Safe Drinking Water Bond	Paid by Check #39494		12/01/2022	12/09/2022	12/09/2022		12/09/2022	54,707.24
			Vendor 121 - State of California	Totals		Invoices	1		\$54,707.24
Vendor 189 - Terminix International									
426919132	PD - Pest Control Service	Paid by Check #39495		11/09/2022	12/09/2022	12/09/2022		12/09/2022	64.00
			Vendor 189 - Terminix International	Totals		Invoices	1		\$64.00
Vendor 1778 - TKE Engineering									
2022-5043	175-01 Dinuba Successor Agency-General Services 10/1/21-07/31/22	Paid by Check #39496		09/12/2022	12/09/2022	12/09/2022		12/09/2022	832.50
2022-5063	175-01 Dinuba Successor Agency-General Services 10/1/22-10/31/22	Paid by Check #39496		11/15/2022	12/09/2022	12/09/2022		12/09/2022	4,420.00
			Vendor 1778 - TKE Engineering	Totals		Invoices	2		\$5,252.50
Vendor 717 - TMI Research Services									
CITYOD 22-11-30	SERVICE MONTH NOVEMBER 2022	Paid by Check #39497		11/30/2022	12/09/2022	12/09/2022		12/09/2022	190.00
			Vendor 717 - TMI Research Services	Totals		Invoices	1		\$190.00
Vendor 311 - Top Dog Training Center									
1629	PD - K9 Maintenance Training / Enzo & Zeus	Paid by Check #39498		11/24/2022	12/09/2022	12/09/2022		12/09/2022	180.00
			Vendor 311 - Top Dog Training Center	Totals		Invoices	1		\$180.00
Vendor 329 - Townsend Public Affairs									
19233	CONSULTING DECEMBER 2022	Paid by Check #39499		12/01/2022	12/09/2022	12/09/2022		12/09/2022	5,000.00
			Vendor 329 - Townsend Public Affairs	Totals		Invoices	1		\$5,000.00
Vendor 1633 - Toyota Industries Commercial Finance, Inc.									
4003667807	POLARIS LEASE PAYMENT	Paid by Check #39500		11/28/2022	12/09/2022	12/09/2022		12/09/2022	296.74
			Vendor 1633 - Toyota Industries Commercial Finance, Inc.	Totals		Invoices	1		\$296.74
Vendor 49 - Tulare County									



Accounts Payable Invoice Report

Payment Date Range 12/03/22 - 12/09/22
Report By Vendor - Invoice
Summary Listing

Invoice Number	Invoice Description	Status	Held Reason	Invoice Date	Due Date	G/L Date	Received Date	Payment Date	Invoice Net Amount
237840007M	Member Dues for the 22/23 OWP- Second half	Paid by Check #39501		07/28/2022	12/09/2022	12/09/2022		12/09/2022	5,270.56
23192	PD - DPD-12 Notice to Appear Forms	Paid by Check #39502		11/01/2022	12/09/2022	12/09/2022		12/09/2022	1,623.37
Vendor 49 - Tulare County Totals								Invoices 2	\$6,893.93
Vendor 307 - Tulare County Consolidated Ambulance Dispatch, Inc									
22-12-07	December 2022	Paid by Check #39503		11/01/2022	12/09/2022	12/09/2022		12/09/2022	6,414.84
Vendor 307 - Tulare County Consolidated Ambulance Dispatch, Inc Totals								Invoices 1	\$6,414.84
Vendor 296 - Tulare Kings Veterinary Emergency									
184227	PD - Veterinary Services	Paid by Check #39504		11/20/2022	12/09/2022	12/09/2022		12/09/2022	124.12
184650	PD - Veterinary Services	Paid by Check #39504		11/25/2022	12/09/2022	12/09/2022		12/09/2022	132.60
Vendor 296 - Tulare Kings Veterinary Emergency Totals								Invoices 2	\$256.72
Vendor 273 - US Bank									
488137431	Copier Lease 11/20/22-12/20/22	Paid by Check #39507		11/26/2022	12/09/2022	12/09/2022		12/09/2022	2,488.11
487525362	PD - Copiers Lease	Paid by Check #39506		11/18/2022	12/09/2022	12/09/2022		12/09/2022	907.08
488137043	ACCT# 530029 - PW COPIER CHARGES	Paid by Check #39505		11/26/2022	12/09/2022	12/09/2022		12/09/2022	806.46
Vendor 273 - US Bank Totals								Invoices 3	\$4,201.65
Vendor 154 - USA Bluebook									
173797	WATER DEPT SUPPLIES	Paid by Check #39508		11/10/2022	12/09/2022	12/09/2022		12/09/2022	435.86
Vendor 154 - USA Bluebook Totals								Invoices 1	\$435.86
Vendor 1434 - Vast Networks									
40314	12/01/2022-12/31/2022 Internet	Paid by Check #39509		12/01/2022	12/09/2022	12/09/2022		12/09/2022	5,136.95
Vendor 1434 - Vast Networks Totals								Invoices 1	\$5,136.95
Vendor 354 - Verizon Wireless									
9920589344	December 2022	Paid by Check #39511		11/14/2022	12/09/2022	12/09/2022		12/09/2022	403.58
9920589343	Fy 22/23-Dept phone bills	Paid by Check #39510		11/14/2022	12/09/2022	12/09/2022	12/02/2022	12/09/2022	1,053.80
9920193900	PD - 10/11/2022 - 11/10/2022 Billing Charges	Paid by Check #39513		11/10/2022	12/09/2022	12/09/2022		12/09/2022	2,009.24
9920589342	ADMIN PHONE CHARGES	Paid by Check #39512		11/14/2022	12/09/2022	12/09/2022		12/09/2022	262.40
Vendor 354 - Verizon Wireless Totals								Invoices 4	\$3,729.02
Vendor 1280 - Willdan Engineering									
336997	BUILDING INSPECTOR 10/19/2022	Paid by Check #39514		11/18/2022	12/09/2022	12/09/2022		12/09/2022	1,534.00
Vendor 1280 - Willdan Engineering Totals								Invoices 1	\$1,534.00
Vendor 1313 - Yopez Plumbing									
08108	Fix main sewer line City lot on side of Les Schwab	Paid by Check #39515		11/18/2022	12/09/2022	12/09/2022		12/09/2022	1,800.00



Accounts Payable Invoice Report

Payment Date Range 12/03/22 - 12/09/22
Report By Vendor - Invoice
Summary Listing

Invoice Number	Invoice Description	Status	Held Reason	Invoice Date	Due Date	G/L Date	Received Date	Payment Date	Invoice Net Amount
Vendor 1313 - Yepez Plumbing Totals						Invoices	1		\$1,800.00
Vendor 347 - Zoll Data Systems									
INV00128505	Subscription/ePCR Billing 12/1/2022-11/30/2023	Paid by Check #39516		11/02/2022	12/09/2022	12/09/2022		12/09/2022	17,404.33
Vendor 347 - Zoll Data Systems Totals						Invoices	1		\$17,404.33
Vendor 209 - Zweigle Septic Service									
37706	Fy 22/23-Parks-Portable toilet rental & cleaning @ ent plaza	Paid by Check #39517		11/30/2022	12/09/2022	12/09/2022	12/02/2022	12/09/2022	470.00
37678	PD - Hand- Wash Station	Paid by Check #39517		11/21/2022	12/09/2022	12/09/2022		12/09/2022	75.00
Vendor 209 - Zweigle Septic Service Totals						Invoices	2		\$545.00
Vendor Dowyan Bogard									
Refund	Miscellaneous	Paid by Check #39518		12/02/2022	12/09/2022	12/09/2022		12/09/2022	65.00
Vendor Dowyan Bogard Totals						Invoices	1		\$65.00
Vendor Todd Katayama									
22-2193	Overpayment Run #22-2193	Paid by Check #39519		11/30/2022	12/09/2022	12/09/2022		12/09/2022	159.83
Vendor Todd Katayama Totals						Invoices	1		\$159.83
Vendor Adrienne Powell									
Refund	Miscellaneous	Paid by Check #39520		12/02/2022	12/09/2022	12/09/2022		12/09/2022	65.00
Vendor Adrienne Powell Totals						Invoices	1		\$65.00
Vendor Ramiro Puente									
Refund	Miscellaneous	Paid by Check #39521		12/02/2022	12/09/2022	12/09/2022		12/09/2022	65.00
Vendor Ramiro Puente Totals						Invoices	1		\$65.00
Vendor Ricardo Ramirez									
Refund	Miscellaneous	Paid by Check #39522		12/02/2022	12/09/2022	12/09/2022		12/09/2022	65.00
Vendor Ricardo Ramirez Totals						Invoices	1		\$65.00
Vendor Mike Smith									
Refund	Miscellaneous	Paid by Check #39523		12/02/2022	12/09/2022	12/09/2022		12/09/2022	65.00
Vendor Mike Smith Totals						Invoices	1		\$65.00
Grand Totals						Invoices	218		\$365,119.01



City Council Staff Report

Department: PUBLIC WORKS

December 13, 2022

To: Mayor and City Council

From: Ismael Hernandez, Public Works Director

By: Elva Patino, Fiscal Analyst II

Subject: Development Impact Fee Annual Report for FY 2021/22 (IH)

RECOMMENDATION

Council hold a public hearing to accept public comment regarding the FY 2021/22 Development Impact Fee Annual Report and file the report with the Office of the City Clerk.

EXECUTIVE SUMMARY

The Mitigation Fee Act (Government Code Section 66006 et. seq.) requires local agencies to submit an annual report detailing the status of development impact fees. Development impact fees are collected from new developments to offset some or all of the cost for public facilities related to the project. The annual report must be made available to the public within 180 days after the close of the fiscal year and presented to the City Council at least 15 days after it is made available to the public.

OUTSTANDING ISSUES

None.

DISCUSSION

With the passage of Proposition 13 in 1978 and the resulting decline in local government revenues, local government enacted a series of impact fees in order to offset the cost of providing public facilities for new development projects. The development impact fees collected are used to finance the design, construction, and acquisition of facilities and equipment necessary to expand public facilities in order to accommodate future development.

In response to the growing use of impact fees, the State Legislature passed the California Mitigation Fee Act (AB 1600) in 1987. The Mitigation Fee Act set forth

standards and procedures for how impact fees are imposed, collected and expended. The Act requires local government to separate and place development impact fees in a special restricted fund for use to finance the construction of the specific facilities for which the fees were imposed. For example, sewer impact fees collected from new development can only be used for sewer related improvements.

The Mitigation Fee act also requires local governments to prepare annual reports on any balances in each impact fee and how those fees are to be expended. Cities that fail to prepare this annual report and identify how funds are to be reinvested may be required to reimburse impact fees collected.

The Development Impact Fees Annual Report for 2022 is enclosed herein as Attachment 'A'. This report provides information on the amount of developer impact fees collected and expended, and the interest earned on unexpended funds from July 1, 2021, through June 30, 2022. It is important to note that development impact fees collected are considered one-time revenues and the amount of funding available is dependent on the amount of development activity from new projects.

The City of Dinuba has seven types of development impact fees, summarized as follows:

Water Development Impact Fee:

Fund the water supply, treatment, and distribution facilities needed to provide potable domestic water for new and future development.

Sewer Development Impact Fee:

Fund the collection, treatment and wastewater disposal facilities required to provide sanitary sewer service to new and future development.

Transportation Development Impact Fee:

Fund transportation improvements that include arterial streets, intersections, and traffic signals to accommodate new and future development.

Fire Protection Impact Fee:

Fund the acquisition of land for fire facilities, upgrade existing facilities, and purchase vehicles and equipment to accommodate new and future development.

Parks Facilities Impact Fee:

Fund the acquisition of land and development of new parks, expand or construct recreational facilities and park amenities.

Storm Drain Development Impact Fee:

Fund drainage facilities for flood control and water management to accommodate new and future development.

Police Development Impact Fee:

Fund the acquisition of land for police facilities, and purchase vehicles and equipment to accommodate new and future development.

The presentation of the Development Impact Fee Annual Report requires that a public hearing be conducted to provide a summary of the status and use of impact fees collected for the fiscal year ending June 30, 2022, in compliance with the Mitigation Fee Act.

FISCAL IMPACT

There is no fiscal impact associated with the recommended action.

PUBLIC HEARING

A public hearing notice was published in the Mid-Valley Times on December 1, 2022.

