TEHAMA COUNTY BOARD OF SUPERVISORS

Robert Burroughs, District 1
Tom Walker, District 2, Vice Chair
VACANT, District 3
Matt Hansen, District 4, Chairman
Greg Jones, District 5

Gabriel Hydrick
Chief Administrator

Margaret Long
County Counsel

Sean Houghtby
Clerk of the Board
(530) 527-3287

Board Chambers
727 Oak Street, Red Bluff, CA 96080
(530) 527-4655
http://www.tehama.gov

AGENDA FOR TUESDAY, DECEMBER 16, 2025

The Board of Supervisors welcomes you to their meetings which are regularly scheduled for each Tuesday. Your participation and interest are encouraged and appreciated. Members of the public may address the Board from the podium on items on the agenda when the matter is called. The Board reserves the right to limit the time devoted to any item on the agenda and to limit the time of any speaker.

The Board wishes to ensure that business is conducted in an orderly fashion and the public is asked to be courteous and polite when addressing the Board and to be respectful to others attending the Board meeting. The Board has adopted a Code of Conduct for the public attending these meetings. The Code of Conduct is posted in the Chambers and online at https://www.tehama.gov/wp-content/uploads/2025/09/PUBLIC-CODE-OF-CONDUCT.pdf. Any disorderly conduct which disrupts, disturbs, or otherwise impedes the orderly conduct of the Board meeting is prohibited.

Members of the public who are unable to attend in person may participate, listen and watch in the following ways:

1) To participate in the Board meeting, the public may listen and comment over the phone by calling: (530) 212-8376, conference code 933876. Press 5* to raise your hand to comment.

2) Members of the public who are unable to attend in person may watch and listen via the web at: https://tehamacounty.legistar.com/Calendar.aspx. To comment on an upcoming agenda item, call (530) 212-8376, conference code 933876. Press 5* to raise your hand to comment at the time the item is called.

The audio and live video streaming is being offered as a convenience. The Board meeting will continue even if there is a disruption. If there is a disruption, the public is encouraged to consider an alternate option listed above. If you have trouble connecting or accessing the meeting, contact the Board office for assistance at (530) 527-4655.

Please refer to the last page of the agenda for information on how to participate in the

meeting, as well as the various options being made available for members of the public to provide comment.

The County of Tehama does not discriminate on the basis of disability in admission to, access to, or operation of its buildings, facilities, programs, services, or activities. Questions, complaints, or requests for additional information regarding the Americans with Disabilities Act (ADA) may be forwarded to the County's ADA Coordinator: Tom Provine, County of Tehama, 727 Oak St., Red Bluff, CA 96080, Phone: (530) 527-4655. Individuals with disabilities who need auxiliary aids and/or services or other accommodations for effective communication in the County's programs and services are invited to make their needs and preferences known to the affected department or the ADA Coordinator. For aids or services needed for effective communication during Board of Supervisors meetings, please contact the ADA Coordinator two business days prior to the day of the meeting. This notice is available in accessible alternate formats from the affected department or the ADA Coordinator.

The Agenda is divided into two sections:

CONSENT AGENDA:

These items include routine financial and administrative actions and are usually approved by a single majority vote. Any Board member, staff member or interested person may request that an item be removed from the Consent Agenda for discussion on the Regular Agenda.

REGULAR AGENDA:

These items include significant financial and administrative actions of special interest that are usually approved individually by a majority vote. The Regular Agenda also includes noticed hearings and public hearings. The times on the agenda are approximate.

9:00 AM CALL TO ORDER / PLEDGE OF ALLEGIANCE

REMINDER - December 23rd Board meeting is cancelled pursuant to Board policy

PLEASE TURN OFF OR MUTE YOUR CELL PHONE

PUBLIC COMMENT

This is a time set aside for members of the public to directly address the Board of Supervisors on any item of interest to the public that is within the subject matter jurisdiction of this board. No action shall be taken on any item not appearing on the agenda unless the action is otherwise authorized by subdivision (b) of section 54954.2 of the government code. This board has chosen to exercise its discretion and limit each speaker to three (3) minutes. Public Comment may be limited to the first 30 minutes of the meeting and if there are more speakers than this time limit will allow, the Chair may request that remaining speakers wait until the end of the meeting, at which point public comment may be reopened.

Members of the public will be allowed to address the Board of Supervisors regarding items appearing on the agenda at the time the item is called.

ANNOUNCEMENT OF AGENDA CORRECTIONS

PREVIOUS REPORTABLE ACTIONS FROM CLOSED SESSION

BOARD OF SUPERVISORS STANDING AND AD HOC COMMITTEE

Receive reports from the following standing and ad hoc committees, and discussion and possible direction to the committees regarding future meetings and activities within each committee's assigned scope:

Public Works Committee (Standing) (Hansen, Walker)

Veterans Halls Advisory Committee (Standing) (Burroughs, Jones)

Public Safety Tax Initiative Working Group (Burroughs, Jones)

Personnel Procedures & Guidelines Ad Hoc Committee (Burroughs, Walker)

City of Red Bluff/Tehama County Ad Hoc Committee (Walker, Burroughs)

Rent Control Ordinance Ad Hoc (Jones, VACANT)

REPORTS OF MEETINGS ATTENDED INCLUDING AB1234

ANNOUNCEMENTS BY COUNTY DEPARTMENTS

This is an opportunity for a County Department to provide information to the Board and the general public. These announcements are to be as brief and concise as possible and not used to seek direction from the Board.

CONSENT AGENDA

1. GENERAL WARRANT REGISTER - 11/23/25 - 11/29/25 **25-2076**

2. AUDITOR'S CLAIMS **25-2095**

a) Court Operations, 2026-53221, Richard J. Ofshe Inc., $1,837.50.

3. PROBATION **25-2122**

a) TRANSFER OF FUNDS: PROBATION, B-23, From Maintenance of Equipment (2037-53170) $7,888.35 to Office Equipment (2037-57601) $7,888.35 **(Requires a 4/5's vote)**

4. PROBATION **25-2123**

a) TRANSFER OF FUNDS: PROBATION, B-24, From CalAIM (2036-4505724), to Contingency (2002-59000), $19,305.60; and From Contingency (2002-59000) to Professional/Special Services (2036-53230), $19,305.60 **(Requires a 4/5's vote)**

5. ENVIRONMENTAL HEALTH 25-2121

a) TRANSFER OF FUNDS: ENVIRONMENTAL HEALTH, B-22 - Fund Balance Available (101-301900) to Professional Services (4011-53230), $22,388.08 **(Requires a 4/5's vote)**

6. DISTRICT ATTORNEY 25-2124

a) TRANSFER OF FUNDS: DISTRICT ATTORNEY, B-25 - From State Asset Seizure Funds (2013-471122), $3,500, to Contingency (2002-59000), $3,500; from Contingency (2002-59000), $3,500, to Internal Assets (2013-53800), $3,500 **(Requires a 4/5's vote)**

7. DISTRICT ATTORNEY 25-2087

a) AGREEMENT - Request approval and authorization for the Chairperson to sign the amendment to the Interagency Memorandum of Understanding (2023-195) with the Tehama County Department of Education for the purpose of increasing the grant total from $265,500 to $295,000 and to extend the term of the agreement from 12/31/25, to 5/31/26

8. SHERIFF'S OFFICE 25-2088

a) TRANSFER OF FUNDS: SHERIFF, B-26 - From CALAIM (2032-4505723), to Contingency (2002-59000), $29,512.05; and from Contingency (2002-59000) to Professional/Special Services (2032-53230), $29,512.05 **(Requires a 4/5's vote)**

9. SHERIFF'S OFFICE 25-2089

a) TRANSFER OF FUNDS: SHERIFF, B-27 - From Public Safety (106-301900), to Contingency (2002-59000), $19,500.00; and From Contingency (2002-59000) to Professional/Special Services (2032-53230), $19,500.00 **(Requires a 4/5's vote)**

10. HEALTH SERVICES AGENCY / PERSONNEL 25-2099

a) OTHER THAN "A" STEP - Request approval to appoint the applicant as an Institutional Licensed Crisis Health Worker II, Range 39, Step B, effective 12/28/25, or upon successful completion of all pre-employment requirements

11. BOARD OF SUPERVISORS 25-2081

a) Determine that there is a need to continue the emergency proclamation, proclaiming the existence of the local emergency in Tehama County that caused conditions of peril

REGULAR AGENDA

12. GREEN WASTE OF TEHAMA - District Manager Amanda Garrett and Sustainability Coordinator Max Bartlett 25-2054

a) INFORMATIONAL PRESENTATION - Regarding Green Waste's proposed Education Plan for 2026 and overall program management goals related to residential and commercial solid waste management services in the unincorporated areas of Tehama County

b) Board discussion and possible approval of the Green Waste Customer Education Program for 2026

13. 3RD ANNUAL HOLIDAY LIGHTS CONTEST - BOARD OF SUPERVISORS 25-2092

a) Discussion and announcement by the Board of selected winner of the 3rd Annual Holiday Lights Contest

14. FIRE - Fire Chief Monty Smith 25-2001

a) BID AWARD - Request to award the bid for a Type 1 Fire Engine to Fire Apparatus Solutions in the amount of $1,233,019.63 and further authorize the Purchasing Agent to sign the purchase order for the acquisition

15. PUBLIC WORKS - Interim Director Tom Provine 25-2131

a) INFORMATIONAL PRESENTATION - Presentation and direction to staff regarding the structural options and funding needs for the reopening of the emergency bridge closure on Newville Road at Kendrick Creek

16. TREASURER-TAX COLLECTOR / PURCHASING - Purchasing Agent Tom Provine 25-2008

a) AGREEMENT - Request approval and authorization for the Treasurer/Tax Collector to sign the Agreement with Invoice Cloud for the purpose of providing electronic payment services, effective upon date of signing for a period of three years, and will automatically renew for successive one (1) year terms until terminated

17. ADMINISTRATION - Administrative Services Director Tom Provine 25-2052

a) CHANGE ORDER - Request confirmation of Change Order No. 4 to the agreement with D.H. Slater & Son, Inc. (Misc. Agree. #2023-298) for the Tehama County Re-Entry Facility, thereby allowing for changes as listed, for a contract increase in the amount of $12,720.65

b) CHANGE ORDER - Request confirmation of Change Order No. 5 to the agreement with D.H. Slater & Son, Inc. (Misc. Agree. #2023-298) for the Tehama County Re-Entry Facility, thereby allowing for changes as listed, for a contract increase in the amount of $29,532.56

c) CHANGE ORDER - Request confirmation of Change Order No. 6 to the agreement with D.H. Slater & Son, Inc. (Misc. Agree. #2023-298) for the Tehama County Re-Entry Facility, thereby allowing for changes as listed, for a contract increase in the amount of $95,507.53

d) CHANGE ORDER - Request confirmation of Change Order No. 7 to the agreement with D.H. Slater & Son, Inc. (Misc. Agree. #2023-298) for the Tehama County Re-Entry Facility, thereby allowing for changes as listed, for a contract increase in the amount of $466,386.20

18. ADMINISTRATION - Administrative Services Director Tom Provine 25-2094

a) Board discussion of potential projects for the 2025 Community Development Block Grant Notice (CDBG) of Funding Availability (NOFA) and direction to staff to apply and return to the Board with the required resolution for authorization to submit, as required by the CDBG NOFA

19. ADMINISTRATION - Administrative Services Director Tom Provine **25-2082**

a) AGREEMENT - Request approval and authorization for the Chief Administrator to sign the Amendment to Miscellaneous Agreement 2023-114 with Lenders Construction Services, LLC for the Tehama County Re-Entry Facility, thereby increasing the total compensation to not exceed $1,762,398, for a total increase of $269,498 *(Subject to receipt of required insurance documentation)*

20. ADMINISTRATION - Chief Administrator Gabriel Hydrick **25-2039**

a) Request approval and authorization for the Chief Administrator to accept the proposal submitted by Matrix Consulting Group to conduct an assessment focused on Franchise Fees and cost allocation and to initiate the work as outlined in the proposal

21. COUNTY COUNSEL - Senior Deputy County Counsel Daniel Klausner **25-2085**

a) AGREEMENT - Request approval and authorization for the Chair to sign the Legal Services Agreement with El Camino Irrigation District for the purposes of general legal services, effective upon all party signatures and shall terminate 12/31/30

FUTURE AGENDA ITEMS

Future Agenda Items is an opportunity for a Board member to present a topic to the full Board and County Departments and allow the Board to express majority that staff should be directed to address the issue and bring it back to the full Board as an agendized matter. This is not a time for the Board to address the merits or express their opinions on the issue but solely to decide if staff should expend resources in researching and preparing documents for consideration at a public board meeting. More complex issues may result in a future study session.

CLOSED SESSION

Members of the public may address the Closed Session matters at the time the closed session is announced.

22. CLOSED SESSION **25-2042**

a) EMPLOYEE NEGOTIATIONS - CONFERENCE WITH LABOR NEGOTIATORS (Government Code Section 54957.6)

Agency Negotiators: Gabriel Hydrick

Employee: Health Services Agency Executive Director

23. CLOSED SESSION **25-2139**

a) CONFERENCE WITH LEGAL COUNSEL - ANTICIPATED LITIGATION (54956.9

(d) (2) (Union Pacific Railroad))

REPORTABLE ACTIONS FROM CLOSED SESSION

ADJOURN

Any written materials related to an open session item on this agenda that are submitted to the Board of Supervisors, and that are not exempt from disclosure under the Public Records Act, will be made available for public inspection at the Tehama County Clerk of the Board of Supervisors Office, 633 Washington St., Rm. 12 (P.O. Box 250), Red Bluff, California, 96080, (530) 527-3287 during normal business hours.

The deadline for items to be placed on the Board's agenda is 5 p.m. on the Wednesday Thirteen days prior to the meeting on Tuesday, unless a holiday intervenes. Items not listed on the Agenda can only be considered by the Board if they qualify under Government Code Section 54954.2(b) (typically this applies to items meeting criteria as an off-agenda emergency).

DISCLOSURE OF CAMPAIGN CONTRIBUTIONS PURSUANT TO GOVERNMENT CODE SECTION 84308:

Members of the Board of Supervisors are disqualified and not able to participate in any agenda item involving contracts (other than competitively bid, labor, or personal employment contracts), franchises, discretionary land use permits and other entitlements if the Board member received more than $250 in campaign contributions from the applicant or contractor, an agent of the applicant or contractor, or any financially interested participant who actively supports or opposes the County's decision on the agenda item since January 1, 2023. Members of the Board of Supervisors who have received, and applicants, contractors or their agents who have made, campaign contributions totaling more than $250 to a Board member since January 1, 2023, are required to disclose that fact for the official record of the subject proceeding. Disclosures must include the amount of the campaign contribution and identify the recipient Board member and may be made either in writing to the Clerk of the Board of Supervisors prior to the subject hearing or by verbal disclosure at the time of the hearing.

WAYS TO PARTICIPATE, WATCH AND LISTEN DURING THE MEETING:

1) Attend in person in Board Chambers, Tehama County Administration Building, 727 Oak St., Red Bluff, CA 96080.

2) Listen and comment over the phone by calling: (530) 212-8376, conference code 933876. Press 5* to raise your hand to comment.

3) Watch live video and listen at: https://tehamacounty.legistar.com/Calendar.aspx. To comment on an upcoming agenda item, call (530) 212-8376, conference code 933876. Press 5* to raise your hand to comment at the time the item is called.

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meeting, contact the Board office for assistance at (530) 527-4655.

PROVIDE PUBLIC COMMENT BEFORE THE MEETING BY:

1) Writing a letter to the Board of Supervisors at PO Box 250, Red Bluff, CA 96080.

2) Emailing: tcbos@tehama.gov. Written or emailed public comments received by 4:00 p.m. the day prior to the meeting will be provided to the Board members electronically or in written format and will become part of the public record.

PROVIDE PUBLIC COMMENT DURING THE MEETING BY:

1) In-Person: Board Chambers, Tehama County Administration Building, 727 Oak St., Red Bluff, CA 96080: Members of the public can provide comment in-person inside the Board of Supervisors' Chambers.

2) Over the Phone: Members of the public can call (530) 212-8376, conference code 933876. Press 5* to raise your hand to comment. The public will be placed in a call-in queue until they are permitted into the meeting for comment.

COMMUNICATIONS received by the Board of Supervisors are on file and available for review in the Office of the Clerk of the Board.

MINUTES, AGENDAS, AGENDA MATERIAL, and ARCHIVED MATERIAL is available on our website at https://tehamacounty.legistar.com/Calendar.aspx

Tehama County

Agenda Request Form

File #: 25-2076 **Agenda Date:** 12/16/2025 **Agenda #:** 1.

GENERAL WARRANT REGISTER - 11/23/25 - 11/29/25

Requested Action(s)

Financial Impact:
As listed.

Background Information:
Click here to enter Background Info.

Tehama County

TEBK400 - Check Register

Issue Dates between Nov 23, 2025 and Nov 29, 2025

Report Generated on: **Dec 1, 2025 9:31:53 AM**

Check Number	Check Date	Vendor	Vendor Name	Fund	Fund Description	Budget Unit-Account	Budget Unit Description	Description	Check Amount
00000673	11/24/2025	100502	CALIFORNIA NEWSPAPERS PARTNERS	106	PUBLIC SAFETY	2013-53240	DISTRICT ATTORNE	AS25-881	$253.97
00000674	11/24/2025	102493	HUE & CRY SECURITY	106	PUBLIC SAFETY	2007-53170	DA WELFARE FRAUD	MAINTENANCE OF EQUIPMENT	$30.00
00000674	11/24/2025	102493	HUE & CRY SECURITY	106	PUBLIC SAFETY	2013-53170	DISTRICT ATTORNE	MAINTENANCE OF EQUIPMENT	$30.00
00000674	11/24/2025	102493	HUE & CRY SECURITY	106	PUBLIC SAFETY	2036-53230	JUVENILE HALL	November JFD TCA40PA24	$50.00
00000675	11/25/2025	132340	ANTELOPE AUTO REPAIR LLC	101	GENERAL FUND	4011-53170	ENVIRONMENTAL HE	MAINTENANCE OF EQUIPMENT	$268.50
00000676	11/25/2025	100439	CORNING FORD JEEP CHRYSLER DOD	102	ROAD FUND	3011-53170	ROAD DEPARTMENT	66535	$144.17
00000676	11/25/2025	100439	CORNING FORD JEEP CHRYSLER DOD	102	ROAD FUND	3011-53170	ROAD DEPARTMENT	66554	$96.20
00000676	11/25/2025	100439	CORNING FORD JEEP CHRYSLER DOD	102	ROAD FUND	3011-53170	ROAD DEPARTMENT	66569	$101.95
00000677	11/25/2025	101719	THOMES CREEK ROCK	102	ROAD FUND	3011-53280	ROAD DEPARTMENT	109143 & 16108A	$1,883.78
00000678	11/26/2025	102493	HUE & CRY SECURITY	101	GENERAL FUND	1074-53230	FACILITIES MAINT	897932 PO429070	$262.00
00000678	11/26/2025	102493	HUE & CRY SECURITY	101	GENERAL FUND	2073-53180	PUB GUARDIAN / P	897787	$43.00
00000678	11/26/2025	102493	HUE & CRY SECURITY	112	HEALTH SERVICES	40131-53170	MENTAL HEALTH	897004	$42.00
00000679	11/26/2025	105814	MIKE'S HEATING AND AIR INC	112	HEALTH SERVICES	40251-53180	CLINIC SERVICES	6124	$440.00
00000680	11/26/2025	108325	STAPLES ADVANTAGE	108	SOCIAL SERVICES	5013-53220	SOCIAL SERVICES	LA 1054406	$1,100.48
00000680	11/26/2025	108325	STAPLES ADVANTAGE	112	HEALTH SERVICES	40121-53220	PUBLIC HEALTH	6045818095	$818.60
00000680	11/26/2025	108325	STAPLES ADVANTAGE	112	HEALTH SERVICES	40131-53140	MENTAL HEALTH	6044184330	$79.91
00000680	11/26/2025	108325	STAPLES ADVANTAGE	112	HEALTH SERVICES	40131-53220	MENTAL HEALTH	6044184330	$70.41