ATTACHMENTS:

A. FY 2021/22 Development Impact Fee Annual Report

CITY OF DINUBA
DEVELOPMENT IMPACT FEE REPORT
FY 2021/22

Water SDC Fund Fund 250		Actual 2021/22
Beginning Fund Balance 07/1/2021		\$813,611
Revenues:		
Interest Earnings	2,663	
Developer Fees	79,913	
		<u>\$82,576</u>
Expenditures:		
McKinley Improvements	14,934	
Roe Ave Design	21,195	
AID Nebraska/Euclid Extension	6,600	
Well 21 Project	67,962	
Transfer Out - Water Debt	58,087	
		<u>\$168,778</u>
Ending Fund Balance		<u>\$727,409</u>

Sewer SDC Fund Fund 251		Actual 2021/22
Beginning Fund Balance 07/1/2021		\$1,215,785
Revenues:		
Interest Earnings	3,722	
Developer Fees	102,173	
		<u>\$105,895</u>
Expenditures:		
Roe Ave. & McKinley Ave. Design	31,504	
Wastewater Clarifier Improvements	159,102	
Sewer Management Plan	109	
P Street Sewer Pipeline Design	15,131	
North Dinuba Improvements Project	124,958	
Waster Water Treatment Facility PH 3	32,130	
		<u>\$362,934</u>
Ending Fund Balance		<u>958,746</u>

Transportation SDC Fund Fund 252		Actual 2021/22
Beginning Fund Balance 07/1/2021		\$1,015,842
Revenues:		
Interest Earnings	2,613	
Developer Fees	81,655	
		<u>\$84,268</u>
Expenditures:		
Transfer Out - Lease Rev. Bond	132,365	
Transfer Out - Alta/Nebraska Roundabout	857,281	
Transfer Out - Kamm/Alta Roundabout	75,000	
The Rock Yard	41,200	
Dickey Ave. Design	6,750	
ROW Kamm Ave Acquisition	21,726	
		<u>\$1,134,322</u>
Ending Fund Balance		<u>(\$34,212)</u>

Police Fund Fund 253		Actual 2021/22
Beginning Fund Balance 07/1/2021		\$98,351
Revenues:		
Interest Earnings	395	
Developer Fees	26,466	
		<u>\$26,861</u>
Expenditures:		
Machinery and Equipment	73,634	
		<u>\$73,634</u>
Ending Fund Balance		<u>\$51,578</u>

CITY OF DINUBA
DEVELOPMENT IMPACT FEE REPORT
FY 2021/22

Parks Fund Fund 254		Actual 2021/22
Beginning Fund Balance 07/1/2021		\$490,450
Revenues:		
Interest Earnings	1,423	
Developer Fees	47,175	
		<u>\$48,598</u>
Expenditures:		
KC Vista Park Design	24,912	
Entertainment Plaza Restroom Project	30,197	
Ridge Creek Walking Trail	37,900	
Shade Structures Alice, Delgado, Roosevelt	164,146	
Parks Maintenance Yard	15,800	
Community Center Flooring	12196	
		<u>\$285,151</u>
Ending Fund Balance		<u>\$253,896</u>

Storm Drain Fund Fund 255		Actual 2021/22
Beginning Fund Balance 07/1/2021		\$19,195
Revenues:		
Interest Earnings	25	
Developer Fees	7,680	
Misc. revenue (PG&E refund)	2,500	
		<u>\$10,205</u>
Expenditures:		
Storm Drain Water Planning PH I	33,288	
Euclid/Saginaw Basin	16,150	
		<u>\$49,438</u>
Ending Fund Balance		<u>(\$20,038)</u>

Fire Impact Fees Fund 256		Actual 2021/22
Beginning Fund Balance 07/1/2021		\$681,766
Revenues:		
Interest Earnings	2,379	
Developer Fees	48,230	
		<u>\$50,609</u>
Expenditures:		
	0	
		<u>\$0</u>
Ending Fund Balance		<u>\$732,375</u>



City Council Staff Report

Department: CITY ATTORNEY

December 13, 2022

To: Mayor and City Council

From: David Yanez, City Attorney

Subject: Ordinance No. 2022-12 Adding and Adopting Section 17.75 Entitled "Electrical Vehicle Charging Station Permitting" to the Dinuba Municipal Code in Compliance with Assembly Bills 1236 And 970 (DY)

RECOMMENDATION

Council receives staff's report, open and close a public hearing, and take the following action by one motion:

1. Introduce Ordinance No. 2022-12 by title "Adding and adopting section 17.75 entitled "Electrical Vehicle Charging Station Permitting" to the Dinuba Municipal Code in compliance with assembly bills 1236 and 970"; Waive further reading of Ordinance 2022-12 and approve draft Ordinance 2022-12 either as drafted, or subject to any revisions agreed to by City Council; and
2. Schedule second reading and adoption of Ordinance No. 2022-12 for January 10, 2023, inclusive of any revisions adopted by City Council.

EXECUTIVE SUMMARY

Assembly bills 1236 (Chiu, 2015) and 970 (McCarty, 2021) require all California cities and counties to develop an expedited, streamlined permitting process for electric vehicle charging stations (EVCS) for the purpose of improving California's air quality. Among several requirements, these laws mandate that the City of Dinuba adopt a "streamlining ordinance", a checklist for EVC station applicants, and easier application submission and approval methods.

OUTSTANDING ISSUES

None.

DISCUSSION

As of January 1, 2023, all cities and counties, including charter cities, in California are required to comply with AB 1236 and AB 970. These laws require California cities to expedite the permitting process for electric vehicle charging stations (EVCS).

Specifically, AB 1236 (2015) requires that a city: 1) administratively approve EVCS applications that satisfy submittal requirements in an adopted checklist; 2) publish the checklist on the City's website; and 3) accept electronic application submittals and electronic signatures. AB 970 (2021) provides binding timelines to the City's review period based on the size of the project and clarifies parking requirements.

Applicability of EVCS Permit Streamlining Mandate

AB 970 (McCarty, 2021) becomes operative on January 1, 2023, for every city, county, or city and county with fewer than 200,000 residents, whereas larger jurisdictions had an earlier compliance date. AB 1236 (Chiu, 2015) has been in effect for small jurisdictions, such as the City of Dinuba, since 9/30/2017.

AB 1236 and AB 970 apply to all charging station installations, including: Level 1, Level 2, and DC Fast Charging; public and private charging stations; light-, medium-, and heavy-duty electric vehicle charging stations; and stations that are installed as the accessory or primary use of a site. AB 1236 and AB 970 likewise apply to essential components and infrastructure necessary for charging station function.

Key Requirements AB 1236 and AB 970

- The City of Dinuba may only deny an EVCS permit application if it makes written findings that the proposed installation would have a specific adverse impact upon the public health or safety, and that impact cannot be mitigated.
- The City of Dinuba must adopt an EVCS permit applicant checklist which must also be accessible on the City's official website and must allow for electronic signature and submission of permit applications and associated documentation.
- In the event that the City of Dinuba does not comply with AB 970'S prescribed application review timelines, the EVCS permit application shall be "deemed approved". A longer timeline for review of the permit application is granted for EVCS projects in excess of 25 stations.
- The City of Dinuba shall reduce the number of required parking spaces for existing uses by the amount necessary to accommodate the EVCS if the EVCS impacts the required parking spaces of an existing use.

Under AB 970's "deemed approved" process, a city may lose its discretion to consider and modify an EVCS project if it does not meet the statutory review timelines for permit application completeness and

approval/denial. Additionally, funders, such as the California Energy Commission (CEC) can factor permit streamlining status into grant-making decisions.

Ordinance No. 2022-12 enclosed herein as Attachment 'A' adds and adopts section 17.75 entitled "Electric Vehicle Charging Station Permitting" to the Dinuba Municipal Code. This ordinance will ensure that the City of Dinuba is in compliance with state law regarding permitting EVCS.

FISCAL IMPACT

None.

PUBLIC HEARING

A Public Hearing Notice for the introduction of Ordinance No. 2022-12 was published in the Mid Valley Times on Thursday, December 8, 2022.

ATTACHMENTS:

- A. Ordinance 2022-12 "Electrical Vehicle Charging Station Permitting"
- B. Assembly Bill 1236 (Chiu, 2015)
- C. Assembly Bill 970 (McCarty, 2021)
- D. EVCS Permit Streamlining Fact Sheet

**CITYOF DINUBA
ORDINANCE NO. 2022-12**

**AN ORDINANCE OF THE CITYOF DINUBA ADDING AND ADOPTING CHAPTER 17.75
“ELECTRICAL VEHICLE CHARGING STATION PERMITTING” TO THE DINUBA MUNICIPAL CODE
IN COMPLIANCE WITH ASSEMBLY BILLS 1236 AND 970**

The City Council of the City of Dinuba does hereby ordain:

SECTION 1. FINDINGS.

- a) Whereas, The City of Dinuba seeks to comply with State Law, Assembly Bills 1236 (Gov. Code, § 65850.7) and 970 (Gov. Code, § 65850.71), through the addition and adoption of Dinuba Municipal Code chapter 17.75 “Electrical Vehicle Charging Station Permitting” which provides for the creation of an expedited, streamlined permitting process for electric vehicle charging stations (“EVCS”) and imposes binding timelines on the City’s EVCS permit application review; and
- b) Whereas, adoption of Ordinance 2022-12 is consistent with the City’s General Plan, and Open Spaces, Resources and Conservation Element, as it encourages transportation systems that minimize air pollution; and
- a) Whereas, Ordinance 2022-12 is in the interest of the public health, welfare, and safety of the City of Dinuba as it assures the effective and streamlined approval of electric vehicle charging stations, which will encourage the use of less-polluting electric vehicles; and
- b) Whereas, Ordinance 2022-12 is exempt from review under the California Environmental Quality Act (“CEQA”), Guidelines section 15061(b)(3) because it can be seen with certainty that there is no possibility that its implementation will have a significant effect on the environment; and
- c) Whereas, on December 13, 2022, the City Council held a public hearing at a duly noticed public meeting to receive public input regarding the adoption of Ordinance 2022-12 and consider any facts or circumstances unique to the City of Dinuba.

SECTION 2. SEVERABILITY.

Each of the provisions of this ordinance is severable from all other provisions. If any article, section, subsection, paragraph, sentence, clause or phrase of this ordinance is for any reason held by a court of competent jurisdiction to be invalid, such decision shall not affect the validity of the remaining portions of this ordinance.

SECTION 3. PUBLICATION OF ORDINANCE; EFFECTIVE DATE.

- a) Pursuant to Section 2.12.F of the Charter for the City of Dinuba, the City Clerk is hereby directed to cause a summary of this Ordinance to be published within 20 days following such adoption, in a newspaper of general circulation in the City or, if there is no newspaper of general circulation in the City, by posting in three public places. If a summary of the ordinance is published, then the City Clerk shall cause a certified copy of the full text of the proposed ordinance to be posted for a period of 30 days in the office of the City Clerk after the meeting at which the ordinance is adopted and then be made available upon request.
- b) Ordinance 2022-12 shall become effective on the 30th day after the second reading of the Ordinance by the City Council of the City of Dinuba.

PASSED, APPROVED and ADOPTED this 13TH day of December, 2022.

YES:

NOES:

ABSENT:

ABSTAIN:

Linda Launer, Mayor of the City of Dinuba

ATTEST:

Maria Alaniz, Interim City Clerk

17.75.010 - Purpose.

- A. The purpose of the chapter is to adopt an expedited, streamlined permitting process that complies with AB 1236 and AB 970 codified in Government Code section 65850.7 and 65850.71 to achieve timely cost-effective installation of electric vehicle charging stations. This chapter encourages the installation and use of electric vehicle charging stations by removing obstacles to and minimizing the cost of permitting for charging stations, and by expanding the ability of residential, commercial and industrial property owners to install electric vehicle charging stations. This chapter allows the City to achieve these goals while protecting the public health and safety.

17.75.020 - Applicability.

- A. This chapter applies to the permitting of all electric vehicle charging stations in the City of Dinuba, including level 2 and direct current fast chargers. Electric vehicle charging stations legally established or permitted prior to the implementation of this expedited permitting process are not subject to the requirements of this chapter unless physical modifications or alterations are undertaken that materially change the size, type or components of an electric vehicle charging station in such a way as to require new permitting. Routine operations and maintenance or like-kind replacements of the components of an electric vehicle charging station shall not be considered a material change.
- B. This expedited permitting process is intended to apply only to applications for permits for electric vehicle charging stations, and will not expedite the review of any other City of Dinuba permit applications.
- C. Any sections of this chapter which are inconsistent with Assembly Bills 1236 (Chiu, 2015) and 970 (McCarty, 2021) and codified as Government Code sections 65850.7 and 65850.71, shall be null and void and are expressly superseded and preempted by applicable state law.

17.75.030 – Definitions.

- A. "Electric vehicle charging station" or "charging station" means any level of electric vehicle supply equipment station that is designed and built in compliance with the California Electrical Code, as it reads on the effective date of this chapter, or as it may be amended and/or renumbered thereafter, and delivers electricity from a source outside an electric vehicle into a plug-in electric vehicle.
- B. "Electronic submittal" means the utilization of one or more of the following: Email; The Internet; or Facsimile.
- C. "Specific, adverse impact" means a significant, quantifiable, direct, and unavoidable impact, based on objective, identified, and written public health or safety standards, policies, or conditions as they existed on the date the application was deemed complete.
- D. "A feasible method to satisfactorily mitigate or avoid the specific adverse impact" includes, but is not limited to, any cost-effective method, condition, or mitigation imposed by the City on another similarly situated application in a prior successful

application for a permit.

- E. "Building official" means the officer or other designated authority charged with the administration and enforcement of the City of Dinuba Municipal Code, or a duly authorized representative.
- F. An "association" means a nonprofit corporation or unincorporated association created for the purpose of managing a common interest development.

17.75.040 - Electric vehicle charging station requirements.

- A. All electric vehicle charging stations shall meet applicable health and safety standards and requirements including but not limited to any requirements imposed by the state and the City, local fire department and utility director, the California Building Code, Fresno Municipal Code, and Federal laws including the Americans with Disabilities Act.
- B. Electric vehicle charging stations shall meet all applicable safety and performance standards established by the California Electrical Code, the Society of Automotive Engineers, the National Electrical Manufacturers Association, and accredited testing laboratories such as Underwriters Laboratories and, where applicable, rules of the Public Utilities Commission regarding safety and reliability.

17.75.050 - Application standards.

- A. No later than January 1, 2023, the building official of the City of Dinuba or his/her designee shall implement an expedited permitting process, after consulting with the local fire department or district, that will allow the building official to administratively approve an application to install electric vehicle charging stations through the issuance of a building permit or similar non-discretionary permit.
- B. The building official shall adopt a checklist of all requirements with which electric vehicle charging stations shall comply to be eligible for expedited review. The checklist and all required permitting documentation shall be published and continuously available on the City of Dinuba's website.
- C. In developing the expedited permitting process and checklist, the building official may refer to the recommendations contained in the most recent version of the "Plug-In Electric Vehicle Infrastructure Permitting Checklist" and/or the "Zero-Emission Vehicles in California: Community Readiness Guidebook" published by the state of California's Office of Planning and Research. The building official may modify the checklist and standards found in the guidebook due to unique climatic, geological, seismological, or topographical conditions.
- D. Electronic submittal— Consistent with Government Code section 65850.7, the building official shall allow for electronic submittal of permit applications covered by this chapter and associated supporting documentations. In accepting such permit applications, the building official shall also accept electronic signatures on all forms, applications, and other documentation in lieu of a wet signature by any applicant.

17.75.060 - Expedited permitting process and permit review.

- A. An application and supporting documents that satisfy the information requirements in the checklist, as determined by the building official, shall be deemed complete. No discretionary use permit shall be required by the building official or City of Dinuba if the EVCS permit applicant satisfies the checklist requirements and permit approval shall be limited to health and safety review.
- B. EVCS permit applications shall also be deemed complete consistent with AB 970 (McCarty, 2021) and Government Code section 65850.71, subsections (b) and (c) when the City has not deemed the application complete or issued a written correction notice after the applicable time periods prescribed in Government Code section 65850.71(b).
- C. Incomplete Permit Applications. Upon receipt of an incomplete application, the building official shall issue one written correction notice detailing all deficiencies in the application and any additional information that is required to be eligible for expedited permit issuance.
- D. Upon confirmation by the building official that the application is complete and meets the requirements of the checklist, and is consistent with this chapter, the building official shall administratively approve the application and issue all required permits or authorizations through a building or similar non-discretionary permit. The building official may establish a process to prioritize completing expedited permit applications.
 - 1. If the City or building official makes a finding, based on substantial evidence, that the electric vehicle charging station could have a specific adverse impact upon the public health or safety, the City may require the applicant to apply for a use permit in accordance with the Dinuba Municipal Code chapter 17.80 "Discretionary Permits and Procedures."
 - 2. The City may withhold issuance of the use permit or administrative approval if there is a violation on record for any structure associated with the application under review.
 - 3. The City shall not condition approval for any electric vehicle charging station permit on the approval of that EVCS by an association, as that term is defined in Civil Code section 4080.
- E. The City shall not deny an application for a use permit to install an electric vehicle charging station unless it makes written findings based upon substantial evidence in the record that the proposed installation would have a specific adverse impact upon the public health or safety, and there is no feasible method to satisfactorily mitigate or avoid the specific adverse impact. The findings shall be the basis for the rejection of potential feasible alternatives of preventing the adverse impact.
- F. Any conditions imposed on an application to install an electric vehicle charging station shall be designed to mitigate the specific adverse impact upon the public health or safety at the lowest cost possible
- G. The building official's decision pursuant to Sections 17.75.060 (C) or (D) may be appealed to the City of Dinuba's Planning Commission and then to the City of Dinuba City Council in accordance with Sections 17.04.140 and 17.04.150 of the Dinuba Municipal Code.

Assembly Bill No. 1236

CHAPTER 598

An act to add Section 65850.7 to the Government Code, relating to local ordinances.

[Approved by Governor October 8, 2015. Filed with
Secretary of State October 8, 2015.]

LEGISLATIVE COUNSEL'S DIGEST

AB 1236, Chiu. Local ordinances: electric vehicle charging stations.

The Planning and Zoning Law, among other things, requires the legislative body of each county and city to adopt a general plan for the physical development of the county or city and authorizes the adoption and administration of zoning laws, ordinances, rules, and regulations by counties and cities. Existing law, the Electric Vehicle Charging Stations Open Access Act, prohibits the charging of a subscription fee on persons desiring to use an electric vehicle charging station, as defined, and prohibits a requirement for persons to obtain membership in any club, association, or organization as a condition of using the station, except as specified.

The bill would require a city, county, or city and county to approve an application for the installation of electric vehicle charging stations, as defined, through the issuance of specified permits unless the city or county makes specified written findings based upon substantial evidence in the record that the proposed installation would have a specific, adverse impact upon the public health or safety, and there is no feasible method to satisfactorily mitigate or avoid the specific, adverse impact. The bill would provide for appeal of that decision to the planning commission, as specified. The bill would provide that the implementation of consistent statewide standards to achieve the timely and cost-effective installation of electric vehicle charging stations is a matter of statewide concern. The bill would require electric vehicle charging stations to meet specified standards. The bill would require a city, county, or city and county with a population of 200,000 or more residents to adopt an ordinance, by September 30, 2016, that creates an expedited and streamlined permitting process for electric vehicle charging stations, as specified. The bill would require a city, county, or city and county with a population of less than 200,000 residents to adopt this ordinance by September 30, 2017. The bill would authorize the city, county, or city and county, in developing the ordinance, to refer to guidelines contained in a specified guidebook. The bill would also authorize the adoption of an ordinance that modifies the checklists and standards found in the guidebook due to unique conditions. By increasing the duties of local officials, this bill would create a state-mandated local program.

The California Constitution requires the state to reimburse local agencies and school districts for certain costs mandated by the state. Statutory provisions establish procedures for making that reimbursement.

This bill would provide that no reimbursement is required by this act for a specified reason.

The people of the State of California do enact as follows:

SECTION 1. Section 65850.7 is added to the Government Code, to read: 65850.7. (a) The Legislature finds and declares all of the following:

(1) The implementation of consistent statewide standards to achieve the timely and cost-effective installation of electric vehicle charging stations is not a municipal affair, as that term is used in Section 5 of Article XI of the California Constitution, but is instead a matter of statewide concern.

(2) It is the intent of the Legislature that local agencies not adopt ordinances that create unreasonable barriers to the installation of electric vehicle charging stations and not unreasonably restrict the ability of homeowners and agricultural and business concerns to install electric vehicle charging stations.

(3) It is the policy of the state to promote and encourage the use of electric vehicle charging stations and to limit obstacles to their use.

(4) It is the intent of the Legislature that local agencies comply not only with the language of this section, but also the legislative intent to encourage the installation of electric vehicle charging stations by removing obstacles to, and minimizing costs of, permitting for charging stations so long as the action does not supersede the building official's authority to identify and address higher priority life-safety situations.

(b) A city, county, or city and county shall administratively approve an application to install electric vehicle charging stations through the issuance of a building permit or similar nondiscretionary permit. Review of the application to install an electric vehicle charging station shall be limited to the building official's review of whether it meets all health and safety requirements of local, state, and federal law. The requirements of local law shall be limited to those standards and regulations necessary to ensure that the electric vehicle charging station will not have a specific, adverse impact upon the public health or safety. However, if the building official of the city, county, or city and county makes a finding, based on substantial evidence, that the electric vehicle charging station could have a specific, adverse impact upon the public health or safety, the city, county, or city and county may require the applicant to apply for a use permit.

(c) A city, county, or city and county may not deny an application for a use permit to install an electric vehicle charging station unless it makes written findings based upon substantial evidence in the record that the proposed installation would have a specific, adverse impact upon the public health or safety, and there is no feasible method to satisfactorily mitigate or avoid the specific, adverse impact. The findings shall include the basis

for the rejection of potential feasible alternatives of preventing the adverse impact.

(d) The decision of the building official pursuant to subdivisions (b) and (c) may be appealed to the planning commission of the city, county, or city and county.

(e) Any conditions imposed on an application to install an electric vehicle charging station shall be designed to mitigate the specific, adverse impact upon the public health or safety at the lowest cost possible.

(f) (1) An electric vehicle charging station shall meet applicable health and safety standards and requirements imposed by state and local permitting authorities.

(2) An electric vehicle charging station shall meet all applicable safety and performance standards established by the California Electrical Code, the Society of Automotive Engineers, the National Electrical Manufacturers Association, and accredited testing laboratories such as Underwriters Laboratories and, where applicable, rules of the Public Utilities Commission regarding safety and reliability.

(g) (1) On or before September 30, 2016, every city, county, or city and county with a population of 200,000 or more residents, and, on or before September 30, 2017, every city, county, or city and county with a population of less than 200,000 residents, shall, in consultation with the local fire department or district and the utility director, if the city, county, or city and county operates a utility, adopt an ordinance, consistent with the goals and intent of this section, that creates an expedited, streamlined permitting process for electric vehicle charging stations. In developing an expedited permitting process, the city, county, or city and county shall adopt a checklist of all requirements with which electric vehicle charging stations shall comply to be eligible for expedited review. An application that satisfies the information requirements in the checklist, as determined by the city, county, or city and county, shall be deemed complete. Upon confirmation by the city, county, or city and county of the application and supporting documents being complete and meeting the requirements of the checklist, and consistent with the ordinance, a city, county, or city and county shall, consistent with subdivision (b), approve the application and issue all required permits or authorizations. However, the city, county, or city and county may establish a process to prioritize competing applications for expedited permits. Upon receipt of an incomplete application, a city, county, or city and county shall issue a written correction notice detailing all deficiencies in the application and any additional information required to be eligible for expedited permit issuance. An application submitted to a city, county, or city and county that owns and operates an electric utility shall demonstrate compliance with the utility's interconnection policies prior to approval.

(2) The checklist and required permitting documentation shall be published on a publicly accessible Internet Web site, if the city, county, or city and county has an Internet Web site, and the city, county, or city and county shall allow for electronic submittal of a permit application and associated documentation, and shall authorize the electronic signature on

all forms, applications, and other documentation in lieu of a wet signature by an applicant. In developing the ordinance, the city, county, or city and county may refer to the recommendations contained in the most current version of the “Plug-In Electric Vehicle Infrastructure Permitting Checklist” of the “Zero-Emission Vehicles in California: Community Readiness Guidebook” published by the Office of Planning and Research. A city, county, or city and county may adopt an ordinance that modifies the checklists and standards found in the guidebook due to unique climactic, geological, seismological, or topographical conditions. If a city, county, or city and county determines that it is unable to authorize the acceptance of an electronic signature on all forms, applications, and other documents in lieu of a wet signature by an applicant, the city, county, or city and county shall state, in the ordinance required under this subdivision, the reasons for its inability to accept electronic signatures and acceptance of an electronic signature shall not be required.

(h) A city, county, or city and county shall not condition approval for any electric vehicle charging station permit on the approval of an electric vehicle charging station by an association, as that term is defined in Section 4080 of the Civil Code.

(i) The following definitions shall apply to this section:

(1) “A feasible method to satisfactorily mitigate or avoid the specific, adverse impact” includes, but is not limited to, any cost-effective method, condition, or mitigation imposed by a city, county, or city and county on another similarly situated application in a prior successful application for a permit.

(2) “Electronic submittal” means the utilization of one or more of the following:

(A) Email.

(B) The Internet.

(C) Facsimile.

(3) “Electric vehicle charging station” or “charging station” means any level of electric vehicle supply equipment station that is designed and built in compliance with Article 625 of the California Electrical Code, as it reads on the effective date of this section, and delivers electricity from a source outside an electric vehicle into a plug-in electric vehicle.

(4) “Specific, adverse impact” means a significant, quantifiable, direct, and unavoidable impact, based on objective, identified, and written public health or safety standards, policies, or conditions as they existed on the date the application was deemed complete.

SEC. 2. No reimbursement is required by this act pursuant to Section 6 of Article XIII B of the California Constitution because a local agency or school district has the authority to levy service charges, fees, or assessments sufficient to pay for the program or level of service mandated by this act, within the meaning of Section 17556 of the Government Code.

Assembly Bill No. 970

CHAPTER 710

An act to amend Section 65850.7 of, and to add Section 65850.71 to, the Government Code, relating to zoning.

[Approved by Governor October 8, 2021. Filed with Secretary
of State October 8, 2021.]

LEGISLATIVE COUNSEL'S DIGEST

AB 970, McCarty. Planning and zoning: electric vehicle charging stations: permit application: approval.

Existing law requires a city, county, or city and county to administratively approve an application to install an electric vehicle charging station through the issuance of a building permit or similar nondiscretionary permit subject to a limited review by the building official of that city, county, or city and county. Existing law allows the building official to require the applicant to apply for a use permit if the official finds that the station could have a specific adverse impact upon the public health or safety and prohibits the city, county, or city and county from denying the application for a use permit to install an electric vehicle charging station unless it makes written findings that the proposed installation would have a specific, adverse impact upon the public health or safety, and there is no feasible method to satisfactorily mitigate or avoid the specific, adverse impact.

Existing law requires every city, county, and city and county to create an expedited, streamlined permitting process for electric vehicle charging stations and to adopt a checklist pursuant to which an application that satisfies the information requirements in that checklist shall be deemed complete and therefore eligible for expedited review.

This bill would clarify that these provisions apply to all cities, including charter cities.

This bill would require an application to install an electric vehicle charging station to be deemed complete if, either 5 business days or 10 business days after the application was submitted, depending on the number of electric vehicle charging stations proposed in the application, the city, county, or city and county has not deemed the application to be incomplete or issued a written correction notice detailing all deficiencies in the application, as specified. The bill would require an application to install an electric vehicle charging station to be deemed approved if 20 business days or 40 business days after the application was deemed complete, depending on the number of electric vehicle charging stations proposed in the application, (1) the city, county, or city and county has not approved the application, (2) the building official has not made a finding that the proposed installation could have an adverse impact upon the public health or safety or required the applicant to

apply for a use permit, (3) the building official has not denied the permit, and (4) an appeal has not been made to the planning commission of the city, county, or city and county, as specified. The bill would provide that these requirements do not expand or restrict the role or responsibility of a local publicly owned electric utility in providing new electric service to an electric vehicle charging station in a manner consistent with safety, reliability, and engineering requirements. The bill would require a city, county, or city and county to reduce the number of required parking spaces to accommodate the electric vehicle charging station, as specified.

This bill's provisions would become operative on January 1, 2022, but for every city, county, or city and county with a population of less than 200,000 residents, the bill's provisions would apply beginning on January 1, 2023.

The bill would include findings that changes proposed by this bill address a matter of statewide concern rather than a municipal affair and, therefore, apply to all cities, including charter cities.

The people of the State of California do enact as follows:

SECTION 1. Section 65850.7 of the Government Code is amended to read:

65850.7. (a) The Legislature finds and declares all of the following:

(1) The implementation of consistent statewide standards to achieve the timely and cost-effective installation of electric vehicle charging stations is not a municipal affair, as that term is used in Section 5 of Article XI of the California Constitution, but is instead a matter of statewide concern. Therefore, this section applies to all cities, including charter cities.

(2) It is the intent of the Legislature that local agencies not adopt ordinances that create unreasonable barriers to the installation of electric vehicle charging stations and not unreasonably restrict the ability of homeowners and agricultural and business concerns to install electric vehicle charging stations.

(3) It is the policy of the state to promote and encourage the use of electric vehicle charging stations and to limit obstacles to their use.

(4) It is the intent of the Legislature that local agencies comply not only with the language of this section, but also the legislative intent to encourage the installation of electric vehicle charging stations by removing obstacles to, and minimizing costs of, permitting for charging stations so long as the action does not supersede the building official's authority to identify and address higher priority life-safety situations.