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00000680	11/26/2025	108325	STAPLES ADVANTAGE	112	HEALTH SERVICES	40131-53220	MENTAL HEALTH	6045818095	$998.47
00000680	11/26/2025	108325	STAPLES ADVANTAGE	112	HEALTH SERVICES	40171-53220	DRUG & ALCOHOL	6037062010	$44.96
00000680	11/26/2025	108325	STAPLES ADVANTAGE	112	HEALTH SERVICES	40171-53220	DRUG & ALCOHOL	6041037700	$55.88
00000680	11/26/2025	108325	STAPLES ADVANTAGE	112	HEALTH SERVICES	40171-53220	DRUG & ALCOHOL	6045818095	$421.26
00000680	11/26/2025	108325	STAPLES ADVANTAGE	112	HEALTH SERVICES	40251-53220	CLINIC SERVICES	6045818095	$391.29
00008216	11/26/2025	113078	EMPLOYEE BENEFIT SPECIALISTS	211	DENTAL INSURANCE	1112-53230	DENTAL	PROFESSIONAL/SPECIAL SERV	$2,070.25
00008216	11/26/2025	113078	EMPLOYEE BENEFIT SPECIALISTS	212	MEDICAL	1103-53150	MEDICAL	INSURANCE	$1,344,136.97
00008216	11/26/2025	113078	EMPLOYEE BENEFIT SPECIALISTS	212	MEDICAL	1103-53230	MEDICAL	PROFESSIONAL/SPECIAL SERV	$331.00
00008216	11/26/2025	113078	EMPLOYEE BENEFIT SPECIALISTS	213	VISION	1113-53230	VISION	PROFESSIONAL/SPECIAL SERV	$414.05
70882177	11/24/2025	134816	3A CUSTOMS INC	106	PUBLIC SAFETY	2037-53170	PROBATION	2025 Chrysler Pacifica Film	$765.00
70882178	11/24/2025	133648	AED BRANDS LLC	106	PUBLIC SAFETY	2036-53190	JUVENILE HALL	Cardiac Science G3 Battery-JDF	$482.78
70882179	11/24/2025	134185	AGILE OCCUPATIONAL MEDICINE PC	101	GENERAL FUND	1023-53230	ASSESSOR	invEM058089 agre 2023-70	$240.00
70882180	11/24/2025	V000665	ANTHRO INTERNATIONAL INC	103	CAPITAL OUTLAY	1081-57586	PLANT ACQUISITIO	COFQ14670 PO 428990	$19,221.12
70882181	11/24/2025	103939	AT&T	101	GENERAL FUND	2071-53120	CLERK - RECORDER	Phone Service	$401.31
70882181	11/24/2025	103939	AT&T	106	PUBLIC SAFETY	2035-53120	DAY REPORTING CE	BAN 9391055756 DRC	$63.23
70882181	11/24/2025	103939	AT&T	113	CHILD SUPPORT	5015-53120	CHILD SUPPORT SE	9391032837	$159.03
70882181	11/24/2025	103939	AT&T	113	CHILD SUPPORT	5015-53120	CHILD SUPPORT SE	9391032920	$32.30
70882181	11/24/2025	103939	AT&T	113	CHILD SUPPORT	5015-53120	CHILD SUPPORT SE	9391032924	$379.04

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70882181	11/24/2025	103939	AT&T	510	PRISONERS WELFAR	51010-53120	PRISONERS WELFAR	AT&T/CALNET INVOICE 11202025	$199.00
70882182	11/24/2025	103939	AT&T	101	GENERAL FUND	1023-53120	ASSESSOR	inv24361293	$32.30
70882183	11/24/2025	122025	BIMBO BAKERIES USA	106	PUBLIC SAFETY	2035-53130	DAY REPORTING CE	AC 363203-1	$25.30
70882183	11/24/2025	122025	BIMBO BAKERIES USA	106	PUBLIC SAFETY	2035-53130	DAY REPORTING CE	AC 3632031 DRC	$25.30
70882184	11/24/2025	100205	BOB'S TIRE CENTER	106	PUBLIC SAFETY	2007-53170	DA WELFARE FRAUD	MAINTENANCE OF EQUIPMENT	$750.43
70882184	11/24/2025	100205	BOB'S TIRE CENTER	106	PUBLIC SAFETY	2013-53170	DISTRICT ATTORNE	MAINTENANCE OF EQUIPMENT	$750.42
70882185	11/24/2025	142466	CARREL'S OFFICE MACHINES	101	GENERAL FUND	2011-53170	DA VICTIM/WITNES	MAINTENANCE OF EQUIPMENT	$14.48
70882185	11/24/2025	142466	CARREL'S OFFICE MACHINES	106	PUBLIC SAFETY	2007-53170	DA WELFARE FRAUD	MAINTENANCE OF EQUIPMENT	$34.00
70882185	11/24/2025	142466	CARREL'S OFFICE MACHINES	106	PUBLIC SAFETY	2013-53170	DISTRICT ATTORNE	MAINTENANCE OF EQUIPMENT	$129.40
70882185	11/24/2025	142466	CARREL'S OFFICE MACHINES	106	PUBLIC SAFETY	2037-53170	PROBATION	LSH6318274 FOR PROB COPIES ONL	$127.71
70882186	11/24/2025	142466	CARREL'S OFFICE MACHINES	101	GENERAL FUND	1023-53220	ASSESSOR	AR79707 agreement384PA25	$51.50
70882187	11/24/2025	111127	CHARTER COMMUNICATIONS	106	PUBLIC SAFETY	2007-53120	DA WELFARE FRAUD	COMMUNICATIONS	$65.00
70882187	11/24/2025	111127	CHARTER COMMUNICATIONS	106	PUBLIC SAFETY	2013-53120	DISTRICT ATTORNE	COMMUNICATIONS	$65.00
70882187	11/24/2025	111127	CHARTER COMMUNICATIONS	510	PRISONERS WELFAR	51010-53230	PRISONERS WELFAR	CHARTER COMMUNICATIONS 112025	$353.07
70882188	11/24/2025	134846	CPOC	106	PUBLIC SAFETY	2037-53290	PROBATION	S. MURPHY 12/03/25	$160.00

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								WEBINAR	
70882188	11/24/2025	134846	CPOC	106	PUBLIC SAFETY	2037-53290	PROBATION	WEBINAR EMOT INTEL R.D.	$100.00
70882189	11/24/2025	100376	CITY OF RED BLUFF	108	SOCIAL SERVICES	5013-53300	SOCIAL SERVICES	005573-000	$297.16
70882190	11/24/2025	126777	CLIFTONLARSONALLEN, LLP	106	PUBLIC SAFETY	20135-53230	DA FRAUD AUTO	PROFESSIONAL/SPECIAL SERV	$4,475.00
70882190	11/24/2025	126777	CLIFTONLARSONALLEN, LLP	106	PUBLIC SAFETY	20136-53230	DA INSURANCE FRA	PROFESSIONAL/SPECIAL SERV	$4,475.00
70882191	11/24/2025	104716	DIVERSIFIED SERVICES/COPY CENT	101	GENERAL FUND	1023-53220	ASSESSOR	inv 24846	$56.71
70882192	11/24/2025	110482	DOMINION VOTING SYSTEMS INC	101	GENERAL FUND	1052-53280	ELECTIONS	Agmt 2025-057	$6,090.00
70882193	11/24/2025	118866	EARTHGRAINS BAKING COMPANIES I	106	PUBLIC SAFETY	2036-53130	JUVENILE HALL	AC 194283-1 SNP	$139.02
70882193	11/24/2025	118866	EARTHGRAINS BAKING COMPANIES I	106	PUBLIC SAFETY	2036-53130	JUVENILE HALL	AC 214109-1	$87.56
70882194	11/24/2025	127756	EMPOWER TEHAMA	106	PUBLIC SAFETY	2035-53230	DAY REPORTING CE	Aug 2025 MRT GROUP	$6,062.58
70882195	11/24/2025	135339	FILTERBUY INC	108	SOCIAL SERVICES	5013-53140	SOCIAL SERVICES	HOUSEHOLD EXPENSE	$385.13
70882196	11/24/2025	136667	GARETH J BRISCOE	106	PUBLIC SAFETY	2013-53220	DISTRICT ATTORNE	OFFICE EXPENSE	$94.38
70882197	11/24/2025	134656	HUMBOLDT MOVING & STORAGE CO I	106	PUBLIC SAFETY	2013-53230	DISTRICT ATTORNE	PROFESSIONAL/SPECIAL SERV	$665.00
70882198	11/24/2025	136121	HUNT & SONS LLC	101	GENERAL FUND	2011-53291	DA VICTIM/WITNES	6242	$119.16
70882198	11/24/2025	136121	HUNT & SONS LLC	106	PUBLIC SAFETY	2007-53291	DA WELFARE FRAUD	6242	$539.70
70882198	11/24/2025	136121	HUNT & SONS LLC	106	PUBLIC SAFETY	2013-53291	DISTRICT ATTORNE	6178	$62.94
70882198	11/24/2025	136121	HUNT & SONS LLC	106	PUBLIC SAFETY	2013-53291	DISTRICT ATTORNE	6242	$1,937.06

Tehama County

TEBK400 - Check Register

Issue Dates between Nov 23, 2025 and Nov 29, 2025

Report Generated on: **Dec 1, 2025 9:31:53 AM**

Check Number	Check Date	Vendor	Vendor Name	Fund	Fund Description	Budget Unit-Account	Budget Unit Description	Description	Check Amount
70882198	11/24/2025	136121	HUNT & SONS LLC	106	PUBLIC SAFETY	2035-53291	DAY REPORTING CE	AC 6031 825004A	$1,040.40
70882198	11/24/2025	136121	HUNT & SONS LLC	106	PUBLIC SAFETY	2037-53291	PROBATION	AC 6031 825004B	$1,261.00
70882198	11/24/2025	136121	HUNT & SONS LLC	108	SOCIAL SERVICES	5013-53291	SOCIAL SERVICES	6041	$1,313.10
70882199	11/24/2025	130113	IC SOLUTIONS	510	PRISONERS WELFAR	51010-53120	PRISONERS WELFAR	ICS TABLET INVOICE 11202025	$664.00
70882200	11/24/2025	100842	JOB TRAINING CENTER INC	108	SOCIAL SERVICES	5013-53230	SOCIAL SERVICES	PROFESSIONAL/SPECIAL SERV	$32,029.81
70882201	11/24/2025	102715	JOEL SNOW DBA	106	PUBLIC SAFETY	2035-53170	DAY REPORTING CE	Sleeve for DRC- Supply	$30.90
70882202	11/24/2025	101699	JOHN W CORNELISON DBA	106	PUBLIC SAFETY	2035-53170	DAY REPORTING CE	Day Reporting Ctr keys	$10.77
70882202	11/24/2025	101699	JOHN W CORNELISON DBA	106	PUBLIC SAFETY	2035-53170	DAY REPORTING CE	Keys for SML	$82.95
70882203	11/24/2025	108299	KEEFE COMMISSARY NETWORK	510	PRISONERS WELFAR	51010-53130	PRISONERS WELFAR	KEEFE INVOICE 11202025	$1,825.23
70882203	11/24/2025	108299	KEEFE COMMISSARY NETWORK	510	PRISONERS WELFAR	51010-53130	PRISONERS WELFAR	KEEFE REFUND INVOICE 11202025	($23.55)
70882204	11/24/2025	108877	LEXIS NEXIS RISK DATA MGMT INC	106	PUBLIC SAFETY	2013-53230	DISTRICT ATTORNE	PROFESSIONAL/SPECIAL SERV	$1,065.75
70882205	11/24/2025	123948	LEXIS NEXIS RISK SOLUTIONS	106	PUBLIC SAFETY	2013-53120	DISTRICT ATTORNE	COMMUNICATIONS	$165.00
70882206	11/24/2025	133436	M L ESLINGER & ASSOCIATES INC	106	PUBLIC SAFETY	2037-53290	PROBATION	Real Colors (15) 11/20/25	$2,400.00
70882207	11/24/2025	110108	MATTHEW BENDER & CO	106	PUBLIC SAFETY	2013-53220	DISTRICT ATTORNE	99561845	$635.87
70882208	11/24/2025	128300	MICHELLE HICKOK	113	CHILD SUPPORT	5015-53220	CHILD SUPPORT SE	OFFICE EXPENSE	$23.60
70882209	11/24/2025	116981	NORCAL PRESORT	101	GENERAL FUND	1023-53220	ASSESSOR	in163065 PA 453PA25	$151.72
70882210	11/24/2025	101183	NORTH VALLEY DISTRIBUTING	106	PUBLIC SAFETY	2035-53170	DAY REPORTING CE	Barn Light for SML	$114.62

Tehama County

TEBK400 - Check Register

Issue Dates between Nov 23, 2025 and Nov 29, 2025

Report Generated on: **Dec 1, 2025 9:31:53 AM**

Check Number	Check Date	Vendor	Vendor Name	Fund	Fund Description	Budget Unit-Account	Budget Unit Description	Description	Check Amount
70882211	11/24/2025	104821	NORTHERN CALIFORNIA YOUTH	108	SOCIAL SERVICES	5013-532300	SOCIAL SERVICES	PROFESSION/SPEC OTHER	$4,500.00
70882212	11/24/2025	123562	OBSIDIAN	106	PUBLIC SAFETY	2036-53230	JUVENILE HALL	26240A MA 2024-24 JDF	$5,250.32
70882212	11/24/2025	123562	OBSIDIAN	106	PUBLIC SAFETY	2037-53230	PROBATION	26240B Probation MA 2024-214	$5,250.31
70882213	11/24/2025	104757	OFFICE DEPOT (BUSINESS SVCS DI	106	PUBLIC SAFETY	2037-53220	PROBATION	AC 89517192	$434.62
70882214	11/24/2025	108185	PRODUCERS DAIRY FOODS INC	106	PUBLIC SAFETY	2036-53130	JUVENILE HALL	AC 692071	$283.40
70882214	11/24/2025	108185	PRODUCERS DAIRY FOODS INC	106	PUBLIC SAFETY	2036-53130	JUVENILE HALL	AC 692071 JDF	$249.56
70882214	11/24/2025	108185	PRODUCERS DAIRY FOODS INC	106	PUBLIC SAFETY	2036-53130	JUVENILE HALL	AC 717115	$514.85
70882214	11/24/2025	108185	PRODUCERS DAIRY FOODS INC	106	PUBLIC SAFETY	2036-53130	JUVENILE HALL	AC 717115 SNP	$259.96
70882214	11/24/2025	108185	PRODUCERS DAIRY FOODS INC	106	PUBLIC SAFETY	2036-53130	JUVENILE HALL	JDF Dairy AC 692071	$124.77
70882215	11/24/2025	113400	R & R QUALITY MEATS	106	PUBLIC SAFETY	2036-53130	JUVENILE HALL	FOR SNP	$451.90
70882215	11/24/2025	113400	R & R QUALITY MEATS	106	PUBLIC SAFETY	2036-53130	JUVENILE HALL	JDF MEAT ORDER 11/21/25	$165.04
70882215	11/24/2025	113400	R & R QUALITY MEATS	106	PUBLIC SAFETY	2036-53130	JUVENILE HALL	SNP MEAT SUPPLY	$532.55
70882216	11/24/2025	106620	RALEYS IN STORE CHARGE	106	PUBLIC SAFETY	2036-53130	JUVENILE HALL	AC 5000311 Store 233	$43.68
70882217	11/24/2025	101509	SHELBY'S PEST CONTROL INC	108	SOCIAL SERVICES	5013-53180	SOCIAL SERVICES	MTCE STRUCT-IMPRV-GROUNDS	$145.00
70882218	11/24/2025	104207	ST ELIZABETH COMM HOSP	106	PUBLIC SAFETY	2036-53190	JUVENILE HALL	TC 36009894076S2C8405 09/30/25	$1,070.30

Tehama County

TEBK400 - Check Register

Issue Dates between Nov 23, 2025 and Nov 29, 2025

Report Generated on: **Dec 1, 2025 9:31:53 AM**

Check Number	Check Date	Vendor	Vendor Name	Fund	Fund Description	Budget Unit-Account	Budget Unit Description	Description	Check Amount
70882219	11/24/2025	131147	STEVE WESTABY	106	PUBLIC SAFETY	2036-53130	JUVENILE HALL	11/17/25 SNP FRUIT	$94.00
70882219	11/24/2025	131147	STEVE WESTABY	106	PUBLIC SAFETY	2036-53130	JUVENILE HALL	JDF 11/17/25 FRUIT	$94.00
70882219	11/24/2025	131147	STEVE WESTABY	106	PUBLIC SAFETY	2036-53130	JUVENILE HALL	SNP KIWI	$135.00
70882220	11/24/2025	107566	SYSCO	106	PUBLIC SAFETY	2035-53130	DAY REPORTING CE	AC 346486	$369.26
70882220	11/24/2025	107566	SYSCO	106	PUBLIC SAFETY	2035-53130	DAY REPORTING CE	DRC - CHIPS	$120.33
70882220	11/24/2025	107566	SYSCO	106	PUBLIC SAFETY	2035-53130	DAY REPORTING CE	DRC AC# 346486 Chips	$120.33
70882220	11/24/2025	107566	SYSCO	106	PUBLIC SAFETY	2036-53130	JUVENILE HALL	AC 346486 JDF	$1,725.82
70882220	11/24/2025	107566	SYSCO	106	PUBLIC SAFETY	2036-53130	JUVENILE HALL	AC 346486 SNP	$2,004.55
70882220	11/24/2025	107566	SYSCO	106	PUBLIC SAFETY	2036-53140	JUVENILE HALL	AC 346486 SNP	$146.96
70882221	11/24/2025	120624	TEHAMA PHARMACY & TRADING COMP	106	PUBLIC SAFETY	2036-53190	JUVENILE HALL	999000437A 10/25 (2) TC youth	$720.44
70882221	11/24/2025	120624	TEHAMA PHARMACY & TRADING COMP	106	PUBLIC SAFETY	2036-53190	JUVENILE HALL	999000437B 10/25 OTC Juv Hall	$6.73
70882222	11/24/2025	117079	VERIZON WIRELESS	101	GENERAL FUND	2011-53120	DA VICTIM/WITNES	770720905-00040	$41.76
70882222	11/24/2025	117079	VERIZON WIRELESS	106	PUBLIC SAFETY	2007-53120	DA WELFARE FRAUD	770720905-00040	$67.79
70882222	11/24/2025	117079	VERIZON WIRELESS	106	PUBLIC SAFETY	2013-53120	DISTRICT ATTORNE	770720905-00040	$351.10
70882223	11/24/2025	129754	VICTOR COMMUNITY SUPPORT SERVI	108	SOCIAL SERVICES	5013-532300	SOCIAL SERVICES	PROFESSION/SPEC OTHER	$14,044.30
70882224	11/24/2025	V000256	WEST COAST PAPER CO INC	108	SOCIAL SERVICES	5013-53140	SOCIAL SERVICES	1895	$294.83
70882225	11/24/2025	113681	WORLD TELECOM INC	106	PUBLIC SAFETY	2036-53170	JUVENILE HALL	CAT6 cable retermination JDF	$163.78
70882226	11/24/2025	134242	AMAZON CAPITAL SERVICES INC	101	GENERAL FUND	1025-53210	PURCHASING	Monthly invoices	$15,889.74
70882227	11/24/2025	132756	CALEPA OFFICE OF	399	DEPARTMENT	399-207761	NOT APPLICABLE	1% H&S 11489.B 2 D	$70.09

Tehama County

TEBK400 - Check Register

Issue Dates between Nov 23, 2025 and Nov 29, 2025

Report Generated on: **Dec 1, 2025 9:31:53 AM**

Check Number	Check Date	Vendor	Vendor Name	Fund	Fund Description	Budget Unit-Account	Budget Unit Description	Description	Check Amount
			DEPUTY SECRET		CLEAR				
70882228	11/24/2025	112988	FOOD MAXX	108	SOCIAL SERVICES	108-105584	NOT APPLICABLE	PREPAID GIFT CARDS	$931.20
70882229	11/24/2025	119450	JOE TONA	601	AIR POLLUTION DI	60110-53290	AIR POLLUTION DI	EMP TRAVEL/TRAINING CAPCOA	$300.03
70882230	11/24/2025	117551	RED BLUFF VISTA RIDGE ASSOC LL	101	GENERAL FUND	5062-55400	COMMUNITY ACTION	CAA Deposit #210	$492.00
70882231	11/24/2025	101620	STATE TREASURER	399	DEPARTMENT CLEAR	399-207761	NOT APPLICABLE	FORFEIT H&S 11489 B 2	$1,682.20
70882232	11/24/2025	105571	WILLOW GLEN CARE CENTER	101	GENERAL FUND	2073-55400	PUB GUARDIAN / P	SUPPORT & CARE JACOB FOREMAN	$200.00
70882233	11/25/2025	122859	ACCESS INFORMATION HOLDINGS LL	108	SOCIAL SERVICES	5013-53140	SOCIAL SERVICES	CHDE0267	$145.08
70882234	11/25/2025	132399	AMAZON CAPITAL SERVICES	535	TC CHILD & FAMIL	53510-53220	TC CHILD & FAMIL	OFFICE EXPENSE	$1,020.25
70882234	11/25/2025	132399	AMAZON CAPITAL SERVICES	535	TC CHILD & FAMIL	53510-555220	TC CHILD & FAMIL	EARLY MENTAL HEALTH	$1,072.04
70882235	11/25/2025	112295	APEX TECHNOLOGY MANAGEMENT INC	101	GENERAL FUND	1073-53170	GENERAL SERVICES	CREDIT MEMO	($102.70)
70882235	11/25/2025	112295	APEX TECHNOLOGY MANAGEMENT INC	101	GENERAL FUND	1073-53170	GENERAL SERVICES	GOLD AGREEMENT	$53,490.90
70882236	11/25/2025	130841	APPLIED SURVEY RESEARCH	535	TC CHILD & FAMIL	53510-555202	TC CHILD & FAMIL	SCHOOL READINESS	$350.00
70882236	11/25/2025	130841	APPLIED SURVEY RESEARCH	535	TC CHILD & FAMIL	53510-555204	TC CHILD & FAMIL	PROGRAM EVALUATION	$4,637.50
70882236	11/25/2025	130841	APPLIED SURVEY RESEARCH	535	TC CHILD & FAMIL	53510-555219	TC CHILD & FAMIL	TRAINING AND LEADERSHIP	$2,450.00
70882237	11/25/2025	132507	ARS AUTO INC	101	GENERAL FUND	2062-53170	CODE/MARIJUANA E	53001 po429045	$1,000.73

Tehama County

TEBK400 - Check Register

Issue Dates between Nov 23, 2025 and Nov 29, 2025

Report Generated on: **Dec 1, 2025 9:31:53 AM**

Check Number	Check Date	Vendor	Vendor Name	Fund	Fund Description	Budget Unit-Account	Budget Unit Description	Description	Check Amount
70882238	11/25/2025	103939	AT&T	101	GENERAL FUND	1014-53120	COUNTY ADMINISTR	9391032882	$19.06
70882238	11/25/2025	103939	AT&T	101	GENERAL FUND	1014-53120	COUNTY ADMINISTR	9391032893	$27.11
70882238	11/25/2025	103939	AT&T	101	GENERAL FUND	1014-53120	COUNTY ADMINISTR	9391058492	$14.54
70882238	11/25/2025	103939	AT&T	101	GENERAL FUND	1021-53120	AUDITOR CONTROLL	9391032919	$30.91
70882238	11/25/2025	103939	AT&T	101	GENERAL FUND	1025-53120	PURCHASING	9391032882	$2.91
70882238	11/25/2025	103939	AT&T	101	GENERAL FUND	1025-53120	PURCHASING	9391032893	$5.67
70882238	11/25/2025	103939	AT&T	101	GENERAL FUND	1025-53120	PURCHASING	9391058492	$2.91
70882238	11/25/2025	103939	AT&T	101	GENERAL FUND	1031-53120	COUNTY COUNSEL	9391032893	$6.30
70882238	11/25/2025	103939	AT&T	101	GENERAL FUND	1031-53120	COUNTY COUNSEL	9391058492	$3.55
70882238	11/25/2025	103939	AT&T	101	GENERAL FUND	1041-53120	PERSONNEL	9391032877	$0.03
70882238	11/25/2025	103939	AT&T	101	GENERAL FUND	1041-53120	PERSONNEL	9391032882	$1.94
70882238	11/25/2025	103939	AT&T	101	GENERAL FUND	1041-53120	PERSONNEL	9391032893	$7.57
70882238	11/25/2025	103939	AT&T	101	GENERAL FUND	1041-53120	PERSONNEL	9391058492	$4.20
70882238	11/25/2025	103939	AT&T	101	GENERAL FUND	1074-53120	FACILITIES MAINT	9391032918	$31.41
70882238	11/25/2025	103939	AT&T	101	GENERAL FUND	1074-53120	FACILITIES MAINT	9391032921	$32.30
70882238	11/25/2025	103939	AT&T	101	GENERAL FUND	1076-53120	PROPERTY PLANNIN	9391032893	$10.09
70882238	11/25/2025	103939	AT&T	101	GENERAL FUND	4011-53120	ENVIRONMENTAL HE	9391032902	$167.85
70882238	11/25/2025	103939	AT&T	101	GENERAL FUND	5060-53120	VETERANS SERVICE	9391032938	$64.50
70882238	11/25/2025	103939	AT&T	106	PUBLIC SAFETY	2027-53120	SHERIFF	9391032951	$63.05
70882238	11/25/2025	103939	AT&T	107	RISK MANAGEMENT	1101-53120	RISK MANAGEMENT	9391032877	$0.01
70882238	11/25/2025	103939	AT&T	107	RISK MANAGEMENT	1101-53120	RISK MANAGEMENT	9391032882	$8.39

Tehama County

TEBK400 - Check Register

Issue Dates between Nov 23, 2025 and Nov 29, 2025

Report Generated on: **Dec 1, 2025 9:31:53 AM**

Check Number	Check Date	Vendor	Vendor Name	Fund	Fund Description	Budget Unit-Account	Budget Unit Description	Description	Check Amount
70882238	11/25/2025	103939	AT&T	107	RISK MANAGEMENT	1101-53120	RISK MANAGEMENT	9391032893	$6.31
70882238	11/25/2025	103939	AT&T	107	RISK MANAGEMENT	1101-53120	RISK MANAGEMENT	9391058492	$7.10
70882239	11/25/2025	131348	BEARING DISTRIBUTORS INC	102	ROAD FUND	3011-53270	ROAD DEPARTMENT	9504662797	$370.30
70882239	11/25/2025	131348	BEARING DISTRIBUTORS INC	102	ROAD FUND	3011-532801	ROAD DEPARTMENT	9504657765	$361.66
70882239	11/25/2025	131348	BEARING DISTRIBUTORS INC	102	ROAD FUND	3011-532801	ROAD DEPARTMENT	9504662797	$20.52
70882240	11/25/2025	111995	BETTER CHOICES INC	108	SOCIAL SERVICES	5013-532300	SOCIAL SERVICES	PROFESSION/SPEC OTHER	$1,800.00
70882241	11/25/2025	122025	BIMBO BAKERIES USA	106	PUBLIC SAFETY	2032-53130	JAIL	64-000010291-04	$270.00
70882242	11/25/2025	V000530	BLUE TRITON BRANDS INC	101	GENERAL FUND	4011-53210	ENVIRONMENTAL HE	8730224249	$78.94
70882243	11/25/2025	142466	CARREL'S OFFICE MACHINES	101	GENERAL FUND	2062-53170	CODE/MARIJUANA E	AR79719	$106.45
70882243	11/25/2025	142466	CARREL'S OFFICE MACHINES	101	GENERAL FUND	4011-53170	ENVIRONMENTAL HE	AR79720	$109.72
70882244	11/25/2025	T0015002	CCPDA	101	GENERAL FUND	2077-53290	PLANNING DEPARTM	Membership/Reg Conf CCPDA 2026	$500.00
70882245	11/25/2025	111127	CHARTER COMMUNICATIONS	101	GENERAL FUND	1074-53120	FACILITIES MAINT	176976701-176976701110125	$100.00
70882246	11/25/2025	100375	CITY OF CORNING	101	GENERAL FUND	7031-53300	CORNING VETERANS	VET0001	$239.02
70882247	11/25/2025	100376	CITY OF RED BLUFF	106	PUBLIC SAFETY	2027-53300	SHERIFF	005683-000	$25.99
70882247	11/25/2025	100376	CITY OF RED BLUFF	106	PUBLIC SAFETY	2027-53300	SHERIFF	005916-000	$189.21
70882247	11/25/2025	100376	CITY OF RED BLUFF	106	PUBLIC SAFETY	2028-53300	AUTO SHOP	006775-000	$30.20
70882247	11/25/2025	100376	CITY OF RED BLUFF	106	PUBLIC SAFETY	2032-53300	JAIL	005686-000	$3,984.97

Tehama County

TEBK400 - Check Register

Issue Dates between Nov 23, 2025 and Nov 29, 2025

Report Generated on: **Dec 1, 2025 9:31:53 AM**

Check Number	Check Date	Vendor	Vendor Name	Fund	Fund Description	Budget Unit-Account	Budget Unit Description	Description	Check Amount
70882248	11/25/2025	100439	CORNING FORD JEEP CHRYSLER DOD	102	ROAD FUND	3011-57605	ROAD DEPARTMENT	PO 41574	$52,502.88
70882249	11/25/2025	100441	CORNING HEALTHCARE DISTRICT	108	SOCIAL SERVICES	5013-53260	SOCIAL SERVICES	DEC 2025 RENT #1707	$7,437.32
70882249	11/25/2025	100441	CORNING HEALTHCARE DISTRICT	112	HEALTH SERVICES	40121-53260	PUBLIC HEALTH	DEC 2025 RENT #1707	$2,431.07
70882249	11/25/2025	100441	CORNING HEALTHCARE DISTRICT	112	HEALTH SERVICES	40131-53260	MENTAL HEALTH	DEC 2025 RENT #1707	$876.21
70882249	11/25/2025	100441	CORNING HEALTHCARE DISTRICT	112	HEALTH SERVICES	40171-53260	DRUG & ALCOHOL	DEC 2025 RENT #1707	$876.21
70882250	11/25/2025	129245	CRAFCO, INC	102	ROAD FUND	3011-53280	ROAD DEPARTMENT	9403603672	$130.39
70882251	11/25/2025	108674	DELL MARKETING LP	101	GENERAL FUND	1021-53800	AUDITOR CONTROLL	92352546	$3,840.68
70882252	11/25/2025	103045	DEPT OF JUSTICE	418	SHERIFF DOJ SERV	418-301800	NOT APPLICABLE	120039	$1,873.00
70882253	11/25/2025	T0014207	DFM ASSOCIATES	101	GENERAL FUND	1052-53170	ELECTIONS	Dec. 2025, Agmt 2023-136	$1,966.00
70882254	11/25/2025	120882	DIGNITY HEALTH REG OFFICE-SAC	113	CHILD SUPPORT	5015-53230	CHILD SUPPORT SE	32701	$40.00
70882255	11/25/2025	133369	ELECTRONIC DIMENSIONS	106	PUBLIC SAFETY	2027-53170	SHERIFF	TCSO TEHAMA CO SHERIFF	$64.24
70882256	11/25/2025	102868	ENLOE MEDICAL CENTER	106	PUBLIC SAFETY	20321-532395	JAIL - HEALTH SE	18071624	$151.40
70882256	11/25/2025	102868	ENLOE MEDICAL CENTER	106	PUBLIC SAFETY	20321-532395	JAIL - HEALTH SE	54182625	$1,029.64
70882257	11/25/2025	105756	EVENFLO COMPANY INC	535	TC CHILD & FAMIL	53510-555220	TC CHILD & FAMIL	000601103	$2,043.83
70882257	11/25/2025	105756	EVENFLO COMPANY INC	535	TC CHILD & FAMIL	53510-555220	TC CHILD & FAMIL	000603579	$45.43
70882258	11/25/2025	123262	EXPRESS SERVICES INC	108	SOCIAL SERVICES	5013-53230	SOCIAL SERVICES	PROFESSIONAL/SPECIAL SERV	$22,644.00
70882259	11/25/2025	127735	FASTRAK INVOICE PROCESSING DEP	106	PUBLIC SAFETY	2027-53291	SHERIFF	1632421	$8.00

Tehama County

TEBK400 - Check Register

Issue Dates between Nov 23, 2025 and Nov 29, 2025

Report Generated on: **Dec 1, 2025 9:31:53 AM**

Check Number	Check Date	Vendor	Vendor Name	Fund	Fund Description	Budget Unit-Account	Budget Unit Description	Description	Check Amount
70882260	11/25/2025	125312	FERGUSON & BREWER	220	TC SOLID WASTE M	220-105580	NOT APPLICABLE	092 122250	$660.00
70882260	11/25/2025	125312	FERGUSON & BREWER	504	TCSLA GRANTS	50410-558004	TCSLA GRANTS	092 122250	$625.00
70882260	11/25/2025	125312	FERGUSON & BREWER	504	TCSLA GRANTS	50410-558005	TCSLA GRANTS	092 122250	$625.00
70882261	11/25/2025	V000233	GENUINE PARTS COMPANY INC	101	GENERAL FUND	1074-53170	FACILITIES MAINT	735197	$246.18
70882261	11/25/2025	V000233	GENUINE PARTS COMPANY INC	102	ROAD FUND	3011-53170	ROAD DEPARTMENT	735581	$343.70
70882261	11/25/2025	V000233	GENUINE PARTS COMPANY INC	102	ROAD FUND	3011-53170	ROAD DEPARTMENT	735736	$76.71
70882262	11/25/2025	V000465	GOODYEAR COMMERCIAL TIRE & SER	106	PUBLIC SAFETY	2028-53170	AUTO SHOP	780008-0001	$1,283.68
70882263	11/25/2025	142511	GRAINGER INC	102	ROAD FUND	3011-53270	ROAD DEPARTMENT	9699311503	$24.77
70882264	11/25/2025	113113	GREEN WASTE OF TEHAMA	101	GENERAL FUND	7021-53606	PARKS & RECREATI	01-01652957	$21.19
70882264	11/25/2025	113113	GREEN WASTE OF TEHAMA	106	PUBLIC SAFETY	2032-53230	JAIL	10097	$130.68
70882264	11/25/2025	113113	GREEN WASTE OF TEHAMA	220	TC SOLID WASTE M	4045-558008	TC/RB LANDFILL M	9930	$1,648.65
70882265	11/25/2025	V000072	HARSHWAL & COMPANY LLP	535	TC CHILD & FAMIL	53510-53231	TC CHILD & FAMIL	5363	$9,360.00
70882266	11/25/2025	100748	HAWES RANCH & FARM	101	GENERAL FUND	7021-53607	PARKS & RECREATI	65805-1	$136.26
70882267	11/25/2025	112395	HOME DEPOT CREDIT SERVICES	605	TC SANITATION DI	60510-53140	TC SANITATION DI	9012943	$53.53
70882267	11/25/2025	112395	HOME DEPOT CREDIT SERVICES	605	TC SANITATION DI	60510-53170	TC SANITATION DI	9012943	$9.71
70882267	11/25/2025	112395	HOME DEPOT CREDIT SERVICES	605	TC SANITATION DI	60510-53270	TC SANITATION DI	9012943	$16.30
70882268	11/25/2025	136121	HUNT & SONS LLC	101	GENERAL FUND	1074-53170	FACILITIES MAINT	824999	$358.58

Tehama County

TEBK400 - Check Register

Issue Dates between Nov 23, 2025 and Nov 29, 2025

Report Generated on: **Dec 1, 2025 9:31:53 AM**

Check Number	Check Date	Vendor	Vendor Name	Fund	Fund Description	Budget Unit-Account	Budget Unit Description	Description	Check Amount
70882268	11/25/2025	136121	HUNT & SONS LLC	101	GENERAL FUND	1074-53291	FACILITIES MAINT	824999	$956.69
70882268	11/25/2025	136121	HUNT & SONS LLC	101	GENERAL FUND	2062-53291	CODE/MARIJUANA E	6176/ 825051	$306.32
70882268	11/25/2025	136121	HUNT & SONS LLC	101	GENERAL FUND	2072-53291	SHERIFF - CORONE	6038	$295.16
70882268	11/25/2025	136121	HUNT & SONS LLC	101	GENERAL FUND	2075-53291	OFFICE OF EMERG	6038	$80.89
70882268	11/25/2025	136121	HUNT & SONS LLC	101	GENERAL FUND	4011-53291	ENVIRONMENTAL HE	824998/6092	$260.24
70882268	11/25/2025	136121	HUNT & SONS LLC	102	ROAD FUND	3011-53291	ROAD DEPARTMENT	835465	$3,691.75
70882268	11/25/2025	136121	HUNT & SONS LLC	102	ROAD FUND	3011-53291	ROAD DEPARTMENT	835468	$7,590.16
70882268	11/25/2025	136121	HUNT & SONS LLC	106	PUBLIC SAFETY	2023-53291	BAILIFF	6038	$68.71
70882268	11/25/2025	136121	HUNT & SONS LLC	106	PUBLIC SAFETY	2024-53291	BOATING GRANTS	6038	$128.84
70882268	11/25/2025	136121	HUNT & SONS LLC	106	PUBLIC SAFETY	2027-53291	SHERIFF	6038	$8,462.39
70882268	11/25/2025	136121	HUNT & SONS LLC	106	PUBLIC SAFETY	2028-53291	AUTO SHOP	6038	$118.40
70882268	11/25/2025	136121	HUNT & SONS LLC	106	PUBLIC SAFETY	2029-53291	SHERIFF ANIMAL R	6038	$1,674.54
70882268	11/25/2025	136121	HUNT & SONS LLC	106	PUBLIC SAFETY	2032-53291	JAIL	6038	$619.04
70882269	11/25/2025	115303	INTERSTATE OIL COMPANY	106	PUBLIC SAFETY	2028-53170	AUTO SHOP	31-0078648	$2,250.94
70882270	11/25/2025	106902	JAMES K HENRICKSON	105	FIRE FUND	2042-53180	FIRE SCH C VOL	2511051	$4,429.74
70882271	11/25/2025	102715	JOEL SNOW DBA	102	ROAD FUND	3011-53280	ROAD DEPARTMENT	45823379	$26.86
70882272	11/25/2025	101699	JOHN W CORNELISON DBA	101	GENERAL FUND	7021-53602	PARKS & RECREATI	52838	$7.50
70882273	11/25/2025	123790	LAUNDRY WORLD UNIFORM & LINEN	101	GENERAL FUND	7033-53140	RED BLUFF VETERA	329950	$87.38
70882274	11/25/2025	V000743	LEHR	105	FIRE FUND	2042-53170	FIRE SCH C VOL	SI126065 PO21926	$5,663.46
70882275	11/25/2025	123948	LEXIS NEXIS RISK SOLUTIONS	101	GENERAL FUND	2062-53230	CODE/MARIJUANA E	1100216258	$283.46
70882276	11/25/2025	103809	LOS MOLINOS	101	GENERAL FUND	7032-53300	LOS MOLINOS VETE	VET500	$154.46

Tehama County

TEBK400 - Check Register

Issue Dates between Nov 23, 2025 and Nov 29, 2025

Report Generated on: **Dec 1, 2025 9:31:53 AM**

Check Number	Check Date	Vendor	Vendor Name	Fund	Fund Description	Budget Unit-Account	Budget Unit Description	Description	Check Amount
			COMMUNITY SERVICES						
70882277	11/25/2025	100957	LOS MOLINOS HARDWARE	101	GENERAL FUND	7021-53604	PARKS & RECREATI	C527319	$7.93
70882278	11/25/2025	123038	MENDES SUPPLY COMPANY	101	GENERAL FUND	1074-53140	FACILITIES MAINT	R0822410000	$251.82
70882278	11/25/2025	123038	MENDES SUPPLY COMPANY	101	GENERAL FUND	1074-53140	FACILITIES MAINT	R0822410101	$128.57
70882278	11/25/2025	123038	MENDES SUPPLY COMPANY	101	GENERAL FUND	1074-53140	FACILITIES MAINT	R0823600001	$69.07
70882278	11/25/2025	123038	MENDES SUPPLY COMPANY	101	GENERAL FUND	1074-53140	FACILITIES MAINT	R0824490000	$225.11
70882278	11/25/2025	123038	MENDES SUPPLY COMPANY	106	PUBLIC SAFETY	2032-53140	JAIL	0007377	$1,786.10
70882279	11/25/2025	119531	MID PACIFIC ENGINEERING INC	103	CAPITAL OUTLAY	1081-57586	PLANT ACQUISITIO	20252228	$4,204.60
70882279	11/25/2025	119531	MID PACIFIC ENGINEERING INC	103	CAPITAL OUTLAY	1081-57586	PLANT ACQUISITIO	20252552	$4,768.30
70882279	11/25/2025	119531	MID PACIFIC ENGINEERING INC	103	CAPITAL OUTLAY	1081-57586	PLANT ACQUISITIO	20252700	$1,496.10
70882280	11/25/2025	101183	NORTH VALLEY DISTRIBUTING	101	GENERAL FUND	1074-53180	FACILITIES MAINT	s1434189.001	$114.62
70882281	11/25/2025	104821	NORTHERN CALIFORNIA YOUTH	108	SOCIAL SERVICES	5013-532300	SOCIAL SERVICES	PROFESSION/SPEC OTHER	$1,500.00
70882282	11/25/2025	121129	NORTHRIDGE EYE CARE	106	PUBLIC SAFETY	20321-532397	JAIL - HEALTH SE	SMITH	$513.00
70882283	11/25/2025	110884	O'REILLY AUTOMOTIVE INC	106	PUBLIC SAFETY	2028-53170	AUTO SHOP	1047279	$250.59
70882284	11/25/2025	130684	O'REILLY AUTOMOTIVE INC	102	ROAD FUND	3011-53170	ROAD DEPARTMENT	2782-484010	$362.07