(b) A city, county, or city and county shall administratively approve an application to install electric vehicle charging stations through the issuance of a building permit or similar nondiscretionary permit. Review of the application to install an electric vehicle charging station shall be limited to the building official's review of whether it meets all health and safety requirements of local, state, and federal law. The requirements of local law

shall be limited to those standards and regulations necessary to ensure that the electric vehicle charging station will not have a specific, adverse impact upon the public health or safety. However, if the building official of the city, county, or city and county makes a finding, based on substantial evidence, that the electric vehicle charging station could have a specific, adverse impact upon the public health or safety, the city, county, or city and county may require the applicant to apply for a use permit.

(c) A city, county, or city and county may not deny an application for a use permit to install an electric vehicle charging station unless it makes written findings based upon substantial evidence in the record that the proposed installation would have a specific, adverse impact upon the public health or safety, and there is no feasible method to satisfactorily mitigate or avoid the specific, adverse impact. The findings shall include the basis for the rejection of potential feasible alternatives of preventing the adverse impact.

(d) The decision of the building official pursuant to subdivisions (b) and (c) may be appealed to the planning commission of the city, county, or city and county.

(e) Any conditions imposed on an application to install an electric vehicle charging station shall be designed to mitigate the specific, adverse impact upon the public health or safety at the lowest cost possible.

(f) (1) An electric vehicle charging station shall meet applicable health and safety standards and requirements imposed by state and local permitting authorities.

(2) An electric vehicle charging station shall meet all applicable safety and performance standards established by the California Electrical Code, the Society of Automotive Engineers, the National Electrical Manufacturers Association, and accredited testing laboratories such as Underwriters Laboratories and, where applicable, rules of the Public Utilities Commission regarding safety and reliability.

(g) (1) On or before September 30, 2016, every city, county, or city and county with a population of 200,000 or more residents, and, on or before September 30, 2017, every city, county, or city and county with a population of less than 200,000 residents, shall, in consultation with the local fire department or district and the utility director, if the city, county, or city and county operates a utility, adopt an ordinance, consistent with the goals and intent of this section, that creates an expedited, streamlined permitting process for electric vehicle charging stations. In developing an expedited permitting process, the city, county, or city and county shall adopt a checklist of all requirements with which electric vehicle charging stations shall comply to be eligible for expedited review. An application that satisfies the information requirements in the checklist, as determined by the city, county, or city and county, shall be deemed complete. Upon confirmation by the city, county, or city and county of the application and supporting documents being complete and meeting the requirements of the checklist, and consistent with the ordinance, a city, county, or city and county shall, consistent with subdivision (b), approve the application and issue all required permits or

authorizations. However, the city, county, or city and county may establish a process to prioritize competing applications for expedited permits. Upon receipt of an incomplete application, a city, county, or city and county shall issue a written correction notice detailing all deficiencies in the application and any additional information required to be eligible for expedited permit issuance. An application submitted to a city, county, or city and county that owns and operates an electric utility shall demonstrate compliance with the utility's interconnection policies prior to approval.

(2) The checklist and required permitting documentation shall be published on a publicly accessible internet website, if the city, county, or city and county has an internet website, and the city, county, or city and county shall allow for electronic submittal of a permit application and associated documentation, and shall authorize the electronic signature on all forms, applications, and other documentation in lieu of a wet signature by an applicant. In developing the ordinance, the city, county, or city and county may refer to the recommendations contained in the most current version of the "Plug-In Electric Vehicle Infrastructure Permitting Checklist" of the "Zero-Emission Vehicles in California: Community Readiness Guidebook" published by the Office of Planning and Research. A city, county, or city and county may adopt an ordinance that modifies the checklists and standards found in the guidebook due to unique climactic, geological, seismological, or topographical conditions. If a city, county, or city and county determines that it is unable to authorize the acceptance of an electronic signature on all forms, applications, and other documents in lieu of a wet signature by an applicant, the city, county, or city and county shall state, in the ordinance required under this subdivision, the reasons for its inability to accept electronic signatures and acceptance of an electronic signature shall not be required.

(h) A city, county, or city and county shall not condition approval for any electric vehicle charging station permit on the approval of an electric vehicle charging station by an association, as that term is defined in Section 4080 of the Civil Code.

(i) The following definitions shall apply to this section:

(1) "A feasible method to satisfactorily mitigate or avoid the specific, adverse impact" includes, but is not limited to, any cost-effective method, condition, or mitigation imposed by a city, county, or city and county on another similarly situated application in a prior successful application for a permit.

(2) "Electronic submittal" means the utilization of one or more of the following:

(A) Email.

(B) The internet.

(C) Facsimile.

(3) "Electric vehicle charging station" or "charging station" means any level of electric vehicle supply equipment station that is designed and built in compliance with Article 625 of the California Electrical Code, as it reads

on the effective date of this section, and delivers electricity from a source outside an electric vehicle into a plug-in electric vehicle.

(4) “Specific, adverse impact” means a significant, quantifiable, direct, and unavoidable impact, based on objective, identified, and written public health or safety standards, policies, or conditions as they existed on the date the application was deemed complete.

SEC. 2. Section 65850.71 is added to the Government Code, to read:

65850.71. (a) The Legislature finds and declares both of the following:

(1) An electric vehicle charging station has a significant economic impact in California and is not a municipal affair, as the term is used in Section 5 of Article XI of the California Constitution, but is instead a matter of statewide concern. Therefore, this section applies to all cities, including charter cities.

(2) Table 3 of the Governor’s Office of Business and Economic Development (GO-Biz) Electric Vehicle Charging Station Permitting Guidebook, published July 2019, recommends best practices for electric vehicle supply equipment permitting that would establish a 15-day timeline and satisfy the intent of Assembly Bill 1236 (Chapter 598 of the Statutes of 2015).

(b) (1) An application to install an electric vehicle charging station submitted to the building official of a city, county, or city and county shall be deemed complete if, after the applicable time period described in paragraph (2) has elapsed, both of the following are true:

(A) The building official of the city, county, or city and county has not deemed the application complete, consistent with the checklist created by the city, county, or city and county pursuant to subdivision (g) of Section 65850.7.

(B) The building official of the city, county, or city and county has not issued a written correction notice detailing all deficiencies in the application and identifying any additional information explicitly necessary for the building official to complete a review limited to whether the electric vehicle charging station meets all health and safety requirements of local, state, and federal law, consistent with subdivisions (b) and (g) of Section 65850.7.

(2) For purposes of paragraph (1), “applicable time period means” either of the following:

(A) Five business days after submission of the application to the city, county, or city and county, if the application is for at least 1, but not more than 25 electric vehicle charging stations at a single site.

(B) Ten business days after submission of the application to the city, county, or city and county, if the application is for more than 25 electric vehicle charging stations at a single site.

(c) (1) An application to install an electric vehicle charging station shall be deemed approved if the applicable time period described in paragraph (2) has elapsed and all of the following are true:

(A) The building official of the city, county, or city and county has not administratively approved the application pursuant to subdivision (b) of Section 65850.7.

(B) The building official of the city, county, or city and county has not made a finding, based on substantial evidence, that the electric vehicle charging station could have a specific adverse impact upon the public health or safety or required the applicant to apply for a use permit pursuant to subdivision (b) of Section 65850.7.

(C) The building official of the city, county, or city and county has not denied the permit pursuant to subdivision (c) of Section 65850.7.

(D) An appeal has not been made to the planning commission of the city, county, or city and county, pursuant to subdivision (d) of Section 65850.7.

(2) For purposes of paragraph (1), “applicable time period means” either of the following:

(A) Twenty business days after the application was deemed complete, if the application is for at least 1, but not more than 25 electric vehicle charging stations at a single site.

(B) Forty business days after the application was deemed complete, if the application is for more than 25 electric vehicle charging stations at a single site.

(d) If an electric vehicle charging station and any associated equipment interfere with, reduce, eliminate, or in any way impact the required parking spaces for existing uses, the city, county, or city and county shall reduce the number of required parking spaces for the existing uses by the amount necessary to accommodate the electric vehicle charging station and any associated equipment.

(e) If the electric vehicle charging station is being installed in an area that receives electrical service from a local publicly owned electric utility, this section does not expand or restrict the local publicly owned electric utility’s role and responsibility in providing new electric service to the electric vehicle charging station in a manner consistent with safety, reliability, and engineering requirements.

(f) This section shall become operative on January 1, 2022, but for every city, county, or city and county with a population of less than 200,000 residents, this section shall apply beginning on January 1, 2023.

Electric Vehicle Charging Station Permit Streamlining Fact Sheet



AB 1236 (Chiu, 2015) and AB 970 (McCarty, 2021) Requirements for Cities and Counties

EVCS Permit Streamlining Overview

AB 1236 (Chiu, 2015), codified in Government Code [Section 65850.7](#), requires all California cities and counties to develop an expedited, streamlined permitting process for electric vehicle charging stations (EVCS). The law was developed to further the availability of charging infrastructure to help drive the deployment of zero emission vehicles—the faster charging stations are deployed, the sooner California's air quality improves, greenhouse gas emissions are reduced, and local economic benefits are captured.

Pursuant to AB 1236, cities and counties must adopt a streamlining ordinance and checklist. Current city and county streamlining status is reflected on the [EVCS Streamlining Map](#) and jurisdictions are graded based on the [Permitting Electric Vehicle Charging Stations Scorecard](#), which includes the streamlining requirements of AB 1236 and reiterated below.

Scoring Criteria:

1. Streamlining Ordinance for Expedited EVCS Permit Process
2. Permitting Checklists Online for L2 & DCFC
3. Administrative Approval of EVCS
4. Approval Limited to Health & Safety Review
5. Electronic Signatures Accepted
6. EVCS Not Subject to Association Approval
7. One Complete Deficiency Notice if Application is Incomplete

AB 970 (McCarty, 2021), codified in Government Code [Section 65850.71](#), builds on California's existing permit streamlining law, AB 1236. Jurisdictions are required by AB 1236 to **limit EVCS project review to health and safety requirements**. AB 970 adds specific binding timelines to that review period based on the size of the project and clarifies parking requirements (see below).

To meet the AB 970 timelines and requirements of AB 1236, the city or county should provide one complete set of comments detailing all application deficiencies, which the applicant should address in a streamlined and complete manner through modifications to the existing application.

To avoid the need for corrections, project applicants should communicate with local permitting jurisdictions to ensure application compliance with building, electrical, accessibility, and any health and safety requirements.

Permit Streamlining Law Applicability

AB 1236 and AB 970 apply to all charging station installations, including: Level 1, Level 2, and DC Fast Charging; public and private charging stations; light-, medium-, and heavy-duty electric vehicle charging stations; and stations that are installed as the accessory or primary use of a site. AB 1236 and AB 970 likewise apply to essential components and infrastructure necessary for charging station function.

All cities and counties, including charter cities, in California are required to comply with AB 1236 and AB 970. AB 970 shall become operative on January 1, 2022 for every city, county, or city and county with a population of more than 200,000 residents. This section shall apply beginning on January 1, 2023 for every city, county, or city and county with fewer than 200,000 residents.

EVCS Permit Application Timelines

1-25 station project at a single site: An EVCS application will be deemed complete if after **5 business days** the city or county has not either (1) found the application to be complete or (2) issued a written deficiency notice (a) detailing all changes needed to make the application consistent with the city or county EVCS permitting checklist or (b) identifying specific information necessary for the Building Official to conduct a limited review of whether the project meets all health and safety requirements. If the city or county has not yet created its checklist, the deficiency notice will be limited to the building official's review of whether it meets all health and safety requirements of local, state, and federal law per AB 1236.

If not already approved or denied pursuant to the requirements of AB 1236 (Section 65850.7(b) or (c), respectively), the application will be deemed approved **20 business days** after it was deemed complete if (1) the city or county has not made a finding, based on substantial evidence, that the EVCS could have a specific adverse impact upon the public health or safety; (2) the city or county has not required the applicant to apply for a use permit as specified in Section 65850.7(b); and (3) an appeal has not been made to the planning commission pursuant to Section 65850.7(d).

26 or more stations at a single site: The process described above is the same for applications including 26 or more EVCS at a site, except: an EVCS application will be deemed complete after **10 business days** and will be deemed approved **40 business days** after deemed complete.

Electric Vehicle Charging Station Permit Streamlining Fact Sheet



Parking Requirements

AB 970 clarifies that cities and counties shall reduce the number of required parking spaces by the amount necessary to accommodate the EVCS if the EVCS and associated equipment interferes with, reduces, eliminates, or in any way impacts the required parking spaces for existing uses.

Connecting to the Grid & Operation

Utility approval to begin the grid connection process is a separate and distinct approval process from the city and county EVCS permitting process. Project applicants should involve their local utility early in the planning process to understand the timeline for interconnection and delineation of responsibilities, which vary by utility territory.

Before a station can be used, it must pass final inspection(s) by the local permitting jurisdiction and utility. The local jurisdiction and utility processes should be coordinated to mitigate delays, reduce inspections, and expedite site energization and commissioning.

EVCS Permitting Resources

For resources on how to become a streamlined jurisdiction, refer to [Permitting Electric Vehicle Charging Stations: Best Practices](#). The [Electric Vehicle Charging Station Permitting Guidebook](#) covers planning and site selection, permitting, accessibility, grid interconnection, and construction, commissioning and operation procedures, and best practices. The Guidebook will be updated to include the provisions of AB 970 in 2022.