Tehama County

TEBK400 - Check Register

Issue Dates between Nov 23, 2025 and Nov 29, 2025

Report Generated on: **Dec 1, 2025 9:31:53 AM**

Check Number	Check Date	Vendor	Vendor Name	Fund	Fund Description	Budget Unit-Account	Budget Unit Description	Description	Check Amount
70882284	11/25/2025	130684	O'REILLY AUTOMOTIVE INC	102	ROAD FUND	3011-53170	ROAD DEPARTMENT	2782-485695	$10.40
70882285	11/25/2025	104757	OFFICE DEPOT (BUSINESS SVCS DI	101	GENERAL FUND	2075-53220	OFFICE OF EMERG	89517192	$8.23
70882285	11/25/2025	104757	OFFICE DEPOT (BUSINESS SVCS DI	106	PUBLIC SAFETY	2024-53220	BOATING GRANTS	89517192	$8.23
70882285	11/25/2025	104757	OFFICE DEPOT (BUSINESS SVCS DI	106	PUBLIC SAFETY	2027-53220	SHERIFF	89517192	$72.21
70882285	11/25/2025	104757	OFFICE DEPOT (BUSINESS SVCS DI	106	PUBLIC SAFETY	2028-53220	AUTO SHOP	89517192	$8.23
70882285	11/25/2025	104757	OFFICE DEPOT (BUSINESS SVCS DI	106	PUBLIC SAFETY	2032-53220	JAIL	89517192	$109.61
70882285	11/25/2025	104757	OFFICE DEPOT (BUSINESS SVCS DI	106	PUBLIC SAFETY	20321-53220	JAIL - HEALTH SE	89517192	$16.45
70882285	11/25/2025	104757	OFFICE DEPOT (BUSINESS SVCS DI	712	TEHAMA MAJOR CRI	71210-53220	TEHAMA MAJOR CRI	89517192	$16.45
70882286	11/25/2025	101231	PACIFIC GAS & ELECTRIC	101	GENERAL FUND	1014-53300	COUNTY ADMINISTR	8530208183-2	$186.75
70882286	11/25/2025	101231	PACIFIC GAS & ELECTRIC	101	GENERAL FUND	1025-53300	PURCHASING	8530208183-2	$39.09
70882286	11/25/2025	101231	PACIFIC GAS & ELECTRIC	101	GENERAL FUND	1031-53300	COUNTY COUNSEL	8530208183-2	$69.49
70882286	11/25/2025	101231	PACIFIC GAS & ELECTRIC	101	GENERAL FUND	1041-53300	PERSONNEL	8530208183-2	$52.11
70882286	11/25/2025	101231	PACIFIC GAS & ELECTRIC	101	GENERAL FUND	1076-53300	PROPERTY PLANNIN	8530208183-2	$43.43
70882286	11/25/2025	101231	PACIFIC GAS & ELECTRIC	101	GENERAL FUND	7021-53300	PARKS & RECREATI	2065977939-9	$36.76
70882286	11/25/2025	101231	PACIFIC GAS & ELECTRIC	101	GENERAL FUND	7021-53300	PARKS & RECREATI	2107644603-4	$11.31
70882286	11/25/2025	101231	PACIFIC GAS & ELECTRIC	101	GENERAL FUND	7033-53300	RED BLUFF VETERA	4569586628-0	$341.54
70882286	11/25/2025	101231	PACIFIC GAS & ELECTRIC	105	FIRE FUND	2042-53300	FIRE SCH C VOL	0348332864-1	$135.92

Tehama County

TEBK400 - Check Register

Issue Dates between Nov 23, 2025 and Nov 29, 2025

Report Generated on: **Dec 1, 2025 9:31:53 AM**

Check Number	Check Date	Vendor	Vendor Name	Fund	Fund Description	Budget Unit-Account	Budget Unit Description	Description	Check Amount
70882286	11/25/2025	101231	PACIFIC GAS & ELECTRIC	105	FIRE FUND	2042-53300	FIRE SCH C VOL	3395590579-0	$71.06
70882286	11/25/2025	101231	PACIFIC GAS & ELECTRIC	105	FIRE FUND	2042-53300	FIRE SCH C VOL	6174749535-8	$186.35
70882286	11/25/2025	101231	PACIFIC GAS & ELECTRIC	105	FIRE FUND	2042-53300	FIRE SCH C VOL	7477614270-0	$35.02
70882286	11/25/2025	101231	PACIFIC GAS & ELECTRIC	106	PUBLIC SAFETY	2027-53300	SHERIFF	3466590695-3	$218.97
70882286	11/25/2025	101231	PACIFIC GAS & ELECTRIC	106	PUBLIC SAFETY	2027-53300	SHERIFF	9550188561-0	$521.29
70882286	11/25/2025	101231	PACIFIC GAS & ELECTRIC	107	RISK MANAGEMENT	1101-53300	RISK MANAGEMENT	8530208183-2	$43.43
70882286	11/25/2025	101231	PACIFIC GAS & ELECTRIC	535	TC CHILD & FAMIL	53510-53300	TC CHILD & FAMIL	1095453117-3	$151.74
70882287	11/25/2025	T0019780	PASKENTA COMMUNITY SERVICES DI	101	GENERAL FUND	7021-53300	PARKS & RECREATI	48962183 11/1/25	$335.86
70882288	11/25/2025	101230	PBM SUPPLY & MFG INC	101	GENERAL FUND	7021-53602	PARKS & RECREATI	2025/35449 PO429034	$654.36
70882288	11/25/2025	101230	PBM SUPPLY & MFG INC	101	GENERAL FUND	7021-53603	PARKS & RECREATI	2025/35450 PO429034	$654.36
70882288	11/25/2025	101230	PBM SUPPLY & MFG INC	101	GENERAL FUND	7021-53604	PARKS & RECREATI	2025/35451 PO429034	$654.36
70882288	11/25/2025	101230	PBM SUPPLY & MFG INC	101	GENERAL FUND	7021-53605	PARKS & RECREATI	2025/35452 PO529034	$654.36
70882288	11/25/2025	101230	PBM SUPPLY & MFG INC	101	GENERAL FUND	7021-53606	PARKS & RECREATI	2025/35453 PO529034	$654.36
70882288	11/25/2025	101230	PBM SUPPLY & MFG INC	101	GENERAL FUND	7021-53607	PARKS & RECREATI	2025/35454 PO429034	$654.36
70882288	11/25/2025	101230	PBM SUPPLY & MFG INC	101	GENERAL FUND	7021-53608	PARKS & RECREATI	2025/35455 PO429034	$652.97
70882289	11/25/2025	115330	PETER N GIORVAS	106	PUBLIC SAFETY	2028-53260	AUTO SHOP	TEHAMA CO SHERIFFS	$4,300.00
70882290	11/25/2025	110618	PITNEY BOWES INC	106	PUBLIC SAFETY	2027-53250	SHERIFF	0017305427	$616.74
70882291	11/25/2025	117529	PRO PACIFIC	106	PUBLIC SAFETY	2032-53130	JAIL	61960	$2,155.30
70882291	11/25/2025	117529	PRO PACIFIC	106	PUBLIC SAFETY	2032-53140	JAIL	61960	$27.75
70882292	11/25/2025	108185	PRODUCERS DAIRY FOODS INC	106	PUBLIC SAFETY	2032-53130	JAIL	818652	$544.90
70882293	11/25/2025	125907	RESOURCE	102	ROAD FUND	3015-53230	ROAD CAPITAL PRO	5 10/22/25	$1,699.80

Tehama County

TEBK400 - Check Register

Issue Dates between Nov 23, 2025 and Nov 29, 2025

Report Generated on: **Dec 1, 2025 9:31:53 AM**

Check Number	Check Date	Vendor	Vendor Name	Fund	Fund Description	Budget Unit-Account	Budget Unit Description	Description	Check Amount
			CONSERVATION DISTRICT						
70882293	11/25/2025	125907	RESOURCE CONSERVATION DISTRICT	102	ROAD FUND	3015-53230	ROAD CAPITAL PRO	5 10/22/25 2	$6,448.92
70882294	11/25/2025	100382	RONALD L CLARK DDS	106	PUBLIC SAFETY	20321-532396	JAIL - HEALTH SE	LAW	$2,515.00
70882294	11/25/2025	100382	RONALD L CLARK DDS	106	PUBLIC SAFETY	20321-532396	JAIL - HEALTH SE	SELPH	$3,655.00
70882294	11/25/2025	100382	RONALD L CLARK DDS	106	PUBLIC SAFETY	20321-532396	JAIL - HEALTH SE	STAGGS	$466.00
70882294	11/25/2025	100382	RONALD L CLARK DDS	106	PUBLIC SAFETY	20321-532396	JAIL - HEALTH SE	VAUGHN	$806.00
70882294	11/25/2025	100382	RONALD L CLARK DDS	106	PUBLIC SAFETY	20321-532396	JAIL - HEALTH SE	WRIGHT	$6,044.00
70882295	11/25/2025	112132	SACRAMENTO RIVER DISCOVERY CEN	504	TCSLA GRANTS	50410-558012	TCSLA GRANTS	45	$2,000.00
70882296	11/25/2025	T0043586	SEC FOR ENV PROTECTION	477	UST & HS CODE 25	477-301800	NOT APPLICABLE	CA SURCHARGES 1ST QTR	$27,317.00
70882297	11/25/2025	V000257	SELECT JANITORIAL INC	535	TC CHILD & FAMIL	53510-53180	TC CHILD & FAMIL	16138	$230.00
70882298	11/25/2025	T0023781	SHASTA COUNTY OFFICE OF EDUCAT	108	SOCIAL SERVICES	5013-532300	SOCIAL SERVICES	000706	$2,906.04
70882299	11/25/2025	101509	SHELBY'S PEST CONTROL INC	106	PUBLIC SAFETY	2028-53230	AUTO SHOP	21244	$50.00
70882300	11/25/2025	V000077	SNAP-ON CREDIT LLC	102	ROAD FUND	3011-53170	ROAD DEPARTMENT	132246133 11172025	$922.04
70882301	11/25/2025	108976	STEVEN HILL DBA	101	GENERAL FUND	2062-532341	CODE/MARIJUANA E	25-13201	$9,200.00
70882302	11/25/2025	107566	SYSCO	106	PUBLIC SAFETY	2032-53130	JAIL	619919	$3,051.29
70882302	11/25/2025	107566	SYSCO	106	PUBLIC SAFETY	2032-53140	JAIL	619919	$339.79
70882303	11/25/2025	120624	TEHAMA PHARMACY & TRADING COMP	106	PUBLIC SAFETY	20321-53191	JAIL - HEALTH SE	507	$428.65
70882304	11/25/2025	115214	PAPE' TRUCKS INC	102	ROAD FUND	3011-53170	ROAD DEPARTMENT	15766260	$21.90
70882304	11/25/2025	115214	PAPE' TRUCKS INC	102	ROAD FUND	3011-53170	ROAD DEPARTMENT	15766456	$10.95

Tehama County

TEBK400 - Check Register

Issue Dates between Nov 23, 2025 and Nov 29, 2025

Report Generated on: **Dec 1, 2025 9:31:53 AM**

Check Number	Check Date	Vendor	Vendor Name	Fund	Fund Description	Budget Unit-Account	Budget Unit Description	Description	Check Amount
70882304	11/25/2025	115214	PAPE' TRUCKS INC	102	ROAD FUND	3011-53170	ROAD DEPARTMENT	15774866	$67.07
70882305	11/25/2025	108541	TRI R GAS	101	GENERAL FUND	7021-53606	PARKS & RECREATI	U0027664	$944.83
70882306	11/25/2025	123088	TRITES BACKFLOW SERVICES INC	101	GENERAL FUND	7021-53603	PARKS & RECREATI	18902	$50.00
70882306	11/25/2025	123088	TRITES BACKFLOW SERVICES INC	101	GENERAL FUND	7021-53604	PARKS & RECREATI	18904	$50.00
70882306	11/25/2025	123088	TRITES BACKFLOW SERVICES INC	101	GENERAL FUND	7021-53607	PARKS & RECREATI	18903	$50.00
70882307	11/25/2025	134948	UBEO MIDCO LLC	101	GENERAL FUND	5060-53170	VETERANS SERVICE	5035344	$210.49
70882307	11/25/2025	134948	UBEO MIDCO LLC	535	TC CHILD & FAMIL	53510-53230	TC CHILD & FAMIL	5086851	$501.07
70882308	11/25/2025	121395	ULINE	101	GENERAL FUND	1074-53140	FACILITIES MAINT	200371425	$94.09
70882308	11/25/2025	121395	ULINE	101	GENERAL FUND	7021-53606	PARKS & RECREATI	4155874 PO429049	$2,717.70
70882309	11/25/2025	105075	US FOODS INC	106	PUBLIC SAFETY	2032-53130	JAIL	3370715	$6,301.73
70882309	11/25/2025	105075	US FOODS INC	106	PUBLIC SAFETY	2032-53140	JAIL	3370715	$443.80
70882311	11/25/2025	126211	BETH CHRISTINE JONES	112	HEALTH SERVICES	40131-53230	MENTAL HEALTH	103125	$4,312.50
70882312	11/25/2025	132722	BIT CALIFORNIA LLC	108	SOCIAL SERVICES	5013-53220	SOCIAL SERVICES	OFFICE EXPENSE	$30,000.00
70882314	11/25/2025	117515	BRANDON WILCOX	102	ROAD FUND	3011-53110	ROAD DEPARTMENT	SAFETY BOOT 2025	$300.00
70882315	11/25/2025	T00805	BROKEN RIDGE LLC	421	TAX COLLECTOR TR	421-301311	NOT APPLICABLE	085-200-005-000 2025	$61.99
70882316	11/25/2025	130904	CHARLES MARCOTT	102	ROAD FUND	3011-53110	ROAD DEPARTMENT	SAFETY BOOTS 2025	$300.00
70882317	11/25/2025	V000755	CODY PALMER	106	PUBLIC SAFETY	2028-53280	AUTO SHOP	SAFTY BOOT 2025	$230.58
70882318	11/25/2025	T00801	COMMUNITY EQUITY GROUP LLC	307	CURRENT YEAR SEC	307-301800	NOT APPLICABLE	910-003-083-001 2025	$13.90
70882319	11/25/2025	T00799	CORNING HOTEL APARTMENTS	421	TAX COLLECTOR TR	421-301311	NOT APPLICABLE	071-132-009 2025	$125.21

Tehama County

TEBK400 - Check Register

Issue Dates between Nov 23, 2025 and Nov 29, 2025

Report Generated on: **Dec 1, 2025 9:31:53 AM**

Check Number	Check Date	Vendor	Vendor Name	Fund	Fund Description	Budget Unit-Account	Budget Unit Description	Description	Check Amount
70882321	11/25/2025	T00800	GARY MCNARY	421	TAX COLLECTOR TR	421-301311	NOT APPLICABLE	089-110-015 2025	$1,091.27
70882322	11/25/2025	119660	JAMES ANDERSON	106	PUBLIC SAFETY	2027-53290	SHERIFF	11/24/25 PER DIEM	$232.00
70882324	11/25/2025	V000736	JAYCEE LEE	535	TC CHILD & FAMIL	53510-53290	TC CHILD & FAMIL	MILEAGE REIMBURSEMENT	$37.45
70882325	11/25/2025	T00803	NOEMI WAIZMAN	421	TAX COLLECTOR TR	421-301311	NOT APPLICABLE	039-226-007-000 2025	$699.57
70882327	11/25/2025	V000071	REBECCA EMERY	108	SOCIAL SERVICES	5013-53290	SOCIAL SERVICES	CWDA CON 2025	$911.38
70882328	11/25/2025	T00804	THOMAS & MARIE KNOX	421	TAX COLLECTOR TR	421-301311	NOT APPLICABLE	081-140-001-000 2025	$71.98
70882330	11/25/2025	T00802	WAL-MART STORES, INC	307	CURRENT YEAR SEC	307-301800	NOT APPLICABLE	033-180-088 2024	$7,910.28
70882331	11/26/2025	103938	A AND A TOWING	712	TEHAMA MAJOR CRI	71210-53230	TEHAMA MAJOR CRI	TEHAMA CO SHERIFFS	$315.00
70882332	11/26/2025	134185	AGILE OCCUPATIONAL MEDICINE PC	112	HEALTH SERVICES	40131-53230	MENTAL HEALTH	PROFESSIONAL/SPECIAL SERV	$240.00
70882333	11/26/2025	100065	ALSCO INC	101	GENERAL FUND	7013-53170	CAMP TEHAMA	MAINTENANCE OF EQUIPMENT	$5.18
70882334	11/26/2025	V000533	AMERGIS HEALTHCARE STAFFING IN	112	HEALTH SERVICES	40131-53230	MENTAL HEALTH	PROFESSIONAL/SPECIAL SERV	$11,513.12
70882335	11/26/2025	135787	AMN HEALTHCARE LOCUM TENENS IN	112	HEALTH SERVICES	40251-53230	CLINIC SERVICES	PROFESSIONAL/SPECIAL SERV	$43,616.00
70882336	11/26/2025	V000250	ANTONIO CARBONELL JR	112	HEALTH SERVICES	40251-53230	CLINIC SERVICES	PROFESSIONAL/SPECIAL SERV	$4,548.00
70882337	11/26/2025	112295	APEX TECHNOLOGY MANAGEMENT INC	112	HEALTH SERVICES	40121-53220	PUBLIC HEALTH	OFFICE EXPENSE	$46.70
70882337	11/26/2025	112295	APEX TECHNOLOGY MANAGEMENT INC	112	HEALTH SERVICES	40121-53230	PUBLIC HEALTH	PROFESSIONAL/SPECIAL SERV	$136.70
70882337	11/26/2025	112295	APEX TECHNOLOGY MANAGEMENT INC	112	HEALTH SERVICES	40131-53220	MENTAL HEALTH	OFFICE EXPENSE	$56.96

Tehama County

TEBK400 - Check Register

Issue Dates between Nov 23, 2025 and Nov 29, 2025

Report Generated on: **Dec 1, 2025 9:31:53 AM**

Check Number	Check Date	Vendor	Vendor Name	Fund	Fund Description	Budget Unit-Account	Budget Unit Description	Description	Check Amount
70882337	11/26/2025	112295	APEX TECHNOLOGY MANAGEMENT INC	112	HEALTH SERVICES	40131-53230	MENTAL HEALTH	PROFESSIONAL/SPECIAL SERV	$238.35
70882337	11/26/2025	112295	APEX TECHNOLOGY MANAGEMENT INC	112	HEALTH SERVICES	40171-53220	DRUG & ALCOHOL	OFFICE EXPENSE	$24.02
70882337	11/26/2025	112295	APEX TECHNOLOGY MANAGEMENT INC	112	HEALTH SERVICES	40171-53230	DRUG & ALCOHOL	PROFESSIONAL/SPECIAL SERV	$77.10
70882337	11/26/2025	112295	APEX TECHNOLOGY MANAGEMENT INC	112	HEALTH SERVICES	40251-53220	CLINIC SERVICES	OFFICE EXPENSE	$22.32
70882337	11/26/2025	112295	APEX TECHNOLOGY MANAGEMENT INC	112	HEALTH SERVICES	40251-53230	CLINIC SERVICES	PROFESSIONAL/SPECIAL SERV	$47.85
70882338	11/26/2025	101233	AT&T	112	HEALTH SERVICES	40121-53120	PUBLIC HEALTH	248 134 4942 506 3	$4.43
70882338	11/26/2025	101233	AT&T	112	HEALTH SERVICES	40121-53120	PUBLIC HEALTH	248 134 6854 604 7	$4.43
70882338	11/26/2025	101233	AT&T	112	HEALTH SERVICES	40131-53120	MENTAL HEALTH	248 134 3208 295 4	$8.59
70882338	11/26/2025	101233	AT&T	112	HEALTH SERVICES	40251-53120	CLINIC SERVICES	235 841 3029 809 0	$31.60
70882339	11/26/2025	103939	AT&T	101	GENERAL FUND	2072-53120	SHERIFF - CORONE	9391032859	$23.40
70882339	11/26/2025	103939	AT&T	106	PUBLIC SAFETY	2023-53120	BAILIFF	9391032928	$169.30
70882339	11/26/2025	103939	AT&T	106	PUBLIC SAFETY	2027-53120	SHERIFF	9391032892	$590.29
70882339	11/26/2025	103939	AT&T	106	PUBLIC SAFETY	2027-53120	SHERIFF	9391032895	$270.72
70882339	11/26/2025	103939	AT&T	106	PUBLIC SAFETY	2027-53120	SHERIFF	9391032898	$22.15
70882339	11/26/2025	103939	AT&T	106	PUBLIC SAFETY	2027-53120	SHERIFF	9391032899	$63.05
70882339	11/26/2025	103939	AT&T	106	PUBLIC SAFETY	2027-53120	SHERIFF	9391032931	$20.60
70882339	11/26/2025	103939	AT&T	106	PUBLIC SAFETY	2027-53120	SHERIFF	9391032953	$246.27
70882339	11/26/2025	103939	AT&T	106	PUBLIC SAFETY	2027-53120	SHERIFF	9391032954	$36.33
70882339	11/26/2025	103939	AT&T	106	PUBLIC SAFETY	2028-53120	AUTO SHOP	9391032855	$32.82