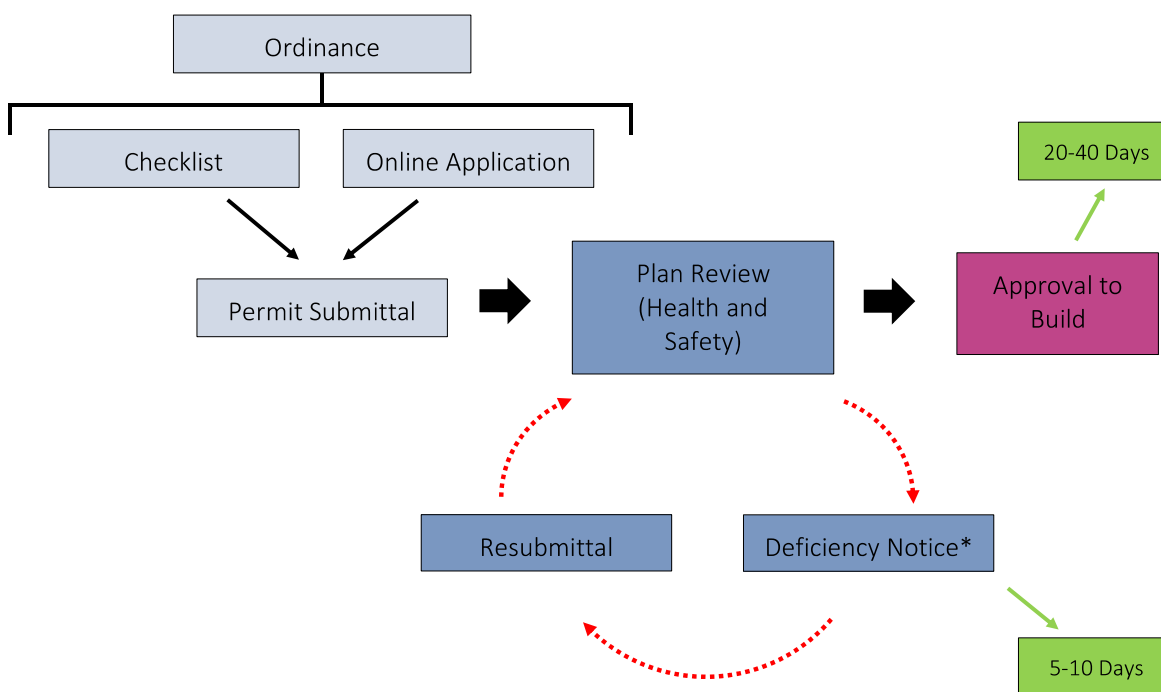
Related Relevant Laws

AB 1100 (Kamlager-Dove, 2019), codified in Vehicle Code [Section 22511.2](#): charging spaces count as at least one standard parking space for complying with minimum parking requirements. Accessible charging spaces with an access aisle count as at least two standard parking spaces.

Civil Code [Section 4745](#): limits a homeowner association's ability to prohibit or restrict the installation of an EVCS by a member.

Civil Code [Section 1947.6](#) (residential) and Civil Code [Section 1952.7](#) (commercial): tenants have the right to install EVCS and landlords must grant permission under specified circumstances.

EVCS Permit Process and Timeline



* The deficiency notice should include one complete set of comments.



City Council Staff Report

Department: ENGINEER/PLANNING

December 13, 2022

To: Mayor and City Council

From: Jason Watts, City Engineer

Subject: Notice of Completion - Alta Avenue and Nebraska Avenue Roundabout Project; Federal Project No. CML-5143(035) (JW)

RECOMMENDATION

Council accept the Alta Avenue and Nebraska Avenue Roundabout Project as complete and authorize the City Engineer to file a Notice of Completion with the Tulare County Recorder's Office.

EXECUTIVE SUMMARY

Agee Construction completed the Alta and Nebraska Avenues Roundabout Project on November 9, 2022. The project costs with change orders totaled \$5,606,512.75. Funding for this project came from various grants and local funds. The project consisted of the construction of a single lane roundabout, including a reconstructed pavement section, curb and gutter, curb ramps, sidewalk, median islands, landscape & irrigation, master planned storm drain facilities, and other miscellaneous improvements. Staff is requesting that the Council accept the project as complete and authorize the City Engineer to file the Notice of Completion with the Tulare County Recorder's Office.

OUTSTANDING ISSUES

None.

DISCUSSION

The City of Dinuba approved the construction of a modern roundabout at the intersection of Alta and Nebraska Avenues in lieu of a traditional traffic signalized intersection. Roundabouts have proven to be a much better alternative in terms of reducing carbon emissions, carrying more traffic, and enhancing safety by reducing fatal accidents.

The Alta and Nebraska Avenues Roundabout Project was awarded to Agee

Construction. The total project costs were \$5,606,512.75, which included twelve change orders in the amount of \$999,869.86. The project was funded by various grants and local funds.

Some of the change orders were for the following work:

1. Master planned storm drain improvements to accommodate future growth
2. Additional traffic control
3. Pavement shoulder stabilization along Nebraska Avenue
4. Monument sign upgrades
5. Water main adjustment within the intersection
6. Cost escalation of gas and plastic materials due to the war in Ukraine

Agee Construction did an outstanding job constructing the roundabout. Staff was very pleased with their work, professionalism and responsiveness to the city, businesses, and property owners during construction. The contractor completed work on November 9, 2022.

Traffic in the roundabout has been smooth with no major incidents reported. The roundabout has functioned as designed allowing for regular vehicles, school buses, semi-trucks, and tour buses to easily navigate the intersection. The landscape treatment and overall design of the roundabout also serves as a very nice gateway into the city on the north end of town.

The Public Works Inspector conducted final inspections on the project and determined that the work was completed in compliance with all approved plans and specifications. The final step is for the city to accept the project as complete and file a Notice of Completion with the Tulare County Recorder's Office. Pursuant to industry standards, the city withheld a 5% contract retention on all invoices received. The retention amount will be released after the Notice of Completion (NOC) is recorded. A copy of the NOC is enclosed as Attachment 'A'.

FISCAL IMPACT

The project totaling \$5,606,512.75 was funded by SB-1, Measure R, CMAQ, and local funds.

PUBLIC HEARING

None.

ATTACHMENTS:

A. Notice of Completion

RECORDING REQUESTED
AND RETURN TO:

CITY OF DINUBA
PUBLIC WORKS DEPARTMENT
405 E. EL MONTE WAY
DINUBA, CA 93618

No Fee per Government Code 6103

NOTICE OF COMPLETION

NOTICE IS HERE BY GIVEN:

1. That the City of Dinuba, a Municipal Corporation, whose address is 405 E. El Monte Way, Dinuba, California, is the owner of the real property, public works or structure hereinafter described.

2. That on the 9th of November 2022, a work of improvements on real property hereinafter described was completed pursuant to a Contract to which Chapter 5 of Part I of Division 5, of the Public Contract Code applies.

3. That the name of the Contractor who performed said work of improvements pursuant to said Contract with the City of Dinuba is Agee Construction Corporation. The surety is Liberty Mutual Insurance Company, a Massachusetts stock insurance company, 450 Plymouth road, Suite 400 Plymouth Meeting, PA 19462-1644.

4. That the real property or public works or structure is described as follows:

**City of Dinuba
Alta Avenue and Nebraska Avenue Roundabout Project**

The project consisted of the construction of a single lane roundabout, which includes a reconstructed pavement section, concrete curb & gutter, curb ramps, sidewalk, median islands, landscape & irrigation, master planned storm drain facilities, and other miscellaneous infrastructure.

5. That the Nature of the owner's interest or estate is: In Fee

Dated: _____, 2022

CITY OF DINUBA
A Municipal Corporation

By _____
Jason Watts, PE Dinuba City Engineer

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

STATE OF CALIFORNIA)
)
COUNTY OF TULARE) SS

Subscribed and sworn to (or affirmed) before me this _____ day of _____, 2022, by Jason Watts, City Engineer of the City of Dinuba, a Municipal Corporation, proved to me on the basis of satisfactory evidence to be the person who appeared before me.

Notary Public in and for the County of Tulare,
State of California



City Council Staff Report

Department: FINANCE SERVICES

December 13, 2022

To: Mayor and City Council

From: Karina Solis, Administrative Services Director

Subject: Fiscal Year 2022/23 First Quarter Financial Report (KS)

RECOMMENDATION

Council to accept the financial report for the first quarter of the 2022/2023 fiscal year.

EXECUTIVE SUMMARY

The City Charter requires the preparation of a quarterly report comparing budgeted revenues and expenditures to actual amounts. The quarterly report summarizes the city's revenue and expenditure activity for the first quarter of the fiscal year from July 1, 2022 through September 30, 2022 by fund type. This report meets the charter requirements.

OUTSTANDING ISSUES

None.

DISCUSSION

General Fund Revenues (Attachment A)

As summarized in Attachment 'A', the General Fund revenues received in the first quarter ending September 30, 2022, total 16% of the annual budget estimates while expenditures are just a little below the benchmark at 23%. It is important to note that certain revenues are collected at various times throughout the year and, therefore, are not reflected in the first quarter report. For example, the first installment of property tax revenues is collected in December/January. Staff is confident that projected revenues and expenditures will be consistent with what was budgeted.

PROPERTY TAX

Through the third quarter the City has not received any property tax revenue. At 0%, the major portion of property tax revenue is not scheduled to be distributed to cities

until the end of December or early January. The mid-year, or second quarter report, will better reflect actual revenues compared to projections.

MOTOR VEHICLE IN LIEU

As is the case with property tax, the motor vehicle in lieu revenues is also 0%. This revenue is property tax shares allocated to cities and counties that began in fiscal year 2004-2005 as compensation of Vehicle License Fee previously allocated to cities and counties by the state. The first payment is made each year in the month of December.

SALES TAX

The sales tax revenues represent the largest funding source in the general fund. At 16% actual revenues collected in the first quarter, revenues are expected to be on target.

UTILITY USERS TAX

Utility user's tax is paid to the city one month in arrears. For the first quarter the amount received is \$476,904 or 27%. Staff expects these revenues to be on target.

TRANSIENT OCCUPANCY TAX (TOT)

TOT taxes are currently at 0%. These taxes are received on a quarterly basis. The first payment will be received in October and be reflected in the second quarter financial report.

BUSINESS LICENSES

The city receives a large portion of business license receipts at the beginning of each fiscal year. Through the first quarter, the business license revenue is at 103% of budget.

PERMITS/FINES/SERVICE FEES

Charges for services are on target for the quarter at 32%. Recreational activities and permits make up a large portion of these estimated revenues.

OVERHEAD/INTERNAL SERVICE

The internal services charges are on target at 25%. These charges are allocated to the appropriate funds on a monthly basis.

OTHER REVENUE

Other revenues are from grants, franchise tax, investments, reimbursements, and

miscellaneous receipts at 3% through the first quarter, it is anticipated that they will still be aligned to the budget at the end of the fiscal year.

General Fund Expenditures (Attachment A)

The city has expended roughly 23% of its appropriations as of September 30, 2022. All departments are on target to their budgeted lines from actual to budget for the quarter.

Revenues and Expenditures - All Funds (Attachment B)

As summarized in Attachment 'B' the summary of all funds revenues reflects the revenues and expenditures for the first quarter ending September 30, 2022, by fund type.

ENTERPRISE FUNDS

UTILITY FUNDS

Through September expenses exceed revenues in the Water, Sewer and Disposal funds. While revenues were at 28% or less through September for the utility funds, expenses were at 17%, 13% and 28% respectively. The difference is primarily due to semi-annually debt payments paid during the month of September. The difference is also due to the way revenues are received. At end of this quarter the utility fund revenues only reflect one month's worth of revenues due to the timing of the billing cycles.

TRANSIT

Expenses are at 64% of projected budget. The revenues are at 3% due to the way the receipts are handled in this fund. Funds were previously received from Fresno County, the State of California, and the federal government, but now that the Tulare County Regional Transit Authority (TCRTA) joint powers authority is managing the City's transit, revenues received (reimbursements) will be solely from the TCRTA. Through September, only payment for the lease of the Transit Center has been received in the amount of \$7,229.

AMBULANCE

The revenues in the Ambulance fund are at 13% due to the timing of payments received from IGT and GEMT. Staff is projecting that the fund will meet its budgeted revenue expectation. Expenses are at 29% through the first quarter.

INTERNAL SERVICE FUNDS

INSURANCE

For the first quarter the expenses are at 51% of the budgeted amounts. This is due to one-time payments made in the first quarter.

SPECIAL REVENUES

TRANSPORTATION

The fund is currently at 21% in revenue and expenses are at 15%.

PUBLIC SAFETY SALES TAX

Current expenditures in the Public Safety Fund are on target at 26%. The fund is currently at 7% in revenue received. This reflects only one month of revenue as the state distributes the sales tax revenue two month in arrears. Staff anticipates the fund to be on target at the end of the year.

COPS AND POST TRAINING

Revenues for these funds are at 1% due to the nature of these grants, expenses are made first, and then the reimbursement is received. The expenses are currently at 34%.

SUCCESSOR AGENCY

Current expenditures in the Successor Agency Fund are at 72% as debt service payments are made in the first quarter. Revenue is at 0% as property tax revenues are not received until December.

CAPITAL FUNDS

TRANSPORTATION CONSTRUCTION

Through September, expenses are at 14% while revenues are at 0%; however, the expense must be made in order to receive reimbursement.

DEBT SERVICE FUNDS

The long-term debt funds of General, Sewer and the Financing Authority are all showing expenses up to 84% through the first quarter of the year. This is due to a significant debt service payment being made in the first quarter. These payments are made semiannually and thus skew the first quarter picture. Additionally, principal payments are paid in the fall and not in the spring. Revenues and expenses are projected to meet the budgeted amount by the end of the year.

FISCAL IMPACT

Revenues and expenditures for all fund types are expected to be on target.

PUBLIC HEARING

None.

ATTACHMENTS:

- A. General Fund Revenues and Expenditures
- B. Summary of All Funds

GENERAL FUND

<u>REVENUES</u>	BUDGET 2022-2023	REVENUES AS OF 9/30/2022	PERCENTAGE REVENUES 9/30/2022
Property Tax	1,734,700	0	0%
Motor Vehicle In Lieu of VLF	2,470,000	0	0%
Sales Tax	11,130,000	1,804,903	16%
Utility Users Tax	1,760,000	476,904	27%
Transient Occupancy Tax	290,000	0	0%
Business Lic Tax	255,000	263,067	103%
Franchise Tax	306,000	0	0%
Permits/Fines/Service Fees	1,184,604	378,656	32%
Overhead	1,301,791	327,333	25%
Other	371,126	9,709	3%
<i>Total Revenues</i>	\$20,803,221	\$3,260,572	16%

<u>EXPENDITURES</u>	BUDGET 2022-2023	EXPENDITURES AS OF 9/30/2022	PERCENTAGE EXPENDITURES 9/30/2022
City Council	128,345	37,260	29%
City Attorney	200,000	68,013	34%
City Manager	325,833	103,807	32%
Human Resources	271,876	69,376	26%
Finance	837,722	249,052	30%
General Services	6,740,791	381,385	6%
Community Services	2,660,983	737,919	28%
Police Services	7,325,259	2,299,951	31%
Fire Services	2,798,908	907,638	32%
Community Development	1,669,117	338,907	20%
<i>Total Expenditures</i>	\$22,958,834	\$5,193,308	23%

FIRST QUARTERLY REPORT FUND ANALYSIS - ALL FUNDS
For the Period Ending 9/30/2022

	REVENUES			APPROPRIATIONS		
	<u>FY 2022/23 BUDGET</u>	<u>REVENUES AS OF 9/30/22</u>	<u>PERCENT REC'S YTD</u>	<u>FY 2022/23 BUDGET</u>	<u>EXPENSES AS OF 9/30/22</u>	<u>PERCENT USED YTD</u>
<u>GENERAL FUND</u>						
General Fund	\$20,803,221	\$3,260,572	16%	\$22,958,834	\$5,193,308	23%
<u>ENTERPRISE FUNDS</u>						
Vocational Center	0	85,738	0%	0	14,326	0%
Ridge Creek Golf Club	3,181,028	984,887	31%	3,173,096	869,229	27%
Water	3,242,930	382,810	12%	3,633,750	618,298	17%
Sewer	4,126,052	335,973	8%	4,314,276	580,625	13%
Disposal	3,343,213	571,603	17%	3,495,776	984,288	28%
Transit	303,017	7,650	3%	653,017	415,242	64%
CNG Station	183,600	33,427	18%	200,494	42,347	21%
Ambulance	3,556,224	456,829	13%	3,176,181	916,457	29%
<i>Sub-total</i>	<i>\$17,936,064</i>	<i>\$2,858,917</i>	<i>16%</i>	<i>\$18,646,590</i>	<i>\$4,440,812</i>	<i>24%</i>
<u>SPECIAL REVENUE FUNDS</u>						
Special Community Events	9,585	2,288	24%	11,150	1,398	13%
Gas Tax	1,018,445	60,300	6%	947,340	200,290	21%
Transportation	1,170,481	243,465	21%	1,242,907	184,447	15%
Road Repair & Acctability Act (SB1)	687,779	87,562	13%	707,403	109,357	15%
Impact Fees	3,792,086	77,730	2%	4,455,024	10,450	0%
Public Safety Sales Tax	3,200,000	221,608	7%	2,684,874	697,675	26%
COPS/Post Training Fund	110,000	865	1%	103,993	34,902	34%
State Fire Suppression Reimb	0	0	0%	114,600	72,526	63%
Fire/EMS Training	0	14,665	0%	0	0	0%
HOME/CDBG	859,505	9,531	1%	522,849	111,359	21%
Successor Agency	3,600,000	593	0%	3,476,249	2,508,768	72%
Downtown Improvement District	0	10,649	0%	0	0	0%
Assessment Districts	501,174	0	0%	484,850	116,112	24%
Community Facilities Districts	72,665	1	0%	53,299	8,083	15%
<i>Sub-total</i>	<i>\$15,021,720</i>	<i>\$729,257</i>	<i>5%</i>	<i>\$14,804,538</i>	<i>\$4,055,367</i>	<i>27%</i>
<u>INTERNAL SERVICE FUNDS</u>						
Insurance Risk	2,306,625	580,680	25%	2,083,999	1,069,690	51%
Health	3,049,020	880,548	29%	2,910,000	872,519	30%
Technology Replacement	67,868	0	0%	66,873	8,843	13%
Fleet Maintenance	414,321	103,581	25%	410,797	91,113	22%
Property & Facility Maintenance	441,576	110,288	25%	441,576	87,060	20%
<i>Sub-total</i>	<i>\$6,279,410</i>	<i>\$1,675,097</i>	<i>27%</i>	<i>\$5,913,245</i>	<i>\$2,129,225</i>	<i>36%</i>
<u>CAPITAL FUNDS</u>						
Transportation Construction	10,404,767	0	0%	10,702,554	1,447,773	14%
Water Capital Projects	2,028,042	0	0%	1,300,542	225	0%
Sewer Capital Projects	3,037,001	0	0%	2,218,500	10,031	0%
MTBE	150,000	0	0%	150,000	0	0%
DBCP			0%			0%
Capital Facilities	2,782,168	1	0%	2,728,468	49,115	2%
<i>Sub-total</i>	<i>\$18,401,978</i>	<i>\$1</i>	<i>0%</i>	<i>\$17,100,064</i>	<i>\$1,507,144</i>	<i>9%</i>
<u>DEBT SERVICE FUNDS</u>						
General Debt	349,718	1	0%	349,718	268,473	77%
Water Debt	557,671	1,249	0%	557,671	0	0%
Sewer Debt	826,355	1,712	0%	826,355	691,649	84%
Financing Authority Debt	1,771,486	2,639	0%	1,771,486	932,563	53%
<i>Sub-total</i>	<i>\$3,505,230</i>	<i>\$5,601</i>	<i>0%</i>	<i>\$3,505,230</i>	<i>\$1,892,685</i>	<i>54%</i>



City Council Staff Report

Department: ENGINEER/PLANNING

December 13, 2022

To: Mayor and City Council

From: Jason Watts, City Engineer

Subject: Authorization to Execute Cooperative Agreement with Tulare County for the Reconstruction of the Nebraska and Crawford Avenue Intersection.
(JW)

RECOMMENDATION

Council to approve the Cooperative Agreement with Tulare County authorizing the County to include the reconstruction of the Nebraska Avenue and Crawford Avenue Intersection as part of a bigger project with Tulare County and authorize the City Manager or designee to execute the agreement, and any related documents.

EXECUTIVE SUMMARY

City staff was advised by Tulare County that they will be doing some pavement rehabilitation work on Nebraska Avenue east of Crawford in the County. Staff asked the County if they would consider including pavement rehabilitation of the intersection of Nebraska and Crawford within the City of Dinuba as part of their project. The County agreed to include this work into the scope of their project. In order to formalize this understanding, a Cooperative Agreement must be entered into between the City of Dinuba and the County of Tulare. The city is responsible to pay for the repairs within the city and the County agreed to manage this work and pay for any work outside the Dinuba city limits.

OUTSTANDING ISSUES

None

DISCUSSION

The City of Dinuba and Tulare County have had a good working relationship over the years. The County has in the past included street work within the city limits as part of a larger county-wide project. For example, the County managed the widening of Alta Avenue from Dinuba to State Route 198, which included the portion within the City of

Dinuba. This arrangement not only saved money but made the management of the project more efficient.

Tulare County recently notified city staff that it was planning on street pavement rehabilitation work on Nebraska east of Crawford within the County. City staff asked the County if they would consider including intersection improvements at Nebraska and Crawford in their scope of work. The city identified the need to improve this intersection, and having the County include the work as part of their project would create some savings as they will be doing work near the intersection. The County agreed to add this work to their project.

Under the terms of the Cooperative Agreement, the County agrees to include the additional improvements within the project scope of work as long as the city reimburses the construction and design costs associated with the work within city limits. The city estimates the cost to improve the intersection to be \$350,000. The scope of work to the intersection of Nebraska and Crawford is shown in Attachment 'A'.

The Cooperative Agreement enclosed herein as Attachment 'B' has been reviewed by the city's attorney and approved by Tulare County.

FISCAL IMPACT

There is no fiscal impact upon authorizing and executing the agreement.

The County has estimated the construction costs to be approximately \$241,684.00, but the City is estimating the full project to potentially cost \$350,000.00.

PUBLIC HEARING

None

ATTACHMENTS:

- A. Nebraska/Crawford Intersection Project Limits
- B. Cooperative Agreement

City of



Intersection Rehabilitation

Avenue 424 (Nebraska Avenue) and Road 88 (Crawford Avenue)

Legend

 Proposed Pavement Rehabilitation Area

 Proposed Valley Gutter

 Proposed Curb Ramps

 City Limits

 Right of Ways



4CREEKS

Created by 4Creeks: 12/9/22



1 in = 130 feet

03060120180

Feet

ROAD 88

AVENUE 424

N CRAWFORD AVE

NORTH PARK APARTMENTS

City ROW

County ROW

+/- 620'

+/- 400'

+/- 560'

Proposed Curb Ramp

Proposed Curb Ramp

Proposed Curb Ramp

COOPERATIVE AGREEMENT

This Cooperative Agreement ("AGREEMENT") is made and entered into this _____ day of _____, 2022 by and between the **COUNTY OF TULARE** (hereinafter referred to as "COUNTY"), and the **CITY OF DINUBA** (hereinafter referred to as "CITY"). An individual signatory agency in this AGREEMENT is referred to as "PARTY." Collectively, the signatory agencies in this AGREEMENT are referred to as "PARTIES."

RECITALS

WHEREAS, COUNTY is the lead agency on the 2023 Road Repair and Accountability Act (RRAA) Projects (hereinafter collectively referred to as "PROJECT"), which consists of repairing asphalt materials on multiple segments of existing COUNTY roads. The work includes a combination of isolated pavement repairs or full depth pulverization of existing asphalt materials followed by the installation of new asphalt surfacing; and

WHEREAS, PROJECT consists of road improvements along twenty-one (21) locations and 33 miles of roadway repairs countywide; and

WHEREAS, one of the PROJECT locations is along Avenue 424, between Road 88 and Road 104; and

WHEREAS, the north, south, and west legs of the intersection at Avenue 424 and Road 88 (hereinafter referred to as "CITY INTERSECTION SEGMENT"), identified in the attached Exhibit "B," are located within CITY'S jurisdiction. The CITY INTERSECTION SEGMENT includes approximately 620 feet on the north leg, 400 feet on the west leg, 560 feet on the south leg of roadway improvements; and

WHEREAS, CITY requests that the CITY INTERSECTION SEGMENT be incorporated into the COUNTY'S PROJECT; and

WHEREAS, CITY is willing to lead the design of the CITY INTERSECTION SEGMENT; and

WHEREAS, COUNTY is willing to lead the construction management of the CITY INTERSECTION SEGMENT; and

WHEREAS, PROJECT completion is scheduled for October 2023; and

WHEREAS, the CITY agrees to pay the full cost of all work involved in the road rehabilitation of the CITY INTERSECTION SEGMENT; and

WHEREAS, this AGREEMENT provides the framework for the collaboration between PARTIES defining the terms and conditions under which the design and construction of CITY INTERSECTION SEGMENT are to be handled; and

WHEREAS, PARTIES are authorized to enter into this AGREEMENT per the California Government Code sections 6500 through 6599.3, sections 23004, et seq., sections 54980 through 54983 and the California Streets and Highways Code sections 1685 and 1803.

WHEREAS, on [Date], the City Council of CITY authorized the design and construction management of the CITY INTERSECTION SEGMENT, for which construction management is to be delegated to COUNTY, under CITY resolution [No.]; and

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, the PARTIES agree as follows:

ARTICLE 1. DEFINITIONS

- A. **CEQA (California Environmental Quality Act)** is the act (California Public Resources Code, sections 21000 et seq.) that requires state and local agencies to identify the significant environmental impacts of their actions and to avoid or mitigate those significant impacts, if feasible.
- B. **CONSTRUCTION PHASE**, as referred to in this AGREEMENT, is the project phase of completing the construction of the PROJECT. Work includes, but is not limited to, construction contract administration, construction inspection, materials testing, construction survey, traffic detour, construction engineering, utility relocation, changes and modifications of plans and specifications for PROJECT necessitated by unforeseen or unforeseeable field conditions encountered during construction of PROJECT, construction contingencies, and all other necessary work after advertisement of PROJECT for construction bids to cause PROJECT to be constructed in accordance with said plans and specifications approved by PARTIES.
- C. **IMPLEMENTING AGENCY**, as referred to in this AGREEMENT, is defined as the PARTY responsible for managing the scope, cost, and schedule of a project phase to ensure completion of said phase.
- D. **JURISDICTION**, as referred in this AGREEMENT, is defined as the area within the geographic boundary of CITY and the unincorporated areas of COUNTY.
- E. **RIGHT-OF-WAY PHASE**, as referred to in this AGREEMENT, is defined as the project phase of acquiring real property interests for PROJECT.
- F. **PRELIMINARY ENGINEERING**, as referred to in this AGREEMENT, is the project phase of the preparation of plans, specifications, and cost estimates for PROJECT. Work

includes, but is not limited to, topographic survey, soils report, traffic index and geometric investigations, utility engineering, and all other necessary work prior to advertisement of PROJECT for construction bids.

ARTICLE 2. COMPLETE AGREEMENT

This AGREEMENT, including any attachments incorporated herein and made applicable by reference, constitutes the complete and exclusive statement of the term(s) and condition(s) of this AGREEMENT between PARTIES and it supersedes all prior representations, understandings, and communications between the PARTIES relating to the subject matter of this AGREEMENT. The invalidity in whole or in part of any term(s) and condition(s) of this AGREEMENT shall not affect the validity of other term(s) and condition(s) of this AGREEMENT. The above referenced Recitals are true and correct and incorporated herein by reference.

ARTICLE 3. WAIVER

- A. COUNTY'S failure to insist on any instance(s) of CITY'S performance of any term(s) or condition(s) of this AGREEMENT shall not be construed as a waiver or relinquishment of COUNTY'S right to such performance or to future performance of such term(s) and condition(s), and CITY'S obligation in respect thereto shall continue in full force and effect. Changes to any portion of this AGREEMENT shall not be binding upon COUNTY except when specifically confirmed in writing by an authorized representative of COUNTY by way of a written amendment to this AGREEMENT and issued in accordance with the provisions of this AGREEMENT.
- B. CITY'S failure to insist on any instance(s) of COUNTY'S performance of any term(s) or condition(s) of this AGREEMENT shall not be construed as a waiver or relinquishment of CITY'S right to such performance or to future performance of such term(s) or condition(s), and COUNTY'S obligation in respect thereto shall continue in full force and effect. Changes to any portion of this AGREEMENT shall not be binding upon CITY except when specifically confirmed in writing by an authorized representative of CITY by way of a written amendment to this AGREEMENT and issued in accordance with the provisions of this AGREEMENT.