Tehama County

TEBK400 - Check Register

Issue Dates between Nov 23, 2025 and Nov 29, 2025

Report Generated on: **Dec 1, 2025 9:31:53 AM**

Check Number	Check Date	Vendor	Vendor Name	Fund	Fund Description	Budget Unit-Account	Budget Unit Description	Description	Check Amount
70882339	11/26/2025	103939	AT&T	112	HEALTH SERVICES	40121-53120	PUBLIC HEALTH	9391032958	$22.34
70882339	11/26/2025	103939	AT&T	112	HEALTH SERVICES	40131-53120	MENTAL HEALTH	9391032829	$155.40
70882339	11/26/2025	103939	AT&T	112	HEALTH SERVICES	40131-53120	MENTAL HEALTH	9391032958	$8.05
70882339	11/26/2025	103939	AT&T	112	HEALTH SERVICES	40171-53120	DRUG & ALCOHOL	9391032958	$8.05
70882339	11/26/2025	103939	AT&T	112	HEALTH SERVICES	40251-53120	CLINIC SERVICES	9391032912	$40.92
70882339	11/26/2025	103939	AT&T	712	TEHAMA MAJOR CRI	71210-53120	TEHAMA MAJOR CRI	9391032873	$33.50
70882340	11/26/2025	117161	AT&T MOBILITY/CINGULAR WIRELES	112	HEALTH SERVICES	40121-53120	PUBLIC HEALTH	287349133778	$44.38
70882341	11/26/2025	113573	AT&T U-VERSE	112	HEALTH SERVICES	40121-53120	PUBLIC HEALTH	331443205	$65.30
70882341	11/26/2025	113573	AT&T U-VERSE	112	HEALTH SERVICES	40131-53120	MENTAL HEALTH	331443205	$23.53
70882341	11/26/2025	113573	AT&T U-VERSE	112	HEALTH SERVICES	40171-53120	DRUG & ALCOHOL	331443205	$23.52
70882342	11/26/2025	V000558	B & T CA LLC	101	GENERAL FUND	2073-53170	PUB GUARDIAN / P	1288	$24.00
70882342	11/26/2025	V000558	B & T CA LLC	112	HEALTH SERVICES	40121-53170	PUBLIC HEALTH	1281	$7.00
70882342	11/26/2025	V000558	B & T CA LLC	112	HEALTH SERVICES	40131-53170	MENTAL HEALTH	1281	$70.20
70882342	11/26/2025	V000558	B & T CA LLC	112	HEALTH SERVICES	40171-53170	DRUG & ALCOHOL	1281	$19.00
70882342	11/26/2025	V000558	B & T CA LLC	112	HEALTH SERVICES	40251-53170	CLINIC SERVICES	1281	$2.80
70882343	11/26/2025	127749	BENNET OMALU PATHOLOGY INC	101	GENERAL FUND	2072-53230	SHERIFF - CORONE	25-01459	$359.00
70882343	11/26/2025	127749	BENNET OMALU PATHOLOGY INC	101	GENERAL FUND	2072-53230	SHERIFF - CORONE	25-01566	$191.00
70882343	11/26/2025	127749	BENNET OMALU PATHOLOGY INC	101	GENERAL FUND	2072-53230	SHERIFF - CORONE	25-01578	$397.00
70882343	11/26/2025	127749	BENNET OMALU	101	GENERAL FUND	2072-53230	SHERIFF - CORONE	25-01644	$191.00

Tehama County

TEBK400 - Check Register

Issue Dates between Nov 23, 2025 and Nov 29, 2025

Report Generated on: **Dec 1, 2025 9:31:53 AM**

Check Number	Check Date	Vendor	Vendor Name	Fund	Fund Description	Budget Unit-Account	Budget Unit Description	Description	Check Amount
			PATHOLOGY INC						
70882343	11/26/2025	127749	BENNET OMALU PATHOLOGY INC	101	GENERAL FUND	2072-53230	SHERIFF - CORONE	25-01777	$140.00
70882343	11/26/2025	127749	BENNET OMALU PATHOLOGY INC	101	GENERAL FUND	2072-53230	SHERIFF - CORONE	25-02054	$2,970.00
70882343	11/26/2025	127749	BENNET OMALU PATHOLOGY INC	101	GENERAL FUND	2072-53230	SHERIFF - CORONE	25-02064	$2,970.00
70882343	11/26/2025	127749	BENNET OMALU PATHOLOGY INC	101	GENERAL FUND	2072-53230	SHERIFF - CORONE	25-02065	$2,970.00
70882343	11/26/2025	127749	BENNET OMALU PATHOLOGY INC	101	GENERAL FUND	2072-53230	SHERIFF - CORONE	25-02073	$2,970.00
70882343	11/26/2025	127749	BENNET OMALU PATHOLOGY INC	101	GENERAL FUND	2072-53230	SHERIFF - CORONE	25-02121	$2,970.00
70882344	11/26/2025	122025	BIMBO BAKERIES USA	106	PUBLIC SAFETY	2032-53130	JAIL	64-000010291-04	$504.00
70882345	11/26/2025	T0025242	BUTTE CO DEPT OF BEHAVIORAL HE	112	HEALTH SERVICES	40131-53230	MENTAL HEALTH	PROFESSIONAL/SPECIAL SERV	$431.44
70882346	11/26/2025	142466	CARREL'S OFFICE MACHINES	112	HEALTH SERVICES	40121-53220	PUBLIC HEALTH	OFFICE EXPENSE	$455.94
70882346	11/26/2025	142466	CARREL'S OFFICE MACHINES	112	HEALTH SERVICES	40131-53220	MENTAL HEALTH	OFFICE EXPENSE	$63.46
70882346	11/26/2025	142466	CARREL'S OFFICE MACHINES	112	HEALTH SERVICES	40171-53220	DRUG & ALCOHOL	OFFICE EXPENSE	$63.47
70882346	11/26/2025	142466	CARREL'S OFFICE MACHINES	601	AIR POLLUTION DI	60110-53170	AIR POLLUTION DI	Agr#163PA25	$22.70
70882347	11/26/2025	111731	CASA SERENITY LLC	112	HEALTH SERVICES	40131-55400	MENTAL HEALTH	SUPPORT & CARE OF PERSONS	$29,130.00
70882348	11/26/2025	128463	CEP AMERICA-	112	HEALTH SERVICES	40131-53230	MENTAL HEALTH	PROFESSIONAL/SPECIAL	$4,590.00

Tehama County

TEBK400 - Check Register

Issue Dates between Nov 23, 2025 and Nov 29, 2025

Report Generated on: **Dec 1, 2025 9:31:53 AM**

Check Number	Check Date	Vendor	Vendor Name	Fund	Fund Description	Budget Unit-Account	Budget Unit Description	Description	Check Amount
			PHYCHIATRY PC					SERV	
70882349	11/26/2025	111127	CHARTER COMMUNICATIONS	112	HEALTH SERVICES	40121-53120	PUBLIC HEALTH	176975001	$34.24
70882349	11/26/2025	111127	CHARTER COMMUNICATIONS	112	HEALTH SERVICES	40121-53120	PUBLIC HEALTH	176975101	$144.55
70882349	11/26/2025	111127	CHARTER COMMUNICATIONS	112	HEALTH SERVICES	40121-53120	PUBLIC HEALTH	176978301	$34.34
70882349	11/26/2025	111127	CHARTER COMMUNICATIONS	112	HEALTH SERVICES	40121-53120	PUBLIC HEALTH	176978601	$453.35
70882349	11/26/2025	111127	CHARTER COMMUNICATIONS	112	HEALTH SERVICES	40131-53120	MENTAL HEALTH	176972701	$50.00
70882349	11/26/2025	111127	CHARTER COMMUNICATIONS	112	HEALTH SERVICES	40131-53120	MENTAL HEALTH	176975001	$41.76
70882349	11/26/2025	111127	CHARTER COMMUNICATIONS	112	HEALTH SERVICES	40131-53120	MENTAL HEALTH	176975101	$176.31
70882349	11/26/2025	111127	CHARTER COMMUNICATIONS	112	HEALTH SERVICES	40131-53120	MENTAL HEALTH	176978301	$62.46
70882349	11/26/2025	111127	CHARTER COMMUNICATIONS	112	HEALTH SERVICES	40131-53120	MENTAL HEALTH	176978601	$824.50
70882349	11/26/2025	111127	CHARTER COMMUNICATIONS	112	HEALTH SERVICES	40131-53120	MENTAL HEALTH	176981201	$464.33
70882349	11/26/2025	111127	CHARTER COMMUNICATIONS	112	HEALTH SERVICES	40131-53120	MENTAL HEALTH	176982601	$263.12
70882349	11/26/2025	111127	CHARTER COMMUNICATIONS	112	HEALTH SERVICES	40171-53120	DRUG & ALCOHOL	176972701	$50.00
70882349	11/26/2025	111127	CHARTER COMMUNICATIONS	112	HEALTH SERVICES	40171-53120	DRUG & ALCOHOL	176975001	$17.62

Tehama County

TEBK400 - Check Register

Issue Dates between Nov 23, 2025 and Nov 29, 2025

Report Generated on: **Dec 1, 2025 9:31:53 AM**

Check Number	Check Date	Vendor	Vendor Name	Fund	Fund Description	Budget Unit-Account	Budget Unit Description	Description	Check Amount
70882349	11/26/2025	111127	CHARTER COMMUNICATIONS	112	HEALTH SERVICES	40171-53120	DRUG & ALCOHOL	176975101	$74.38
70882349	11/26/2025	111127	CHARTER COMMUNICATIONS	112	HEALTH SERVICES	40171-53120	DRUG & ALCOHOL	176978301	$18.21
70882349	11/26/2025	111127	CHARTER COMMUNICATIONS	112	HEALTH SERVICES	40171-53120	DRUG & ALCOHOL	176978601	$240.40
70882349	11/26/2025	111127	CHARTER COMMUNICATIONS	112	HEALTH SERVICES	40171-53120	DRUG & ALCOHOL	176982601	$263.12
70882349	11/26/2025	111127	CHARTER COMMUNICATIONS	112	HEALTH SERVICES	40251-53120	CLINIC SERVICES	176975001	$16.37
70882349	11/26/2025	111127	CHARTER COMMUNICATIONS	112	HEALTH SERVICES	40251-53120	CLINIC SERVICES	176975101	$69.09
70882349	11/26/2025	111127	CHARTER COMMUNICATIONS	112	HEALTH SERVICES	40251-53120	CLINIC SERVICES	176978301	$14.97
70882349	11/26/2025	111127	CHARTER COMMUNICATIONS	112	HEALTH SERVICES	40251-53120	CLINIC SERVICES	176978601	$197.68
70882350	11/26/2025	100376	CITY OF RED BLUFF	101	GENERAL FUND	2061-53300	AGRICULTURE COMM	007057-000 sewer/water	$83.79
70882351	11/26/2025	121013	COASTAL BUSINESS SYSTEMS INC	112	HEALTH SERVICES	40121-53170	PUBLIC HEALTH	MAINTENANCE OF EQUIPMENT	$18.07
70882351	11/26/2025	121013	COASTAL BUSINESS SYSTEMS INC	112	HEALTH SERVICES	40121-53250	PUBLIC HEALTH	RENT/LEASE OF EQUIPMENT	$465.90
70882351	11/26/2025	121013	COASTAL BUSINESS SYSTEMS INC	112	HEALTH SERVICES	40131-53170	MENTAL HEALTH	MAINTENANCE OF EQUIPMENT	$90.34
70882351	11/26/2025	121013	COASTAL BUSINESS SYSTEMS INC	112	HEALTH SERVICES	40131-53250	MENTAL HEALTH	RENT/LEASE OF EQUIPMENT	$72.27
70882351	11/26/2025	121013	COASTAL BUSINESS SYSTEMS INC	112	HEALTH SERVICES	40171-53170	DRUG & ALCOHOL	MAINTENANCE OF EQUIPMENT	$18.06

Tehama County

TEBK400 - Check Register

Issue Dates between Nov 23, 2025 and Nov 29, 2025

Report Generated on: **Dec 1, 2025 9:31:53 AM**

Check Number	Check Date	Vendor	Vendor Name	Fund	Fund Description	Budget Unit-Account	Budget Unit Description	Description	Check Amount
70882351	11/26/2025	121013	COASTAL BUSINESS SYSTEMS INC	112	HEALTH SERVICES	40171-53250	DRUG & ALCOHOL	RENT/LEASE OF EQUIPMENT	$335.40
70882351	11/26/2025	121013	COASTAL BUSINESS SYSTEMS INC	112	HEALTH SERVICES	40251-53170	CLINIC SERVICES	MAINTENANCE OF EQUIPMENT	$18.07
70882351	11/26/2025	121013	COASTAL BUSINESS SYSTEMS INC	112	HEALTH SERVICES	40251-53250	CLINIC SERVICES	RENT/LEASE OF EQUIPMENT	$523.53
70882352	11/26/2025	V000063	COMMUNITY BEHAVIORAL HEALTH	112	HEALTH SERVICES	40131-53230	MENTAL HEALTH	PROFESSIONAL/SPECIAL SERV	$102,006.30
70882353	11/26/2025	123858	CONTROL SOLUTIONS INC	112	HEALTH SERVICES	40121-53170	PUBLIC HEALTH	PO 9675	$187.86
70882354	11/26/2025	T0028934	CRESTWOOD BEHAVIORAL HEALTH	112	HEALTH SERVICES	40131-55400	MENTAL HEALTH	SUPPORT & CARE OF PERSONS	$28,754.00
70882354	11/26/2025	T0028934	CRESTWOOD BEHAVIORAL HEALTH	112	HEALTH SERVICES	40131-55407	MENTAL HEALTH	INSTITUTE MENTAL DISEASE	$62,913.00
70882355	11/26/2025	V000730	D JONES LTD	106	PUBLIC SAFETY	2029-57605	SHERIFF ANIMAL R	TEHAMA CO SHERIFF'S OFFICE	$15,566.20
70882355	11/26/2025	V000730	D JONES LTD	106	PUBLIC SAFETY	2029-57605	SHERIFF ANIMAL R	TEHAMA CO SHERIFFS OFFICE	$6,918.58
70882356	11/26/2025	111467	DAVIS GUEST HOME	112	HEALTH SERVICES	40131-55400	MENTAL HEALTH	SUPPORT & CARE OF PERSONS	$16,275.00
70882357	11/26/2025	125007	DEBRA J VILLASENOR	112	HEALTH SERVICES	40131-53230	MENTAL HEALTH	PROFESSIONAL/SPECIAL SERV	$3,510.00
70882358	11/26/2025	T0011864	DEPT OF HEALTH SERVICES	112	HEALTH SERVICES	40301-55400	CALIF CHILDREN S	SUPPORT & CARE OF PERSONS	$3,090.00
70882359	11/26/2025	126292	DOCS MEDICAL GROUP	106	PUBLIC SAFETY	2032-53230	JAIL	TEHAMA CO SHERIFFS	$210.00
70882360	11/26/2025	115808	ECLINICAL WORKS LLC	112	HEALTH SERVICES	40251-53230	CLINIC SERVICES	PROFESSIONAL/SPECIAL SERV	$872.90
70882361	11/26/2025	133368	ECO MEDICAL INC	112	HEALTH SERVICES	40251-53230	CLINIC SERVICES	PROFESSIONAL/SPECIAL	$272.69

Tehama County

TEBK400 - Check Register

Issue Dates between Nov 23, 2025 and Nov 29, 2025

Report Generated on: **Dec 1, 2025 9:31:53 AM**

Check Number	Check Date	Vendor	Vendor Name	Fund	Fund Description	Budget Unit-Account	Budget Unit Description	Description	Check Amount
								SERV	
70882362	11/26/2025	127756	EMPOWER TEHAMA	112	HEALTH SERVICES	40131-53230	MENTAL HEALTH	PROFESSIONAL/SPECIAL SERV	$600.00
70882363	11/26/2025	108526	EXPRESS PERSONNEL SERVICES INC	106	PUBLIC SAFETY	2032-53230	JAIL	33750345	$2,039.10
70882363	11/26/2025	108526	EXPRESS PERSONNEL SERVICES INC	112	HEALTH SERVICES	40121-53230	PUBLIC HEALTH	PROFESSIONAL/SPECIAL SERV	$7,323.39
70882363	11/26/2025	108526	EXPRESS PERSONNEL SERVICES INC	112	HEALTH SERVICES	40131-53230	MENTAL HEALTH	PROFESSIONAL/SPECIAL SERV	$13,671.69
70882364	11/26/2025	127735	FASTRAK INVOICE PROCESSING DEP	101	GENERAL FUND	2073-53291	PUB GUARDIAN / P	1525493	$35.50
70882365	11/26/2025	113434	FEDEX	108	SOCIAL SERVICES	5013-55401	SOCIAL SERVICES	4184-5664-7	$166.21
70882366	11/26/2025	112838	FRONT ST INC	112	HEALTH SERVICES	40131-55400	MENTAL HEALTH	SUPPORT & CARE OF PERSONS	$4,817.71
70882367	11/26/2025	122204	GENEVA SOFTWARE CO	112	HEALTH SERVICES	40121-53230	PUBLIC HEALTH	PROFESSIONAL/SPECIAL SERV	$228.29
70882367	11/26/2025	122204	GENEVA SOFTWARE CO	112	HEALTH SERVICES	40131-53230	MENTAL HEALTH	PROFESSIONAL/SPECIAL SERV	$398.04
70882367	11/26/2025	122204	GENEVA SOFTWARE CO	112	HEALTH SERVICES	40171-53230	DRUG & ALCOHOL	PROFESSIONAL/SPECIAL SERV	$128.76
70882367	11/26/2025	122204	GENEVA SOFTWARE CO	112	HEALTH SERVICES	40251-53230	CLINIC SERVICES	PROFESSIONAL/SPECIAL SERV	$79.91
70882368	11/26/2025	129939	GRANITE DATA SOLUTIONS	113	CHILD SUPPORT	5015-53220	CHILD SUPPORT SE	PO 51806	$1,215.95
70882369	11/26/2025	113113	GREEN WASTE OF TEHAMA	112	HEALTH SERVICES	40131-53140	MENTAL HEALTH	4019 10094	$195.43
70882369	11/26/2025	113113	GREEN WASTE OF TEHAMA	712	TEHAMA MAJOR CRI	71210-53230	TEHAMA MAJOR CRI	10097	$18.83