ARTICLE 4. SCOPE OF AGREEMENT

This AGREEMENT specifies the roles and responsibilities of the PARTIES as they pertain to the subjects and projects addressed herein. PARTIES agree to cooperate and coordinate with the other in all activities covered by this AGREEMENT and any amendments to this AGREEMENT.

ARTICLE 5. RESPONSIBILITIES

A. Environmental Findings and Approvals/Permits

- a. COUNTY is the CEQA IMPLEMENTING AGENCY for the PROJECT.
- b. COUNTY will determine the type of CEQA documentation needed and will cause that documentation to be prepared in accordance with CEQA requirements.
- c. COUNTY will ensure that qualified personnel remain available to help resolve environmental issues and perform any necessary work to ensure that the PROJECT remain in environmental compliance.
- d. CITY will review, comment, and concur on all environmental documentation (including, but not limited to, studies, reports, public notices, and public meeting materials, determinations, administrative drafts, final environmental documents, and revalidation) at appropriate stages of development prior to approval and public availability.
- e. If COUNTY makes any changes to the CEQA documentation, COUNTY will allow CITY to review, comment, and concur on those changes prior to the COUNTY'S approval at appropriate stages of development prior to public availability.
- f. If COUNTY makes any changes to CEQA-related public notices (if any), then the COUNTY will allow CITY to review, comment, and concur on those changes prior to publication and circulation.
- g. COUNTY will attend all CEQA-related public meetings (if any).
- h. COUNTY is responsible for coordinating, obtaining, implementing, renewing, and/or amending the PROJECT'S permits, agreements, and/or approvals whether they are identified in the PROJECT'S scope of work or become necessary in the course of completing the PROJECT.

B. Preliminary Engineering

- a. COUNTY is the PRELIMINARY ENGINEERING IMPLEMENTING AGENCY for the PROJECT, excluding the CITY INTERSECTION SEGMENT.
- b. CITY is the PRELIMINARY ENGINEERING IMPLEMENTING AGENCY for the CITY INTERSECTION SEGMENT.
- c. CITY will prepare and provide to COUNTY the CITY INTERSECTION SEGMENT roadway/pedestrian improvements design plans, cost estimate, and special specifications not covered by Caltrans Standards.

- d. CITY will make available to COUNTY all necessary CITY regulations, policies, procedures, manuals, standard plans, and specifications required for the construction of PROJECT when requested by COUNTY.
- e. CITY will prepare Utility Conflict Maps identifying the accommodation, protection, relocation, or removal of any existing utility that conflict with construction of the CITY INTERSECTION SEGMENT.
- f. CITY will determine the cost to positively identify and locate, accommodate, protect, relocate, or remove any utility facilities within the CITY INTERSECTION SEGMENT in accordance with federal and California laws and regulations.

C. Right-of-Way

- a. As RIGHT-OF-WAY IMPLEMENTING AGENCY, COUNTY is responsible for all RIGHT-OF-WAY work except those activities and responsibilities that are assigned to CITY.

D. Construction

- a. COUNTY is the CONSTRUCTION IMPLEMENTING AGENCY.
- b. COUNTY will advertise, open bids, award, and approve the construction contract in accordance with the California Public Contract Code and the California Labor Code.
- c. COUNTY will not advertise the construction contract for PROJECT, particularly the CITY INTERSECTION SEGMENT, until CITY accepts the final plans, specifications, and estimate package.
- d. CITY will grant to COUNTY, at no cost to the COUNTY, permission to occupy public roads in CITY and any temporary RIGHT-OF-WAY that CITY owns or has an easement for that is necessary for the construction of PROJECT.
- e. COUNTY will implement changes to the construction contract through change orders.
- f. COUNTY will require the construction contractor to furnish payment and performance bonds naming COUNTY as obligee, and CITY as additional obligee, and to carry liability insurance in accordance with the PROJECT'S specifications.
- g. The Public Works Inspector of the CITY shall inspect and approve all work performed under this Agreement and within the CITY's Right-of-Ways as demarcated in Exhibit B.

- h. Upon completion of PROJECT, CITY will operate and maintain in good condition and at CITY'S expense, all improvements constructed as part of PROJECT within CITY'S JURISDICTION.
- i. COUNTY will file the Notice of Completion upon PROJECT'S acceptance by CITY and approval by COUNTY'S Board of Supervisors.
- j. Upon approval of the Notice of Completion by COUNTY Board of Supervisors, the warranty period of one (1) year begins. CITY hereby agrees that all work completed as part of this PROJECT is subject to the above warranty period. If there is a defect in such work, the COUNTY, on behalf of the CITY, will cause the contractor that performed the adjustment services to undertake necessary corrective action.

ARTICLE 6. FUNDING

The CITY shall reimburse the COUNTY for 100% of the cost to construct the improvements along the CITY INTERSECTION SEGMENT. Reimbursement shall be based on the actual costs incurred by COUNTY. A preliminary cost estimate for improvements eligible for reimbursement to COUNTY by CITY is described in EXHIBIT A, attached hereto, and incorporated herein by this reference. The CITY shall, within 90 calendar days of the completion of the improvements and upon acceptance by the Tulare County Board of Supervisors and the receipt of the COUNTY'S invoice, issue a check to the COUNTY as reimbursement for work completed and shall be based on the COUNTY'S actual cash expenditures for the improvements. All invoices submitted by COUNTY shall be accompanied by evidence of actual costs, together with such release and waiver forms and other documentation as COUNTY customarily requires in connection with reviewing and making such payments for road improvements.

ARTICLE 7. NO RIGHTS IN THIRD PARTIES

Nothing in the provisions of this AGREEMENT is intended to create duties or obligations to or rights in third parties not parties to this AGREEMENT or to affect the legal liability of either PARTY to the AGREEMENT by imposing any standard of care with respect to the maintenance of the CITY'S property different from the standard of care imposed by law.

ARTICLE 8. INDEMNIFICATION

- A. Neither COUNTY nor any officer or employee thereof is responsible for any damage or liability occurring by reason of anything done or omitted to be done by CITY under or in connection with any work, authority or jurisdiction delegated to CITY under this AGREEMENT. It is understood and agreed that, pursuant to Government Code Section

895.4, CITY shall fully indemnify and save harmless COUNTY and its officers and employees from all claims, suits or actions of every name, kind and description brought for or on account of injury (as defined by Government Code section 810.8) occurring by reason of anything done or omitted to be done by CITY under or in connection with any work, authority, or jurisdiction delegated to CITY under this AGREEMENT. However, CITY'S indemnification of COUNTY, as provided for in this subsection, shall not include said claims, suits, or actions related to COUNTY'S oversight of the construction of the ADA ramps designed by CITY and as specified in this AGREEMENT.

- B. Neither CITY nor any officer or employee thereof is responsible for any damage or liability occurring by reason of anything done or omitted to be done by COUNTY under or in connection with any work, authority or jurisdiction delegated to COUNTY under this AGREEMENT. It is understood and agreed that, pursuant to Government Code Section 895.4, COUNTY shall fully indemnify and save harmless CITY and its officers and employees from all claims, suits, or actions of every name, kind and description brought for or on account of injury (as defined by Government Code section 810.8) occurring by reason of anything done or omitted to be done by COUNTY under or in connection with any work, authority, or jurisdiction delegated to COUNTY under this AGREEMENT. However, COUNTY'S indemnification of CITY, as provided for in this subsection, shall not include said claims, suits, or actions related to CITY'S design of the ADA ramps as specified in this AGREEMENT.

ARTICLE 9. DISPUTE RESOLUTION

- A. The Parties shall negotiate in good faith and attempt to resolve any dispute, controversy or claim arising out of or relating to this Agreement (a "Dispute") within 30 days after the date that a Party gives written notice of such Dispute to the other Party.
- B. If, after such negotiation in accordance with subsection A., above, the Dispute remains unresolved, either Party may require that a non-binding mediation take place. In such mediation, representatives of the Parties with authority to resolve the dispute shall meet for at least two (2) hours with a mediator whom they choose together. The PARTIES shall share the costs of the mediator equally.

ARTICLE 10. TERMINATION

This AGREEMENT shall terminate upon filing of the Notice of Completion and payment of final invoice unless the PARTIES agree through an amendment to this AGREEMENT to an extension of time.

ARTICLE 11. SEVERABILITY AND CONSTRUCTION

If any provision of this AGREEMENT is held to be illegal, invalid, or unenforceable under present or future laws, such provisions shall be fully severable. This AGREEMENT shall

be construed and enforced as though such illegal, invalid, or unenforceable provision had never comprised a part of this AGREEMENT and the remaining provisions of this AGREEMENT shall remain in full force and effect.

ARTICLE 12. VENUE

This AGREEMENT shall be construed in accordance with the laws of the State of California without consideration of conflict of law principles. PARTIES agree to submit themselves to the JURISDICTION of the Superior Court of Tulare County in any action relating to this AGREEMENT or the enforcement of interpretation thereof. To the fullest extent permitted by law, the PARTIES waive the venue removal provisions pursuant to California Code of Civil Procedure § 394.

[SIGNATURES ON FOLLOWING PAGE]

IN WITNESS WHEREOF, the undersigned PARTIES have executed this AGREEMENT on the day and year first written above:

CITY OF DINUBA

Date_____

By_____
Luis Patlan, City Manager

ATTEST: MARIA ALANIZ
City Clerk of the City of Dinuba

By_____

Approved as to Form:
City Attorney

By_____

COUNTY OF TULARE

Date_____

By_____
Chair, Board of Supervisors

ATTEST: JASON T. BRITT
County Administrative Officer/Clerk of the Board
of Supervisors of the County of Tulare

By_____
Deputy Clerk

Approved as to Form:
County Counsel

By_____
Deputy
Matter No. XXXXXX

Tulare County Agreement No. _____

EXHIBIT A

Construction Cost Breakdown

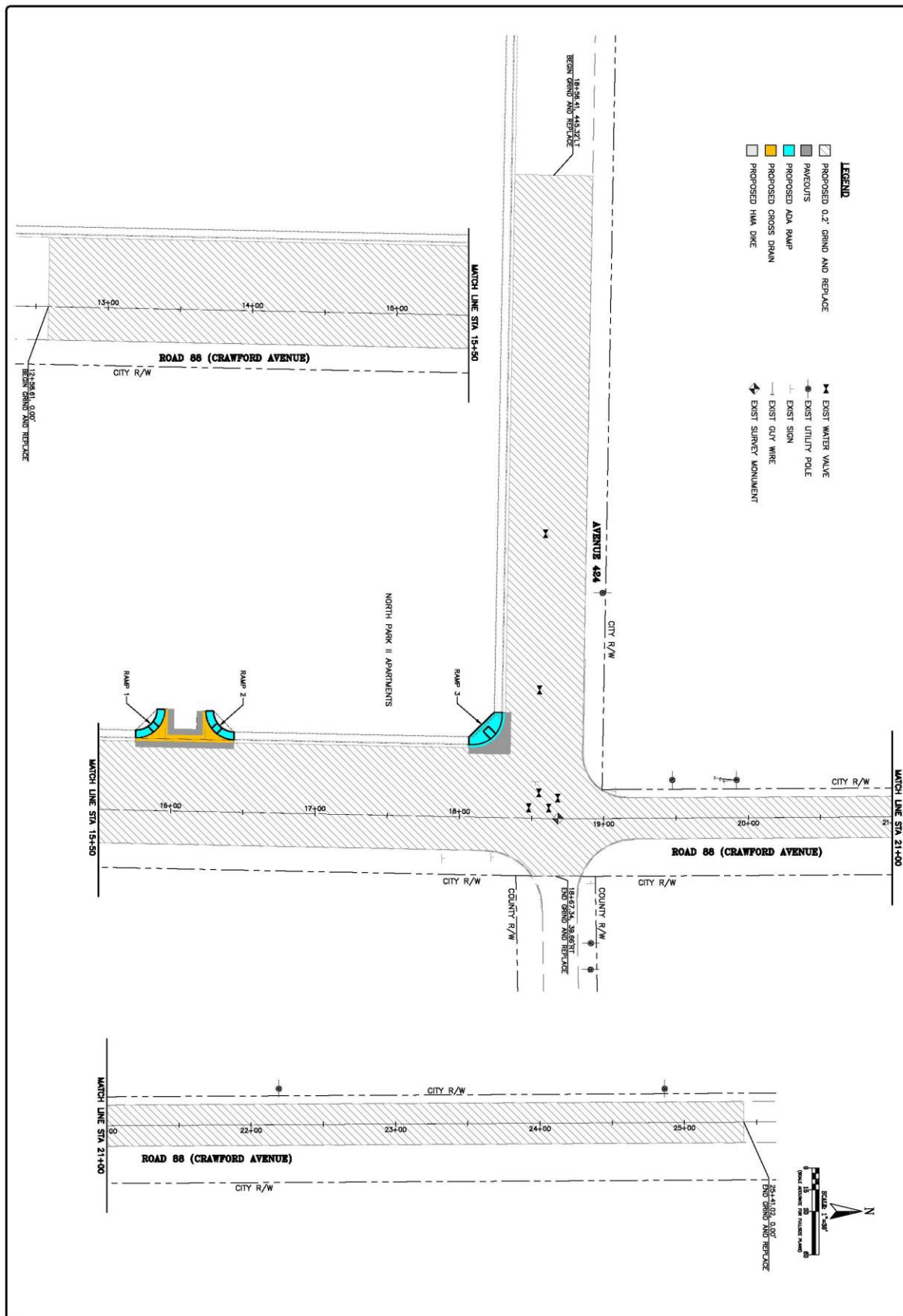
Construction Cost Breakdown*

Construction Items		
Cold Plane Asphalt Concrete Pavement	\$	19,410
Shoulder Backing	\$	1,760
Import Borrow (Shoulder Backing)	\$	2,050
Hot Mix Asphalt (Type A)	\$	144,200
Tack Coat	\$	7,500
Roadway Excavation	\$	1,480
Aggregate Base (Class II)	\$	1,520
Survey Monument	\$	2,000
Thermoplastic Pavement Markings	\$	2,300
Paint Traffic Stripe (2-Coat)	\$	8,280
Place Hot Mix Asphalt Dike (Type F)	\$	1,660
Minor Concrete (Curb Ramp)	\$	18,000
Subtotal		\$ 210,160
Contingency		\$ 31,524
Total		\$ 241,684

* This preliminary cost estimate shows construction items for improvements located within City jurisdiction. Reimbursement shall be based on the actual costs incurred by COUNTY.

EXHIBIT B

Project Limits



DATE	BY	DESCRIPTION
01/11/2011	W. J. MOORE	DESIGN
01/11/2011	W. J. MOORE	DESIGN
01/11/2011	W. J. MOORE	DESIGN
01/11/2011	W. J. MOORE	DESIGN
01/11/2011	W. J. MOORE	DESIGN
01/11/2011	W. J. MOORE	DESIGN
01/11/2011	W. J. MOORE	DESIGN
01/11/2011	W. J. MOORE	DESIGN
01/11/2011	W. J. MOORE	DESIGN
01/11/2011	W. J. MOORE	DESIGN

EXHIBIT
INTERSECTION OF AVENUE 424 AND
ROAD 88 (CRAWFORD AVENUE)
 TULARE COUNTY



COUNTY OF TULARE
 RESOURCE MANAGEMENT AGENCY
 5961 SOUTH MOONEY BLVD.
 VISALIA, CA 93277
 (559) 924-7000
 WWW.TULARECOUNTY.CA.GOV/RMA

REVISIONS		
NO.	DESCRIPTION	DATE

Tulare County Agreement No. _____



City Council Staff Report

Department: FINANCE SERVICES

December 13, 2022

To: Mayor and City Council

From: Karina Solis, Administrative Services Director

Subject: Resolution No. 2022-61 Adopting and Amending the Investment Policy (KS)

RECOMMENDATION

Council approve amendment to update the City's Investment Policy to reflect the council authorized investment with the Tulare County Investment Pool and investment with Joint Powers Authority pursuant to section 6509.07 under California Debt and Investment Advisory Committee (CDIAC).

EXECUTIVE SUMMARY

This policy is updated to provide clarification on the source of allowable investments and include best practices for investment pools and Joint Powers Authorities such as the California Asset Management Trust (CAMP).

OUTSTANDING ISSUES

None.

DISCUSSION

The current Investment Policy, while adequate, lacks some components considered best practices. Our auditors have recommended we update our policy and adopt these components. In adopting those recommendations the following sections are added:

E. Performance and impairment – identifies the steps taken to identify any investments which may have an impairment and therefore require an adjustment in the financial statements.

G. Review and analysis of prospective investments – identifies steps taken to ensure investments comply with this policy.

H. Interest allocation – Describes how the city allocates interest to the various funds in the investment pool.

The following sections are amended in order to provide clarity and indicate all allowable investments permitted by Government Code.

D. Allowable investments – Now refers to California Government Code and the California Debt and Investment Advisory Committee (CDIAC) and indicates which of these allowable investments have been authorized by Council.

I. Reporting – This section now indicates the timing of the reports (semi-annually) and the information included in the reports.

K. Delegation of authority – This section is updated to indicate the source of the delegation (Charter).

In the Allowable Investments (section D), the updated policy would allow for investments with Joint Powers Authorities to invest shares of a trust which would include California Asset Management Program (CAMP).

The California Asset Management Program (CAMP) was created in 1989 when two public agencies formed the California Asset Management Program Trust with the objective of meeting local government investment needs at a reasonable cost. The trust's activities are directed by a Board of Trustees, all of whom are finance officials of California public agencies. As a result, the trust is accountable solely to its public agency shareholders.

Initially, the Trust was formed to assist California public agencies with investing proceeds of tax-exempt bonds and complying with the arbitrage regulations. Responding to the needs of its Shareholders, the Trust was later modified to provide for the investment of operating funds and capital reserves.

The Trust's Cash Reserve Portfolio (Pool) is a short-term portfolio which, in order of priority, seeks to preserve principal, provide daily liquidity and earn a high level of income. The Pool is a long-established short-term investment alternative for California public agencies. In conjunction with the Pool, the Trust offers a variety of cash management tools to assist public agencies in effectively managing their cash. As of 10/31/2022 the Pool has over \$8.06 billion in public agency assets under management.

Some of the key benefits of the Pool, as identified within the Program Guide, are as follows:

- Safety: Standard and Poor's (S&P), one of the nationally recognized rating agencies, reviews the assets of the Pool each week. For the Pool to maintain the S&P "AAAm" rating, the Pool must meet certain credit rating standards and

not exceed the average maturity allowed by S&P. In addition, a third-party custodian holds all cash and securities.

- Daily liquidity: Shareholders may make withdrawals on any business day (same day if CAMP is notified by 11:00 a.m. Pacific Time), and there is no limit on the number of transactions.
- Competitive yields
- Unlimited investments and withdrawals
- Interest earned daily and credited monthly
- Monthly statements

CAMP is governed by a seven-member board of California public finance officials. CAMP's Investment Adviser, PFM Asset Management LLC (PFMAM), provides day-to-day portfolio management and program administrative services. PFMAM specializes in providing investment management services to public agencies. As of 9/30/2022, PFMAM had \$186.0 billion in total assets, including \$140.3 billion in discretionary assets under management and \$45.7 billion in non-discretionary assets under advisement, including \$31.9 billion for California public agencies.

FISCAL IMPACT

None.

PUBLIC HEARING

None.

ATTACHMENTS:

A. Resolution No. 2022-61 Amending and Adopting the City Investment Policy

Attachment "A"

RESOLUTION 2022-61
RESOLUTION OF THE CITY COUNCIL OF THE CITY OF DINUBA, CALIFORNIA,
AMENDING AND ADOPTING THE CITY INVESTMENT POLICY

WHEREAS, the City of Dinuba, California has determined that, as a policy and practice of the City, any monies ("Surplus Funds"), or surplus money in, it's treasury not required for the immediate necessities of the City, may be invested in such a manner as to maximize the return thereof for the benefit of the City, its citizens and its taxpayers; and

WHEREAS, California Debt and Investment Advisory Committee (CDIAC) defines allowable investments for municipalities; and

WHEREAS, the City Council of the City of Dinuba adopted resolution number 2022-50 authorizing investment of excess funds into the Tulare County Treasury Pool; and

WHEREAS, it is advantageous for the City of Dinuba to include Joint Powers Authorities as a method of investment as long as they meet all the outlined criteria in section D of the attached Investment Policy.

NOW, THEREFORE, BE IT RESOLVED that the City Council of the City of Dinuba, amends and adopts the Investment Policy attached Hereto as Exhibit 'A',

PASSED AND ADOPTED by the City Council of the City of Dinuba at a regular meeting held on Tuesday, December 13, 2022, by the following vote:

AYES:

NOES:

ABSENT:

ABSTAIN:

Mayor

ATTEST:

City Clerk

EXHIBIT 'A'

INVESTMENT POLICY

OF THE

CITY OF DINUBA

A. PURPOSE AND SCOPE

This statement is intended to provide guidelines for the prudent investment of the City of Dinuba's temporary idle cash for all funds, and outline the policies for maximizing the efficiency of the City's cash management system. The ultimate goal is to enhance the economic status of the City while protecting its pooled cash. It is intended that this policy cover all otherwise unrestricted funds and investment activities under the direct authority of the City Council the Board of the Successor Agency for the Dinuba Redevelopment Agency, and the Board of the Dinuba Financing Authority. This policy is in compliance with City Charter Section 5.08 – Depositories and Investments.

B. OBJECTIVE

The City's cash management system is designed to accurately monitor and forecast expenditures and revenues, thus enabling the City to invest funds to the fullest extent possible. The City attempts to obtain the highest yield obtainable as long as investments meet the criteria established for safety and liquidity. It is the duty of the City Manager to protect, preserve, and maintain cash and investments placed in his/her trust on behalf of the citizens of the City.

C. CRITERIA FOR INVESTMENTS

The City of Dinuba operates its temporarily idle pooled cash investments under the prudent man rule. That rule states, in essence, that "in investing property for the benefit of another, a trustee shall exercise the judgment and care, under the circumstances then prevailing, which persons of prudence, discretion, and intelligence exercise in the management of their own affairs, not for speculation, but for investment considering the probable safety of their capital as well as the probable income to be derived."

The basic premise underlying the City's investment philosophy is, and will continue to be, to ensure that pecuniary assets are always safe and available when needed. Therefore, the criteria for selecting investments, and the order of priorities are:

1. **SAFETY** - The safety and risk associated with an investment refers to the potential loss of principal, interest or a combination of these amounts. Safety of principal is the foremost objective of the investment program. Investments of the City of Dinuba shall be undertaken in a manner that seeks to ensure the preservation of capital in the overall portfolio. To attain this objective, diversification is required in order that potential losses on individual securities do not exceed the income generated from the remainder of the portfolio.

2. LIQUIDITY - This refers to the ability to “cash in” at any moment in time with a minimal chance of losing some portion of principal or interest. The investment portfolio will remain sufficiently liquid to enable the City to meet all operating requirement that might be reasonably anticipated.
3. RATE OF RETURN – Rate of return is the potential dollar earnings an investment can provide, and sometimes is described as the rate of return. Yield is a consideration only after the basic requirements of safety and liquidity have been met.
4. MATURITY – The maturity of all investment shall be selected to anticipate the cash needs of the City, thus avoiding forced liquidations.

D. ALLOWABLE INVESTMENTS

California Government Code defines allowable investments for municipalities. The California Debt and Investment Advisory Committee (CDIAC) provides a summary of allowable investments. The City’s allowable investments derived from CDIAC will be limited to the following categories:

- Local Agency Bonds
- Local Agency Investment Fund (LAIF)
- U.S. Treasury Obligations
- Negotiable Certificates of Deposit
- Non-negotiable Certificates of Deposit
- Medium-Term Notes
- Mutual Funds and Money Market Mutual Funds
- Collateralized Bank Deposits
- County Pooled Investment Funds
- Shares of beneficial interest issued by a joint powers authority organized pursuant to Section 6509.7 that invests in the securities and obligations authorized in subdivisions (a) to (q), inclusive. Each share shall represent an equal proportional interest in the underlying pool of securities owned by the joint powers authority. To be eligible under this section, the joint powers authority issuing the shares shall have retained an investment adviser that meets all of the following criteria:
 - (1) The adviser is registered or exempt from registration with the Securities and Exchange Commission.
 - (2) The adviser has not less than five years of experience investing in the securities and obligations authorized in subdivisions (a) to (q), inclusive.
 - (3) The adviser has assets under management in excess of five hundred million dollars (\$500,000,000).

E. PERFORMANCE MEASUREMENT AND IMPAIRMENT

The City shall comply with Government Code 54646 (a)(b) and shall within 30 days of the end of each quarter, provide an analysis of the value of individual investments by determining the market value as of the date of the Report in Section I and determining whether an impairment exists. Impairment is defined as follows:

Investments are deemed “impaired” when either of the following occurs:

1. There is a significant decline (20% or more) in the fair value of the instrument as compared to its original costs; or
2. There is a prolonged decline in the fair value, i.e. for a period of more than one year, over the entire period for which the instrument has been held.

Recognized investment losses shall be allocated in the same manner used in Section H for interest allocation.

F. INVESTMENTS NOT ALLOWED

Investments not specifically stated under "Allowable Investments", such as common or preferred stock, convertible or corporate bonds, commodities, options, limited partnerships, negotiable CD's, uninsured deposits, etc.

G. REVIEW AND ANALYSIS OF PROSPECTIVE INVESTMENTS

The securities held by the City must be in compliance with Section D “Allowable Investments” at the time of purchase. Because some securities may not comply with Section D subsequent to the date of purchase, the City shall at least quarterly review the portfolio to identify those securities that do not comply. The City Manager shall report to the Council, the major and critical incidences of noncompliance identified through the review of the portfolio. Due to the complexity of the various investment instruments available and uncertainty of market conditions the City Manager may seek professional advice in making investment decisions in order to optimize investment selections.

The Administrative Services Director shall review this Investment Policy annually for any changes required by law or policy.

H. INTEREST ALLOCATION

Interest earned by the City, the Agency, and the Authority on their pooled investments will be allocated to any fund in accordance with the policies set by the City Manager.

I. REPORTING

The Administrative Services Director shall prepare a report of City Investments semi-annually. This report will include the following:

1. A Statement of Compliance with the Investment Policy
2. A listing of individual securities and moneys held at the end of the reporting period to include:

- a. The type of instrument.
 - b. The name of the issuer.
 - c. Purchase date, maturity date, and days to maturity.
 - d. Issuers rating.
 - e. Par and dollar amount invested in each security.
 - f. The current market value of securities as of the date of the report and the source of the valuation.
3. A Statement of Interest Earnings Report.
4. If applicable, a description of any funds, investments, or programs that are under the management of contracted parties but excluding funds deposited into the Local Agency Investment Fund administered by the State Treasurer.

This report will be submitted to City Council.

J. BANKING INSTITUTION PREFERENCE

As often as is practical, but in no case not less than once each five years, the Administrative Services Director will review the banking services provided to the City by its primary banking institution including, but not limited to, monthly service charges, charges for direct deposit, charges for account reconciliation, and interest earned on deposits. Other banking institutions will be consulted in order to obtain quality services for the City at the most reasonable cost to the City. If a change of institutions is warranted, the Administrative Services Director will recommend the change to the City Manager for concurrence.

Preference will be given to banking institutions having branch offices within the City of Dinuba.

K. DELEGATION OF AUTHORITY:

The City's Charter provides for the investment of monies in Section 5.08 which states:

"The Finance Department shall receive and account for all revenues, monies and assets received by the city or any of its agencies from any and all sources."

The Administrative Services Director shall be designated as the Treasurer and shall be responsible for all transactions undertaken and shall establish a system of controls to regulate the activities of subordinate officials.



City Council Staff Report

Department: CITY MANAGER'S OFFICE

December 13, 2022

To: Mayor and City Council

From: Daniel James, Assistant City Manager

Subject: Conference with Legal Counsel - Pending Litigation (DJ)

RECOMMENDATION

Significant exposure to litigation pursuant to subdivision (b) of Government Code Section 54956.9; One (1) case.

EXECUTIVE SUMMARY

None.

OUTSTANDING ISSUES

None.

DISCUSSION

None.

FISCAL IMPACT

None.

PUBLIC HEARING

None.