Tehama County

TEBK400 - Check Register

Issue Dates between Nov 23, 2025 and Nov 29, 2025

Report Generated on: **Dec 1, 2025 9:31:53 AM**

Check Number	Check Date	Vendor	Vendor Name	Fund	Fund Description	Budget Unit-Account	Budget Unit Description	Description	Check Amount
70882370	11/26/2025	113244	GREEN WASTE OF TEHAMA	112	HEALTH SERVICES	40121-53140	PUBLIC HEALTH	4018 2160209	$77.12
70882370	11/26/2025	113244	GREEN WASTE OF TEHAMA	112	HEALTH SERVICES	40131-53140	MENTAL HEALTH	4018 2160209	$94.06
70882370	11/26/2025	113244	GREEN WASTE OF TEHAMA	112	HEALTH SERVICES	40131-53140	MENTAL HEALTH	4018-2236038	$509.99
70882370	11/26/2025	113244	GREEN WASTE OF TEHAMA	112	HEALTH SERVICES	40171-53140	DRUG & ALCOHOL	4018 2160209	$39.68
70882370	11/26/2025	113244	GREEN WASTE OF TEHAMA	112	HEALTH SERVICES	40251-53140	CLINIC SERVICES	HOUSEHOLD EXPENSE	$36.86
70882371	11/26/2025	112696	HENRY SCHEIN/CALIGOR	112	HEALTH SERVICES	40121-53190	PUBLIC HEALTH	45641708	$1,834.00
70882371	11/26/2025	112696	HENRY SCHEIN/CALIGOR	112	HEALTH SERVICES	40121-53190	PUBLIC HEALTH	49438000	$480.42
70882371	11/26/2025	112696	HENRY SCHEIN/CALIGOR	112	HEALTH SERVICES	40121-53190	PUBLIC HEALTH	49438924	$95.88
70882371	11/26/2025	112696	HENRY SCHEIN/CALIGOR	112	HEALTH SERVICES	40251-53190	CLINIC SERVICES	45492071	$733.84
70882371	11/26/2025	112696	HENRY SCHEIN/CALIGOR	112	HEALTH SERVICES	40251-53190	CLINIC SERVICES	48436737	$128.79
70882371	11/26/2025	112696	HENRY SCHEIN/CALIGOR	112	HEALTH SERVICES	40251-53190	CLINIC SERVICES	48443174	$838.50
70882371	11/26/2025	112696	HENRY SCHEIN/CALIGOR	112	HEALTH SERVICES	40251-53190	CLINIC SERVICES	48444166	$5,662.88
70882371	11/26/2025	112696	HENRY SCHEIN/CALIGOR	112	HEALTH SERVICES	40251-53190	CLINIC SERVICES	48544554	$967.29
70882371	11/26/2025	112696	HENRY SCHEIN/CALIGOR	112	HEALTH SERVICES	40251-53190	CLINIC SERVICES	48697029	$461.63
70882371	11/26/2025	112696	HENRY SCHEIN/CALIGOR	112	HEALTH SERVICES	40251-53190	CLINIC SERVICES	48697067	$61.25
70882372	11/26/2025	109197	HIS IDEAS INC	112	HEALTH SERVICES	40131-53230	MENTAL HEALTH	092025 SEPT	$57,924.71
70882373	11/26/2025	112395	HOME DEPOT CREDIT SERVICES	112	HEALTH SERVICES	40121-53280	PUBLIC HEALTH	40909714-102825	$24.45
70882373	11/26/2025	112395	HOME DEPOT CREDIT SERVICES	112	HEALTH SERVICES	40131-53180	MENTAL HEALTH	40909714-102825	$572.25
70882374	11/26/2025	134656	HUMBOLDT MOVING & STORAGE CO I	101	GENERAL FUND	2073-53280	PUB GUARDIAN / P	31721 S0100	$57.75
70882375	11/26/2025	136121	HUNT & SONS LLC	112	HEALTH SERVICES	40121-53291	PUBLIC HEALTH	825001	$311.38
70882375	11/26/2025	136121	HUNT & SONS LLC	112	HEALTH SERVICES	40121-53291	PUBLIC HEALTH	852693	$184.68

Tehama County

TEBK400 - Check Register

Issue Dates between Nov 23, 2025 and Nov 29, 2025

Report Generated on: **Dec 1, 2025 9:31:53 AM**

Check Number	Check Date	Vendor	Vendor Name	Fund	Fund Description	Budget Unit-Account	Budget Unit Description	Description	Check Amount
70882375	11/26/2025	136121	HUNT & SONS LLC	112	HEALTH SERVICES	40131-53291	MENTAL HEALTH	825001	$1,458.18
70882375	11/26/2025	136121	HUNT & SONS LLC	112	HEALTH SERVICES	40131-53291	MENTAL HEALTH	852693	$908.80
70882375	11/26/2025	136121	HUNT & SONS LLC	112	HEALTH SERVICES	40171-53291	DRUG & ALCOHOL	825001	$338.82
70882375	11/26/2025	136121	HUNT & SONS LLC	112	HEALTH SERVICES	40171-53291	DRUG & ALCOHOL	852693	$222.24
70882375	11/26/2025	136121	HUNT & SONS LLC	112	HEALTH SERVICES	40251-53291	CLINIC SERVICES	825001	$107.54
70882375	11/26/2025	136121	HUNT & SONS LLC	112	HEALTH SERVICES	40251-53291	CLINIC SERVICES	852693	$73.86
70882375	11/26/2025	136121	HUNT & SONS LLC	116	SENIOR NUTRITION	5063-53291	SENIOR NUTRITION	6035	$369.10
70882376	11/26/2025	100801	IMPRESSIVE PRINT	106	PUBLIC SAFETY	2032-53220	JAIL	TEHAMA CO SHERIFFS	$808.40
70882377	11/26/2025	132637	INTERNATIONAL CHEMTEX CORP	101	GENERAL FUND	1074-53230	FACILITIES MAINT	275873	$730.00
70882378	11/26/2025	127190	JAMES R COLES	112	HEALTH SERVICES	40131-53230	MENTAL HEALTH	3930	$1,210.00
70882379	11/26/2025	136228	JOHN MUIR PHYSICIAN NETWORK	112	HEALTH SERVICES	40131-55400	MENTAL HEALTH	92570715f-090925	$2,911.00
70882379	11/26/2025	136228	JOHN MUIR PHYSICIAN NETWORK	112	HEALTH SERVICES	40131-55400	MENTAL HEALTH	96280777f-013125	$1,910.00
70882380	11/26/2025	101699	JOHN W CORNELISON DBA	106	PUBLIC SAFETY	2032-53170	JAIL	TEHAMA CO SHERIFFS	$516.00
70882380	11/26/2025	101699	JOHN W CORNELISON DBA	106	PUBLIC SAFETY	2032-53220	JAIL	TEHAMA CO SHERIFFS	$80.36
70882380	11/26/2025	101699	JOHN W CORNELISON DBA	112	HEALTH SERVICES	40121-53220	PUBLIC HEALTH	52508	$108.28
70882380	11/26/2025	101699	JOHN W CORNELISON DBA	112	HEALTH SERVICES	40131-53220	MENTAL HEALTH	52508	$132.07
70882380	11/26/2025	101699	JOHN W CORNELISON DBA	112	HEALTH SERVICES	40171-53220	DRUG & ALCOHOL	52508	$55.72
70882380	11/26/2025	101699	JOHN W CORNELISON DBA	112	HEALTH SERVICES	40251-53220	CLINIC SERVICES	52508	$51.76
70882381	11/26/2025	123750	KINGS VIEW CORPORATION	112	HEALTH SERVICES	40131-53230	MENTAL HEALTH	103125	$17,955.00

Tehama County

TEBK400 - Check Register

Issue Dates between Nov 23, 2025 and Nov 29, 2025

Report Generated on: **Dec 1, 2025 9:31:53 AM**

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70882382	11/26/2025	106271	LANGUAGE LINE SERVICES INC	106	PUBLIC SAFETY	2032-53120	JAIL	9020101124	$22.59
70882382	11/26/2025	106271	LANGUAGE LINE SERVICES INC	108	SOCIAL SERVICES	5013-53120	SOCIAL SERVICES	9020101124	$757.77
70882382	11/26/2025	106271	LANGUAGE LINE SERVICES INC	112	HEALTH SERVICES	40121-53120	PUBLIC HEALTH	9020101124	$344.52
70882382	11/26/2025	106271	LANGUAGE LINE SERVICES INC	112	HEALTH SERVICES	40131-53120	MENTAL HEALTH	9020101124	$6.59
70882382	11/26/2025	106271	LANGUAGE LINE SERVICES INC	112	HEALTH SERVICES	40251-53120	CLINIC SERVICES	9020101124	$114.84
70882383	11/26/2025	V000743	LEHR	106	PUBLIC SAFETY	2028-53170	AUTO SHOP	66090	$268.85
70882384	11/26/2025	106086	LOCUM TENENS COM	112	HEALTH SERVICES	40131-53230	MENTAL HEALTH	as1191364	$650.00
70882384	11/26/2025	106086	LOCUM TENENS COM	112	HEALTH SERVICES	40131-53230	MENTAL HEALTH	AS1194818	$1,300.00
70882384	11/26/2025	106086	LOCUM TENENS COM	112	HEALTH SERVICES	40131-53230	MENTAL HEALTH	AS1196886	$1,300.00
70882385	11/26/2025	136652	LORRAINE L WILLIAMS	112	HEALTH SERVICES	40131-53230	MENTAL HEALTH	2025	$1,557.50
70882385	11/26/2025	136652	LORRAINE L WILLIAMS	112	HEALTH SERVICES	40251-53230	CLINIC SERVICES	2025	$175.00
70882386	11/26/2025	V000044	MAGNET FORENSICS LLC	712	TEHAMA MAJOR CRI	71210-53170	TEHAMA MAJOR CRI	CUS9889 TEHAMA CO SHERIFF	$12,410.00
70882387	11/26/2025	123687	MCI COMM SERVICE	106	PUBLIC SAFETY	2027-53120	SHERIFF	7DF80477	$36.35
70882388	11/26/2025	129181	MCKESSON MEDICAL	112	HEALTH SERVICES	40251-53190	CLINIC SERVICES	80897879 PO9552	$4,212.32
70882388	11/26/2025	129181	MCKESSON MEDICAL	112	HEALTH SERVICES	40251-53190	CLINIC SERVICES	81280164 PO9552	$227.55
70882389	11/26/2025	118348	MORGAN TELECOM INC	101	GENERAL FUND	2073-53120	PUB GUARDIAN / P	17539	$201.15
70882390	11/26/2025	108986	NETSMART OHIO, INC	112	HEALTH SERVICES	40131-53230	MENTAL HEALTH	BD0686740	$9,161.25
70882390	11/26/2025	108986	NETSMART OHIO, INC	112	HEALTH SERVICES	40131-53230	MENTAL HEALTH	BD0686986	$18,027.08
70882390	11/26/2025	108986	NETSMART OHIO, INC	112	HEALTH SERVICES	40171-53230	DRUG & ALCOHOL	BD0686740	$9,161.25

Tehama County

TEBK400 - Check Register

Issue Dates between Nov 23, 2025 and Nov 29, 2025

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70882390	11/26/2025	108986	NETSMART OHIO, INC	112	HEALTH SERVICES	40251-53230	CLINIC SERVICES	BD0686986	$18,027.08
70882391	11/26/2025	106919	NORTHERN CAL CHILD DEVELOPMENT	108	SOCIAL SERVICES	5013-532300	SOCIAL SERVICES	PROFESSION/SPEC OTHER	$34,249.64
70882392	11/26/2025	101180	NVCSS	112	HEALTH SERVICES	40131-53230	MENTAL HEALTH	093025-PP	$14,034.67
70882392	11/26/2025	101180	NVCSS	112	HEALTH SERVICES	40131-53230	MENTAL HEALTH	093025-WF	$7,184.51
70882393	11/26/2025	121129	NORTHRIDGE EYE CARE	106	PUBLIC SAFETY	20321-532397	JAIL - HEALTH SE	RODRIGUEZ, S	$548.00
70882394	11/26/2025	110884	O'REILLY AUTOMOTIVE INC	106	PUBLIC SAFETY	2028-53170	AUTO SHOP	1047279	$55.05
70882395	11/26/2025	133177	OFFICE DEPOT	108	SOCIAL SERVICES	5013-53220	SOCIAL SERVICES	89517192	$56.63
70882396	11/26/2025	104757	OFFICE DEPOT (BUSINESS SVCS DI	112	HEALTH SERVICES	40121-53140	PUBLIC HEALTH	445791030001	$1.70
70882396	11/26/2025	104757	OFFICE DEPOT (BUSINESS SVCS DI	112	HEALTH SERVICES	40121-53220	PUBLIC HEALTH	443179220001	$12.87
70882396	11/26/2025	104757	OFFICE DEPOT (BUSINESS SVCS DI	112	HEALTH SERVICES	40121-53220	PUBLIC HEALTH	445791030001	$17.64
70882396	11/26/2025	104757	OFFICE DEPOT (BUSINESS SVCS DI	112	HEALTH SERVICES	40131-53140	MENTAL HEALTH	445791030001	$2.08
70882396	11/26/2025	104757	OFFICE DEPOT (BUSINESS SVCS DI	112	HEALTH SERVICES	40131-53220	MENTAL HEALTH	439027575001	$211.13
70882396	11/26/2025	104757	OFFICE DEPOT (BUSINESS SVCS DI	112	HEALTH SERVICES	40131-53220	MENTAL HEALTH	443179220001	$15.69
70882396	11/26/2025	104757	OFFICE DEPOT (BUSINESS SVCS DI	112	HEALTH SERVICES	40131-53220	MENTAL HEALTH	44535667001	$58.57
70882396	11/26/2025	104757	OFFICE DEPOT (BUSINESS SVCS DI	112	HEALTH SERVICES	40131-53220	MENTAL HEALTH	445370243001	$19.19
70882396	11/26/2025	104757	OFFICE DEPOT (BUSINESS	112	HEALTH SERVICES	40131-53220	MENTAL HEALTH	445372992001	$58.57

Tehama County

TEBK400 - Check Register

Issue Dates between Nov 23, 2025 and Nov 29, 2025

Report Generated on: **Dec 1, 2025 9:31:53 AM**

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			SVCS DI						
70882396	11/26/2025	104757	OFFICE DEPOT (BUSINESS SVCS DI	112	HEALTH SERVICES	40131-53220	MENTAL HEALTH	445374934001	$19.19
70882396	11/26/2025	104757	OFFICE DEPOT (BUSINESS SVCS DI	112	HEALTH SERVICES	40131-53220	MENTAL HEALTH	445791030001	$21.52
70882396	11/26/2025	104757	OFFICE DEPOT (BUSINESS SVCS DI	112	HEALTH SERVICES	40171-53140	DRUG & ALCOHOL	445791030001	$0.88
70882396	11/26/2025	104757	OFFICE DEPOT (BUSINESS SVCS DI	112	HEALTH SERVICES	40171-53220	DRUG & ALCOHOL	443179220001	$6.62
70882396	11/26/2025	104757	OFFICE DEPOT (BUSINESS SVCS DI	112	HEALTH SERVICES	40171-53220	DRUG & ALCOHOL	445791030001	$9.08
70882396	11/26/2025	104757	OFFICE DEPOT (BUSINESS SVCS DI	112	HEALTH SERVICES	40251-53140	CLINIC SERVICES	445791030001	$0.81
70882396	11/26/2025	104757	OFFICE DEPOT (BUSINESS SVCS DI	112	HEALTH SERVICES	40251-53220	CLINIC SERVICES	443179220001	$6.15
70882396	11/26/2025	104757	OFFICE DEPOT (BUSINESS SVCS DI	112	HEALTH SERVICES	40251-53220	CLINIC SERVICES	445791030001	$8.43
70882397	11/26/2025	127472	OIG COMPLIANCE NOW	112	HEALTH SERVICES	40121-53230	PUBLIC HEALTH	28239	$28.51
70882397	11/26/2025	127472	OIG COMPLIANCE NOW	112	HEALTH SERVICES	40131-53230	MENTAL HEALTH	28239	$28.51
70882397	11/26/2025	127472	OIG COMPLIANCE NOW	112	HEALTH SERVICES	40171-53230	DRUG & ALCOHOL	28239	$28.52
70882397	11/26/2025	127472	OIG COMPLIANCE NOW	112	HEALTH SERVICES	40251-53230	CLINIC SERVICES	28239	$28.51
70882398	11/26/2025	106968	ORIENTAL TRADING	112	HEALTH SERVICES	40171-53280	DRUG & ALCOHOL	73797615201 PO9637	$32.24
70882398	11/26/2025	106968	ORIENTAL TRADING	112	HEALTH SERVICES	40171-53280	DRUG & ALCOHOL	73797615202 PO9637	$134.29
70882399	11/26/2025	101231	PACIFIC GAS & ELECTRIC	101	GENERAL FUND	2072-53300	SHERIFF - CORONE	9508521897-2	$750.00
70882399	11/26/2025	101231	PACIFIC GAS & ELECTRIC	106	PUBLIC SAFETY	2027-53300	SHERIFF	9508521897-2	$1,726.66

Tehama County

TEBK400 - Check Register

Issue Dates between Nov 23, 2025 and Nov 29, 2025

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70882399	11/26/2025	101231	PACIFIC GAS & ELECTRIC	106	PUBLIC SAFETY	2028-53300	AUTO SHOP	0254503023-7	$532.01
70882399	11/26/2025	101231	PACIFIC GAS & ELECTRIC	106	PUBLIC SAFETY	2031-53300	WORK FARM	7199495590-5	$287.83
70882399	11/26/2025	101231	PACIFIC GAS & ELECTRIC	112	HEALTH SERVICES	40121-53300	PUBLIC HEALTH	9090130622-6	$0.86
70882399	11/26/2025	101231	PACIFIC GAS & ELECTRIC	112	HEALTH SERVICES	40131-53300	MENTAL HEALTH	0673650287-0	$22.39
70882399	11/26/2025	101231	PACIFIC GAS & ELECTRIC	112	HEALTH SERVICES	40131-53300	MENTAL HEALTH	7171318975-2	$318.82
70882399	11/26/2025	101231	PACIFIC GAS & ELECTRIC	112	HEALTH SERVICES	40131-53300	MENTAL HEALTH	9090130622-6	$1.04
70882399	11/26/2025	101231	PACIFIC GAS & ELECTRIC	112	HEALTH SERVICES	40171-53300	DRUG & ALCOHOL	9090130622-6	$0.44
70882399	11/26/2025	101231	PACIFIC GAS & ELECTRIC	112	HEALTH SERVICES	40251-53300	CLINIC SERVICES	9090130622-6	$0.41
70882399	11/26/2025	101231	PACIFIC GAS & ELECTRIC	602	LOS MOLINOS LIGH	60210-53300	LOS MOLINOS LIGH	5857641234-8	$853.43
70882399	11/26/2025	101231	PACIFIC GAS & ELECTRIC	712	TEHAMA MAJOR CRI	71210-53300	TEHAMA MAJOR CRI	9508521897-2	$500.00
70882400	11/26/2025	101241	PAINT MARTS	106	PUBLIC SAFETY	2027-53170	SHERIFF	R402628	$82.39
70882401	11/26/2025	128912	PLACEWORKS INC	101	GENERAL FUND	2077-53230	PLANNING DEPARTM	Inv. Aug 2025	$0.00
70882401	11/26/2025	128912	PLACEWORKS INC	101	GENERAL FUND	2077-53230	PLANNING DEPARTM	INV. Aug and Oct 2025	$12,717.50
70882401	11/26/2025	128912	PLACEWORKS INC	101	GENERAL FUND	2077-53230	PLANNING DEPARTM	INV. Oct 2025 HE	$1,168.75
70882402	11/26/2025	117529	PRO PACIFIC	106	PUBLIC SAFETY	2032-53130	JAIL	61960	$722.37
70882403	11/26/2025	108185	PRODUCERS DAIRY FOODS INC	106	PUBLIC SAFETY	2032-53130	JAIL	818652	$998.98
70882404	11/26/2025	105400	RENTAL GUYS INC	101	GENERAL FUND	1074-53250	FACILITIES MAINT	1063270-3 po429066	$2,806.94
70882405	11/26/2025	V000188	RESPONSE MARKETING INC	112	HEALTH SERVICES	40131-53220	MENTAL HEALTH	261807 po9674	$1,078.00
70882406	11/26/2025	126210	RESTPADD HEALTH CORP	112	HEALTH SERVICES	40131-55400	MENTAL HEALTH	102503	$85,084.00
70882407	11/26/2025	119576	RESTPADD	112	HEALTH SERVICES	40131-55400	MENTAL HEALTH	RDG102503	$34,608.00
70882408	11/26/2025	T0033040	ROY MITCHELL	112	HEALTH SERVICES	40131-53280	MENTAL HEALTH	123125	$1,579.00

Tehama County

TEBK400 - Check Register

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70882409	11/26/2025	102334	SATCOM GLOBAL INC	112	HEALTH SERVICES	40121-53120	PUBLIC HEALTH	AI11250335	$118.43
70882409	11/26/2025	102334	SATCOM GLOBAL INC	112	HEALTH SERVICES	40131-53120	MENTAL HEALTH	AI11250335	$78.96
70882410	11/26/2025	104207	ST ELIZABETH COMM HOSP	106	PUBLIC SAFETY	20321-532392	JAIL - HEALTH SE	1000403797	$701.20
70882410	11/26/2025	104207	ST ELIZABETH COMM HOSP	106	PUBLIC SAFETY	20321-532392	JAIL - HEALTH SE	GUTIERREZ, M	$15,777.00
70882411	11/26/2025	107566	SYSCO	106	PUBLIC SAFETY	2032-53130	JAIL	619919	$1,340.06
70882411	11/26/2025	107566	SYSCO	106	PUBLIC SAFETY	2032-53140	JAIL	619919	$129.03
70882412	11/26/2025	121395	ULINE	101	GENERAL FUND	2072-53190	SHERIFF - CORONE	23667534	$811.33
70882413	11/26/2025	105075	US FOODS INC	106	PUBLIC SAFETY	2032-53130	JAIL	3370715	$1,782.73
70882413	11/26/2025	105075	US FOODS INC	106	PUBLIC SAFETY	2032-53140	JAIL	3370715	$90.99
70882414	11/26/2025	101798	VALLEY VETERINARY CLINIC	106	PUBLIC SAFETY	2027-5323016	SHERIFF	208362	$247.28
70882415	11/26/2025	117079	VERIZON WIRELESS	101	GENERAL FUND	2061-53120	AGRICULTURE COMM	770720905-00039 - 10/19-11/18	$379.40
70882416	11/26/2025	136143	VESTIS SERVICES LLC	106	PUBLIC SAFETY	2028-53230	AUTO SHOP	176371000	$452.02
70882417	11/26/2025	133935	BRIAN LAIR	265	COUNTY P/R TRUST	265-207801	NOT APPLICABLE	PERS	$511.46
70882418	11/26/2025	124134	JAMIE CASTRO	265	COUNTY P/R TRUST	265-207801	NOT APPLICABLE	PERS REPAY	$38.67
70882419	11/26/2025	V000309	JOSEPH DONALDSON	106	PUBLIC SAFETY	2032-53110	JAIL	SAFTY BOOTS 2025	$262.75
70882420	11/26/2025	129756	POLICE RECORDS AND INFO MGMNT	106	PUBLIC SAFETY	2027-53290	SHERIFF	TEHAMA CO SHERIFFS	$519.10

Tehama County

Agenda Request Form

File #: 25-2095 **Agenda Date:** 12/16/2025 **Agenda #:** 2.

AUDITOR'S CLAIMS

Requested Action(s)
a) Court Operations, 2026-53221, Richard J. Ofshe Inc., $1,837.50.

Financial Impact:
As listed.

Background Information:
Click here to enter Background Info.

25-2095

COUNTY OF TEHAMA
STATE OF CALIFORNIA

CLAIM / AUTHORIZATION FOR RELEASE OF FUNDS

AUDITORS USE ONLY	
COUNTY CLAIM No	
VENDOR No 129761	KP & VERIFIED

CLAIMANT'S NAME Richard J Ofshe ~~Ph D.~~ Inc.
ADDRESS 11585 Billagio Road
Los Angeles, Ca 90049

RECEIVED NOV 13 2025

PURCHASE ORDER / AGREEMENT No.

DEPARTMENT:

FUND	DEPT	ACCT. No.	PROJECT No.	ACCT. No.	WARRANT DESCRIPTION (25 positions)	AMOUNT
53221	2026				PEOPLE VS.	1837.50
					24CR2515 10/23/25	

DATE	DESCRIPTION - CLAIMS MUST BE ITEMIZED AND INVOICES ATTACHED	TOTAL	$1,837.50
11/11/2025	PEOPLE VS 24CR2515		

W-9 to Fran
Ex Parte Appointment of Expert / Ex Parte Fees

Original: Auditor
Copy 1: Claims File
Copy 2:
Copy 3:

Purchase Order Required:
o Supplies over allowed maximum
o Supplies + labor or installation charges
o One-time services (insurance must be on file)
o Write P O Number above & attach to claim

Agreement Required:
o All services except one-time
o Certificate of Insurance must be on file
o Write Agreement Number above

Under penalty of perjury, I certify that the above claim, and the items and statements as herein set forth, are true and correct, that no part has been paid, that the amount therein is justly due, and that the same is presented within one year after the last item thereof has accrued

AUDITORS USE ONLY
I hereby certify that the above claim was examined and approved by this office
Krista Peterson
Auditor-Controller
By AZ 12/03/25
Deputy County Auditor

BOARD OF SUPERVISORS
Approved
Date
Chairman

CLAIMANT Richard J Ofshe Ph D

I hereby certify under penalty of perjury, that I have not violated any of the provisions of Article Four, Chapter One, Division Four, Title One of the Calif Gov Code Furthermore, that the articles of services specified in the above claim were necessary and were ordered by me for use by the department and for the purpose indicated above or services have been delivered or performed as stated hereon except as otherwise indicated by me

SIGNED _____ 11/18/2025
Department Head or Authorized Signature / Date

FORM A-121 (10/97)
bos\county claim form

Tehama County

Agenda Request Form

File #: 25-2122 **Agenda Date:** 12/16/2025 **Agenda #:** 3.

PROBATION

Requested Action(s)
a) TRANSFER OF FUNDS: PROBATION, B-23, From Maintenance of Equipment (2037-53170) $7,888.35 to Office Equipment (2037-57601) $7,888.35 **(Requires a 4/5's vote)**

Financial Impact:
There will be no financial impact to the General Fund, as monies will be transferred from one previously budgeted account to another.

Background Information:
The copier/printer at the main Probation building has stopped working and the defective part is no longer in production. Repairing this machine is not an option. For this reason, purchase of a new copier/printer is necessary to accommodate the needs of the Adult Probation facility. As this is a fixed asset, funds will need to be transferred into the Office Equipment (2037-57601) account to pay for this cost. Based on current expenditures, the most appropriate account to transfer funds from is Maintenance of Equipment (2037-53170).

Tehama County Auditor's Office

BUDGET APPROPRIATION TRANSFER REQUEST

Auditor Number B-23

DEPARTMENT NAME **Probation**

Date: **November 17, 2025**

Due to a budget deficiency, or unanticipated expense, I am requesting a transfer, or an additional appropriation as listed below.

The main copier/printing machine at the Adult Probation building cannot be repaired as the deficient part is no longer in production. For this reason a new machine will be purchased and charged to account 57601-Office Equipment. Because this was an unforeseen expense, the funds for this purchase must be transferred from 2037-53170 Maintenance of Equipment to cover this charge.

Budget Transfer From				Budget Transfer To			
FUND DEPT NO	**ACCOUNT NUMBER**	**ACCOUNT NAME**	**AMOUNT**	**FUND DEPT NO**	**ACCOUNT NUMBER**	**ACCOUNT NAME**	**AMOUNT**
2037	53170	Maintenance of Equipment	$ 7,888.35	2037	57601	Office Equipment	$ 7,888.35
		Total Journal	**$ 7,888.35**			Total Journal	**$ 7,888.35**

TRANSFER APPROVED

P Gorgas 11/21/25

SIGNATURE OF REQUESTING OFFICIAL DATE

Ana Zamacona 11/21/2025

AUDITOR DATE

BOARD OF SUPERVISORS DATE

A-118 3/03

KYOCERA

AUTHORIZED DEALER

Carrel's Office Solutions

A Custom KYOCERA
TASKalfa MZ4001i
Multifunctional Document Solution
Designed For

Tehama County Adult Probation

Submitted By
Amanda Carrel
Amanda@Carrels.com
Ph. (530) 241-3718
11/10/2025

A Custom Imaging Solution Designed For

Tehama County Adult Probation

Proposed Equipment Kyocera TASKalfa MZ4001i Digital Imaging System

- **Black & White Multifunctional System; Print, Copy, Fax, & Full Color Scan.**
- **Delivers Clear, Precise, Quality Prints at 40 Pages Per Minute.**
- 320 Page Dual Scan Document Feeder with Multi-Feed Sensor.
- Efficient Single Pass Duplex Color Scanning at 274 Images Per Minute.
- Stackless Duplexing Unit.
- 600 dpi Scan Resolution.
- Scan File Formats: TIFF, PDF, OpenXPS, XPS, JPEG.
- Scanning Functions: Scan to Folder (SMB), Scan to Email, Scan to FTP, Scan to FTP over SSL, Scan to USB, WSD Scan, TWAIN Scan.
- Convenient Wireless & Remote Printing and Scanning Apple AirPrint®, E-Mail Print, Google Cloud Print™ and Kyocera Mobile Print Compatible for Mobile Printing Solutions.
- Paper Weight: 14lb Bond to 166lb Index.
- Paper Materials: Plain Paper, Bond Paper, Recycled Paper, Envelopes, Cardstock, Transparencies, Labels.
- Paper Sizes: 5.5" x 8.5" to 12" x 48", Banner & Custom Sizes.
- Dual 1,500 Sheet Paper Trays, Two 500 Sheet Paper Trays and a 150 Sheet Multipurpose Tray.
- 1,000 Sheet Finisher with 3 Position Stapler.
- Standard Features: Page Collate (Electronic Sorting), Cover Mode, and Interrupt Copy.
- Standard USB Host Interface for On the Go Printing and Scanning.
- 4 USB Host Interfaces, Hi-Speed USB 2.0, & 2 Expansion Slots.
- Customizable 10.1" Color Touch Screen with Intuitive Tablet-like Home Screen.
- Custom Document Box.
- Walk up Ready with Wake up Sensor.
- Remote Management.
- Guarded Access & Secure Print Release.
- Protected Data Storage & Secure Communication

A Custom Imaging Solution Designed
Especially For

Tehama County
Adult Probation

Equipment

Kyocera TASKalfa MZ4001i Digital Imaging System Including

Black & White Multifunctional System; Print, Copy, Fax, & Full Color Scan
320 Page Per Minute Dual Scan Doc. Feeder with Multi-Feed Detection
Network Print and Scan
USB Print and Scan
Two 500 Sheet Paper Trays
Dual 1,500 Sheet Paper Trays
1,000 Sheet Finisher
3 Position Stapler
2 & 3 Hole Punch
Network Fax Board
Wireless LAN Interface

Equipment Pricing

MSRP	**$ 21,583.00**
Authorized Government Discount Program	**- 14,245.00**
Total Investment	**$ 7,338.00**

Tehama County qualifies for OMNIA Partnership Discounted Pricing as Reflected Above.

Includes Shipping, Surge, Install, and Training.

Plus Sales Tax,
by 12/05/2025.

Customer Satisfaction Agreement Proposal
For

Tehama County Adult Probation

Kyocera TASKalfa MZ4001ci Digital Imaging System

Full Service Maintenance Agreement (FSMA)
Coverage: All parts and labor required to keep your copier in the best available condition, and all supplies, (except paper, network and staples).

Black & White
$ 0.0077 Per Page

Billed Monthly
(No Minimum or Overage Charges)

In Addition, Carrel's Office Solutions will:
1. Provide FACTORY TRAINED technicians
2. Perform all necessary calls, to clean and adjust your machine as required.
3. Maintain customer supply levels at all times.
4. We strive to give 4 hours response time.

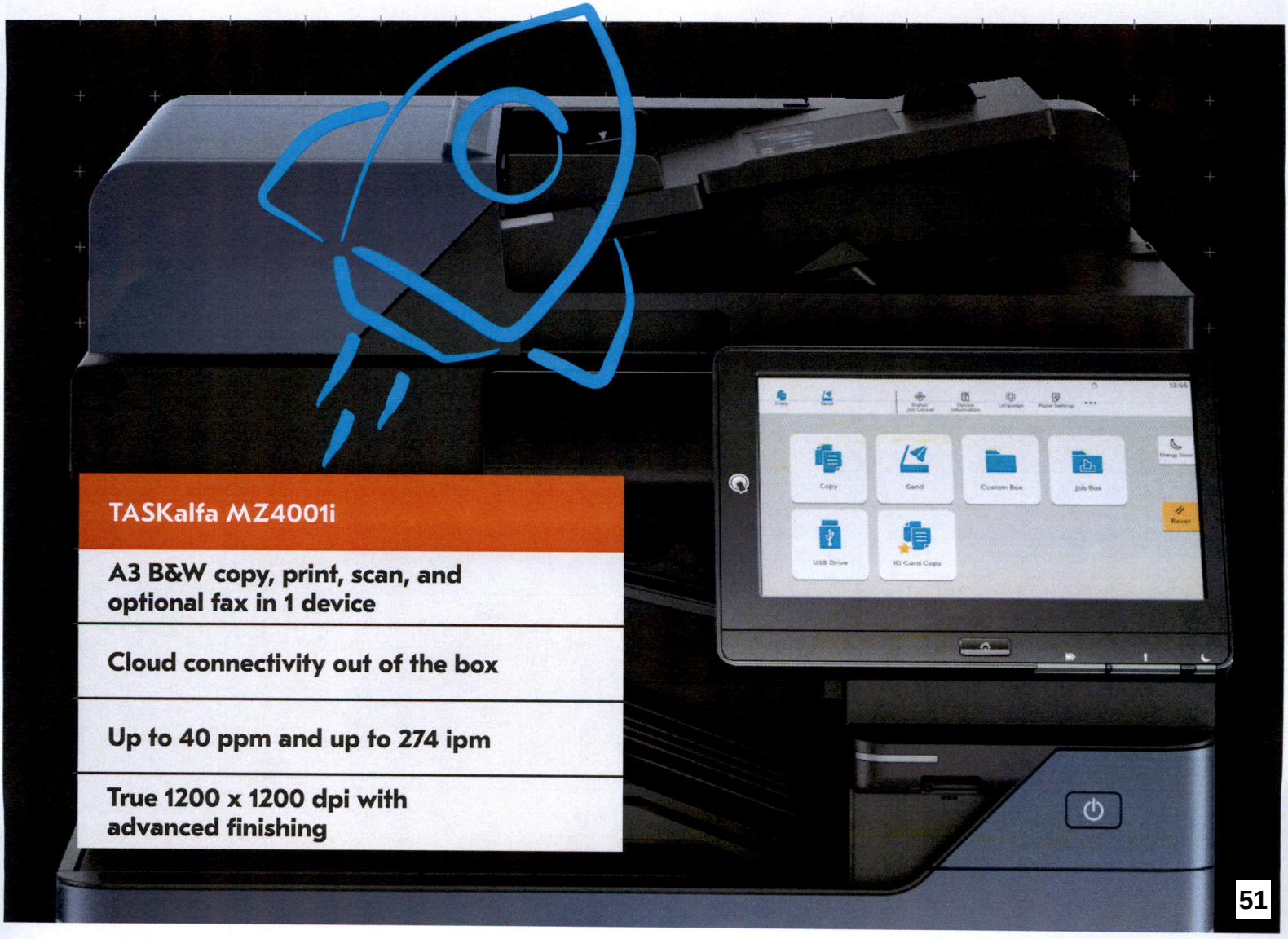
The above proposal is based upon a twelve-month contract, billed monthly. Applicable taxes not included.

KYOCERA

kyoceradocumentsolutions.us

The sky's the limit

EvolutionNext is our follow up to the Evolution Series. With award-winning reliability, advanced security, and versatile finishing options, our sustainable design will help your business thrive.



TASKalfa MZ4001i

BASIC SPECIFICATIONS

Configuration: BW MFP - Print/Copy/Scan/Optional Fax
Speed: Letter: 40 ppm, Legal: 24 ppm, Ledger: 20 ppm (print only)
Warm Up Time: 14.4 seconds or less (power on)
First Page Out:
Copy: 4.5 seconds
Print: 5.1 seconds
Display: 10.1" Color Touch Screen Control Panel
Memory/Hard Disk Drive: 4GB RAM/32GB SSD/ 320GB HDD Standard, 1TB HDD (option)
Duplex: Standard Stackless Duplex supports Statement (5.5" x 8.5") to Ledger (12" x 18"), 16 lb. Bond - 142 lb. Index (60 – 256gsm)
Standard Output Tray: Statement – 12" x 18"/500-sheets; up to 12" x 48" Banner (single sheet)
Electrical Requirements: 120V, 60Hz, 12A; 220-240V, 50/60Hz, 7.2A
Typical Electricity Consumption (TEC): 120V: .49 kWh/week; 220V: .31 kWh/week
Dimensions: 23.7" W x 26.1" D x 31.1" H
Weight: 182 lbs
Maximum Monthly Duty Cycle: 150,000 Pages per Month

PAPER SUPPLY

Paper Capacity: Standard 1,150-sheets; Maximum 7,150-sheets
Standard Paper Sources: Dual 500-sheet Trays, 150-sheet MPT, Auto Selection/Switching
Standard Paper Size:
Tray 1 – 5.5" x 8.5" – 8.5" x 14" (statement to legal)
Tray 2 – 5.5" x 8.5" – 12" x 18", Custom Size
MPT: 5.5" x 8.5" – 12" x 18" (multiple); to 12" x 48" Banner (single)

Optional Paper Sources:
PF-7140 Dual 500-sheet Tray Option - 5.5" x 8.5" – 12" x 18"
PF-7150 Dual 1,500-sheet Tray Option - 8.5" x 11"
PF-7120 3,000-sheet Large Capacity Tray Option - 8.5" x 11"

Paper Weight:
Trays/MPT: 14 lb. Bond – 166 lb. Index (52 – 300gsm)
Input Materials: Standard/Optional Trays: Plain, Bond, Recycled, Preprinted, Vellum, Color, Pre-Punched, Thick, Thin, High Quality, Letterhead, Envelope, Custom; MPT: Plain, Bond, Recycled, Preprinted, Vellum, Color, Pre-Punched, Thick, Thin, High Quality, Transparency (OHP), Coated, Index Tab, Label, Letterhead, Envelope, Custom

SECURITY SPECIFICATIONS

Guarded Access: LDAP, IP Filtering, Secure Print Release, SMTP Authentication, Create Encrypted PDF, Failed Authentication Lockout, Card Authentication.

Protected Data Storage: SSD/HDD Overwrite, AES 256 Data Storage Encryption, Trusted Platform Module, IEC-15408, Common Criteria, IEEE 2600 Certified, HCD-PP Certified.

Secure Communication: TLS v1.3, SMB 3.1.1, HTTPS, ECDSA, FIPS 140-3 Encryption, S/ MIME, IPSec with HCD-PP, IPPS Printing (Over TLS), SCEP Certificated Enrollment, OCSP/CRL Certificates, 802.1X Ethernet Certificates, SHA 2 384.

Advanced Management: 3 Preset Security Level Configurations, Remote Management of Fleet, SNMP v3 Monitoring, SIEM/Syslog Monitoring, Secure Boot Check, Run Time Integrity Checks, Allow List.

PRINT SPECIFICATION

Standard Controller: ARM Cortex-A53/1.6GHz
PDLs/Emulations: PRESCRIBE, PCL6 (PCL-XL/PCL-5e), KPDL3 (PS3), XPS, OPEN XPS, PDF; Optional (UG 34): IBM ProPrinter, Line Printer, LQ-850
Print Resolution: Up to 4800 x 1200 dpi
Fonts: KPDL3, PCL6, Bitmap
OS Compatibility: Windows: 8.1/10/Server 2012/ Server 2012 R2/Server 2016/Server 2019; Mac OS X v10.0 or later; Chrome OS
Mobile Printing: Apple AirPrint®, Mopria®, KYOCERA Mobile Print, KYOCERA MyPanel
Interfaces: Standard: 1000 Base-T/100-Base-Tx/10BASE-T (IPv6, IPv4, IPsec), 802.3az ready, High-Speed USB 3.0, 4 USB 2.0 Host Interfaces, 2 Expansion Slots, IEEE 802.11b/g/n Wireless LAN (supports up to 98.5 feet); Optional: IEEE 802.11a/b/g/n/ac (**IB-37** for 2.4/5GHz - **IB-38** for 2.4GHz), 10/100/1000BaseTX (**IB-53** for Dual NIC); IEEE 802.11b/g/n (**IB-51** for Wireless LAN Interface (supports up to 328.1 feet)
Network Print and Supported Protocols: HTTPS, FTPS, SNMP v1/v2c/v3, Raw Port (Port 9100) TCP/IP, IPv4, IPv6, DHCP LPR, DNS, WSD Scan/Print
Drivers: KX Driver, PCL Mini Driver, KPDL Mini Driver, Network Fax Driver, TWAIN Driver, WIA Driver, Status Monitor, Common Profile, Output to PDF, Security Watermark, Super Resolution, Color Optimizer, MAC Driver, Chrome Print Driver, Linux Driver, KX Driver with Distributed Printing, Windows Inbox Driver, SANE Driver
Utilities: KYOCERA Net Viewer, KYOCERA Net Device Manager, Quick Setup, KX PRESCRIBE Macro Generator, ID Register, Software Management Service, Upgrade Studio, Web Package Maker, Removal Tool, Wi-Fi Setup Tool, PDF Direct Print, Command Center RX; Kyocera Net Manager (option)

SCAN SPECIFICATION

Scan Type: Color and Black & White Scanner
Scan Resolution: 600/400/300/200 dpi, 200 x 100 dpi, 200 x 400 dpi
File Formats: TIFF, JPEG, XPS, OpenXPS, PDF/A-2.0 (MMR/JPG Compression/High Compression PDF); Option: Scan Extension Kit Text Searchable PDF; MS Office File
Connectivity/Supported Protocols: 10 BASE-T/100 BASE-TX/1000 BASE-T (IPv6, IPv4, IPSec) TCP/IP, Hi-Speed USB 3.0
Scanning Functions: Scan-to-Folder (SMBv3), Scan-to-Email, Scan-to-FTPS over TLS, Scan-to-USB, PDF Digital Signatures, WSD Scan, DSM/SANE Scan, TWAIN Scan, Specified Color Removal, Border Erase, Preview
Original Size: Up to 11" x 17" (Glass)
Drivers: TWAIN/WIA/DSM-SANE Driver/WSD Scan

OPTIONAL DOCUMENT PROCESSORS[2]

Acceptable Originals: 5.5" x 8.5" – 11" x 17"

DP-7150: Reverse Auto Document Processor/140-sheets
Speed: Simplex: 80 ipm; Duplex: 48 ipm (BW/Color)
Weight: Simplex: 13 lb. Bond – 90 lb. Index (35 – 160gsm)
Duplex: 16 lb. – 32 lb. Bond (50 – 120gsm)

DP-7160: Dual Scan Document Processor/320-sheets
Speed: Simplex: 137 ipm; Duplex: 274 ipm (BW/Color)
Weights: Simplex: 13 lb. Bond – 120 lb. Index (35 – 220gsm)
Duplex: 16 lb. – 120 lb. Index (50 – 220gsm)

DP-7170 (with multi-feed and staple detection):
Dual Scan Document Processor/320-sheets
Speed: Simplex: 137 ipm; Duplex: 274 ipm (BW/Color)
Weights: Simplex: 13 lb. Bond – 120 lb. Index (35 – 220gsm)
Duplex: 16 lb. – 120 lb. Index (50 – 220gsm)

COPY SPECIFICATIONS

Copy Resolution: 600 x 600 dpi
Image Mode: Text, Photo, Text/Photo, Graphic/Map
Continuous Copy: 1 – 9,999
Additional Features: Auto Magnification, Auto Paper Select, Combine Copy, Mirror Image, Rotate Copy, Border Erase, Split Copy, Margin Shift, Page Number, Form Overlay, Blank Page Skip, Specified Color Removal, Proof Copy, Preview, ID Card Copy
Job Management: 1,000 User Codes, Job Build, Shortcut Keys, Repeat Copy
Magnification/Zoom: Full Size, 4 Reduction, 4 Enlargement Preset Ratios, 25 – 400% in 1% Step Increments
Document Box: Custom/Job/USB Drive Box, Fax Box (w/option)

OPTIONAL FAX SPECIFICATIONS

Fax Type: Fax System (option)
Type/Data Compression: G3 Fax/MMR, MR, MH, JBIG
Transmission Speed/Modem Speed: Less than 3 seconds/33.6 Kbps
Fax Memory: Standard 170 MB
Driver: Network Fax Driver
Fax Functions: Network Fax, Duplex Transmission and Reception, Encrypted Transmission and Reception, Polling Transmission and Reception, Broadcast, Fax Server Integration, Fax Dedicated Paper Feed Tray, Fax Forwarding to email or file

SOLUTIONS AND SERVICES

Remote Management
Kyocera Fleet Services ready! A highly secure cloud-based monitoring solution that offers real-time visibility into your fleet. Optimize device uptime and be notified when to replenish supplies. Streamline billing with seamless 3rd party application integration, allowing you to focus solely on your business.

Printing Software
Cost Control & Security
Cloud & Mobile
Printer Management

Content Services
Scan & Connect
Intelligent Process Automation
Enterprise Content Management

IT Solutions
Technology Solutions
Including solutions for Cloud and Data Centers
Network Infrastructure
Cybersecurity Solutions
Collaboration Solutions

Consulting Services
Including IT Health Check
CIO as a Service
Healthcare Compliance
Backup and Recovery Planning

Professional Services
Including Design and Architecture
Project Implementation
Project Management

Managed Services
Including Help Desk Services
Retainer Services and On-site Support

AI Functions
Super-Resolution, Handwriting emphasis, Confidential Document Guard, Image defect prevention

Cloud Ready Services
Kyocera Cloud Capture (KCC), Kyocera Cloud Infromation Manager (KCIM), Kyocera Cloud Print and Scan (KCPS)

Output & Finishing Options[3]

OPTIONAL 250 SHEET INNER SHIFT TRAY JS-7110
Stack Capacity: 250-sheets
Paper Size: 8.5" x 11" – 11" x 17"
Paper Weight: 14 lb. Bond – 166 lb. Index (52 – 300gsm)

OPTIONAL 500 SHEET INTERNAL FINISHER DF-7100[4]
Stack/Staple Capacity: 500-sheets/50-sheets
Paper Size: 5.5" x 8.5" – 12" x 18"
Paper Weight: 14 lb. Bond – 166 lb. Index (52 – 300gsm)
Edge Staple Position: 3 Positions: Front: 1 Staple, Edge: 1 Staple, Face: 2 Staples
Optional Punch: PH-7100 2/3 Hole Punch Unit, supports 5.5" x 8.5" – 12" x 18"; 14 lb. Bond – 166 lb. Index
Dimensions: 19.4" W x 21" D x 6.9" H

OPTIONAL 1,000 SHEET FINISHER DF-7120[4]
Stack/Staple Capacity: Main Tray: 1,000-sheets/50-sheets (up to 24 lb. Bond [90gsm])
Paper Size: 5.5" x 8.5" – 12" x 18"
Paper Weight: 14 lb. Bond – 166 lb. Index (52 – 300gsm)
Edge Staple Position: 3 Positions: Top Left, Bottom Left, Center Bind
Optional Punch: PH-7A 2/3 Hole Punch Unit, supports 5.5" x 8.5" – 12" x 18"; 14 lb. Bond – 166 lb. Index
Dimensions: 21.6" W x 24.4" D x 41.3" H

OPTIONAL 4,000 SHEET FINISHER DF-7140[4]
Stack/Staple Capacity: Main Tray (A): 4,000-sheets; Sub Tray (B): 200-sheets/65-sheets (up to 24 lb. Bond [90gsm])
Paper Size: 5.5" x 8.5" – 12" x 18"
Paper Weight: 14 lb. Bond – 166 lb. Index (52 – 300gsm)
Edge Staple Position: 3 Positions: Top Left, Bottom Left, Center Bind
Optional Punch: PH-7A 2/3 Hole Punch Unit, supports 5.5" x 8.5" – 12" x 18"; 14 lb. Bond – 166 lb. Index
Dimensions: 29" W x 26" D x 42" H

Optional Booklet Folder/Trifold Unit BF-730: (DF-7140)
Booklet Folder: supports 8.5" x 11", 8.5" x 14", 11" x 17"
Fold Booklet (staple): 16 lb. – 24 lb. Bond (60 – 90gsm) 20-sheets; 25 lb. – 28 lb. Bond (91 – 105gsm) 13-sheets; Higher than 28 lb. Bond (Higher than 105 gsm) 1-sheet
Fold Booklet (no staple): 16 lb. – 24 lb. Bond (60 – 90gsm) 5-sheets; 25 lb. Bond – 72 lb. Index (91 – 120gsm) 3-sheets; 32 lb. Bond – 110 lb. Cover (121 – 256gsm) 1-sheet
Trifold: supports 8.5" x 11" only: 16 lb. – 24 lb. Bond (60 – 90gsm) 5-sheets; 25 lb. Bond – 72 lb. Index (91 – 120gsm) 3-sheets

Optional Multi-Bin Mailbox MT-730(B): (DF-7140)
7 Trays; supports: 16 lb. Bond – 90 lb. Index (60 – 163gsm); Stack Capacity per bin: 100-sheets: 5.5" x 8.5", 8.5" x 11"; 50-sheets: 8.5" x 14", 11" x 17"

OPTIONAL 4,000 SHEET FINISHER DF-7150[4]
Stack/Staple Capacity: Main Tray (A): 4,000-sheets; Sub Tray (B): 200-sheets/100-sheets (up to 20lb. Bond [80gsm])
Paper Size: 5.5" x 8.5" – 12" x 18"
Paper Weight: 14 lb. Bond – 166 lb. Index (52 – 300gsm)
Edge Staple Position: 3 Positions: Top Left, Bottom Left, Center Bind
Optional Punch: PH-7A 2/3 Hole Punch Unit, supports 5.5" x 8.5" – 12" x 18"; 14 lb. Bond – 166 lb. Index
Dimensions: 29" W x 26" D x 42" H

Optional Booklet Folder/Trifold Unit BF-9100: (DF-7150)
Booklet Folder: supports 8.5" x 11", 8.5" x 14", 11" x 17"
Fold Booklet (staple): 14 lb. – 24 lb. Bond (52 – 90gsm) 20-sheets; 25 lb. – 28 lb. Bond (91 – 105gsm) 13-sheets; Higher than 28 lb. Bond (Higher than 105 gsm) 1-sheet
Fold Booklet (no staple): 14 lb. – 24 lb. Bond (52 – 90gsm) 5-sheets; 24 lb. Bond – 28 lb. Index (91 – 105gsm) 3-sheets; 28 lb. Bond – 140 lb. Index (106 – 256gsm) 1-sheet
Trifold: supports 8.5" x 11" only: 14 lb. – 24 lb. Bond (52 – 90gsm) 5-sheets; 25 lb. Bond – 28 lb. Index (91 – 105gsm) 3-sheets

ADDITIONAL OPTIONS
AK-7110 Bridge Unit Attachment Kit, JS-7100 Job Separator, HD-16 Large Capacity HDD (1TB), Banner Guide 10, Internet Fax Kit (A), Card Authentication Kit (B), Dual NIC (IB-50), Extended Range Wireless LAN NIC (IB-51), Thin Print option (UG-33), Printer Emulation option (UG-34), DT-730(B) Document Tray, Scan Extension Kit (A) for Text Searchable PDF; MS Office File, Keyboard Holder 10, Numeric Keypad (NK-7130), Cabinet Stand

1 Requires PF-7140
2 Only 1 Document Processor can be installed
3 Only 1 Output Option can be installed
4 Requires Bridge Unit Attachment Kit (AK-7110)

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Carrel's Office Solutions
ph. 530.241.3718
Kyocera Document Solutions Partner

AirPrint mopria Mac ENERGY STAR

KYOCERA Document Solutions America
225 Sand Road, PO Box 40008
Fairfield, New Jersey 07004-0008, USA
Tel: 973-808-8444

KYOCERA

kyoceradocumentsolutions.us

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Tehama County

Agenda Request Form

File #: 25-2123 **Agenda Date:** 12/16/2025 **Agenda #:** 4.

PROBATION

Requested Action(s)
a) TRANSFER OF FUNDS: PROBATION, B-24, From CalAIM (2036-4505724), to Contingency (2002-59000), $19,305.60; and From Contingency (2002-59000) to Professional/Special Services (2036-53230), $19,305.60 **(Requires a 4/5's vote)**

Financial Impact:
There is no financial impact on the General Fund. Probation will utilize CalAIM PATH 3 funds to issue payment to Health Management Associates, Inc. (HMA).

Background Information:
The California Advancing and Innovating Medi-Cal (CalAIM) Justice Involved Initiative (JI) supports incarcerated youth in preparing for successful reentry into their communities. To facilitate this effort, the Tehama County Probation Department has partnered with HMA, a State-approved contractor under the CalAIM initiative, to develop an implementation plan ensuring access to health care services for incarcerated youth. This plan has been submitted and approved by the State of California. HMA has provided valuable consultation on multiple aspects of the initiative, including the development of Requests for Proposals (RFP) for Pharmacy Services and an Electronic Health Records (EHR) system. Additionally, they have assisted in drafting job classifications for two new positions, essential to advancing the CalAIM initiative. Their expertise and support are helping the Juvenile Detention Facility move closer to meeting the State's CalAIM requirements. CalAIM PATH 3 funds will pay invoices issued by HMA for services rendered to the Tehama County Probation Department.

Tehama County Auditor's Office

BUDGET APPROPRIATION INCREASE REQUEST

Auditor Number B-24

DEPARTMENT NAME PROBATION

Date: November 21, 2025

I am requesting an increase or decrease to my budget appropriations as listed below:

Check one [ ] **"Previous Year Revenue"** [X] **"New Revenue"**

Funding Source Fund 581- Cal-AIM PATH 3

****Note** ***General Fund and Public Safety "MUST" use Contingency when increasing budget***

Increase Revenue Budget				Increase Expenditure Budget			
FUND DEPT NO	**ACCOUNT NUMBER**	**ACCOUNT NAME**	**AMOUNT**	**FUND DEPT NO**	**ACCOUNT NUMBER**	**ACCOUNT NAME**	**AMOUNT**
2036	4505724	Fund 581-CalAIM PATH 3	$ 19,305.60	2002	59000	Contingency	$ 19,305.60
2002	59000	Contingency	$ 19,305.60	2036	**53230**	Professional Services	$ 19,305.60
		Total Journal	**$ 38,611.20**			Total Journal	**$ 38,611.20**

INCREASE / (DECREASE) APPROVED

R. Forney 11/21/25

SIGNATURE OF REQUESTING OFFICIAL DATE

Ana Zamacona 11/21/2025

AUDITOR DATE

BOARD OF SUPERVISORS DATE

A-117

Jan-19

HEALTH MANAGEMENT ASSOCIATES, INC.

INVOICE

Tehama County Probation Department
Att. Finance
PO Box 99
omorales@tcprobation.org
Red Bluff, CA 96080

November 19, 2025
Invoice Number: 211996 - 0000019
Due Date: December 19, 2025

Current Invoice Total $19,305.60

Project: 211996 Tehama County: Medi-Cal DHCS

Professional Services from October 01, 2025 to October 31, 2025

Task: Probation

Professional and Consulting Services Rendered:

	Hours	Rate	Fees	
[redacted]	1.50	330.00	495.00	
	6.00	380.00	2,280.00	
	16.75	295.00	4,941.25	
	5.00	250.00	1,250.00	
	13.75	420.00	5,775.00	
	4.00	420.00	1,680.00	
	1.00	420.00	420.00	
	11.75	175.00	2,056.25	
Total Hours / Fees	59.75		18,897.50	
Subtotal Fees				**18,897.50**

Expenses for:

[redacted]

9/8/2025	[redacted]	[redacted] Red Bluff, CA - 2 Task	408.10	
Subtotal Expenses			**408.10**	**408.10**
		Current Invoice Total		**$19,305.60**

2501 WOODLAKE CIRCLE, SUITE 100, OKEMOS, MI 48864
TELEPHONE: (517) 482-9236 FAX: (517) 482-0920
EMAIL: ACCOUNTING@HEALTHMANAGEMENT.COM · FEDERAL ID # 38-2599727
WWW.HEALTHMANAGEMENT.COM

Tehama County

Agenda Request Form

File #: 25-2121 **Agenda Date:** 12/16/2025 **Agenda #:** 5.

ENVIRONMENTAL HEALTH

Requested Action(s)
a) TRANSFER OF FUNDS: ENVIRONMENTAL HEALTH, B-22 - Fund Balance Available (101-301900) to Professional Services (4011-53230), $22,388.08 **(Requires a 4/5's vote)**

Financial Impact:
Revenue was deposited in prior year, account number 4011-450459.

Background Information:
Not approving this request will result in the Department not being able to pay an invoice from Luhdorff & Scalmanini for services rendered through January 26, 2025 on the Drought Resiliency Project.

Tehama County Auditor's Office

BUDGET APPROPRIATION INCREASE REQUEST

Auditor Number B-22

DEPARTMENT NAME ENVIRONMENTAL HEALTH

Date: November 17, 2025

I am requesting an increase to my budget appropriates as listed below:

Check one [XX] **"Previous Year Revenue"** [ ] **"New Revenue"**

Funding Source Revenue deposited in prior year - account numbe 4011-450459

****Note** ***General Fund and Public Safety "MUST" use Contingency when increasing budget***

Increase Revenue Budget				Increase Expenditure Budget			
FUND DEPT NO	**ACCOUNT NUMBER**	**ACCOUNT NAME**	**AMOUNT**	**FUND DEPT NO**	**ACCOUNT NUMBER**	**ACCOUNT NAME**	**AMOUNT**
101	301900	Fund Balance Available	$ 22,388.08	4011	53230	Professional Services	$ 22,388.08
		Total Journal	**$ 22,388.08**			Total Journal	**$ 22,388.08**

TRANSFER APPROVED

Jie Brady 11-17-25

SIGNATURE OF REQUESTING OFFICIAL DATE

Ana Zamacona 11/18/2025

AUDITOR DATE

BOARD OF SUPERVISORS DATE

A-117
07/2018

Tehama County

Agenda Request Form

File #: 25-2124 **Agenda Date:** 12/16/2025 **Agenda #:** 6.

DISTRICT ATTORNEY

Requested Action(s)
a) TRANSFER OF FUNDS: DISTRICT ATTORNEY, B-25 - From State Asset Seizure Funds (2013-471122), $3,500, to Contingency (2002-59000), $3,500; from Contingency (2002-59000), $3,500, to Internal Assets (2013-53800), $3,500 **(Requires a 4/5's vote)**

Financial Impact:
Tehama County District Attorney - Bureau of Investigations is in need of a commercial washer and dryer and will be paid for from State Asset Seizure funds allocated to the Tehama County District Attorney's Office. The cost is estimated to be $3,500. There is no financial impact to the General Fund.

Background Information:
The Tehama County District Attorney-Bureau of Investigations is asking for funds to be transferred for the purchase of a new commercial washer and dryer. The washer and dryer will be installed and utilized at the Bureau of Investigations in support of the marijuana eradication operations.

During eradication operations, personnel frequently encounter plants, soil, and miscellaneous equipment contaminated with harsh chemicals, including fertilizers, pesticides and other substances often used in illegal marijuana cultivation. These chemicals can adhere to uniforms, protective equipment, and other washable gear. Without proper decontamination, they pose health risks to personnel and their families if washed at home. A dedicated washer and dryer will ensure that all contaminated uniforms can be washed promptly and without exposing their families to the harsh chemicals/contaminants associated with marijuana cultivation. For these reasons, the purchase of the washer and dryer is necessary to maintain a safe working environment and the support of ongoing marijuana eradication operations.

Tehama County Auditor's Office

BUDGET APPROPRIATION INCREASE REQUEST

Auditor Number B-25

DEPARTMENT NAME District Attorney (2013)

Date: 11/24/2025

We am requesting an increase or decrease to my budget appropriates as listed below:

Check one [ ] **"Previous Year Revenue"** [X] **"New Revenue"**

Funding Source State Asset Seizure Funds

****Note* ***General Fund and Public Safety "MUST" use Contingency when increasing budget***

Increase Revenue Budget				Increase Expenditure Budget			
FUND DEPT NO	**ACCOUNT NUMBER**	**ACCOUNT NAME**	**AMOUNT**	**FUND DEPT NO**	**ACCOUNT NUMBER**	**ACCOUNT NAME**	**AMOUNT**
2013	471122	State Asset Seizure Funds	$ 3,500.00	2002	59000	Contingency	$ 3,500.00
2002	59000	Contingency	$ 3,500.00	2013	53800	Internal Assets	$ 3,500.00
		Total Journal	**$ 7,000.00**			Total Journal	**$ 7,000.00**

INCREASE / (DECREASE) APPROVED

Matthew D. A
SIGNATURE OF REQUESTING OFFICIAL

11/21/2025
DATE

SANDRA PALMER 11/24/25
AUDITOR DATE

BOARD OF SUPERVISORS DATE

A-117
Jan-19

Tehama County

Agenda Request Form

File #: 25-2087 **Agenda Date:** 12/16/2025 **Agenda #:** 7.

DISTRICT ATTORNEY

Requested Action(s)
a) AGREEMENT - Request approval and authorization for the Chairperson to sign the amendment to the Interagency Memorandum of Understanding (2023-195) with the Tehama County Department of Education for the purpose of increasing the grant total from $265,500 to $295,000 and to extend the term of the agreement from 12/31/25, to 5/31/26

Financial Impact:
Tehama County Department of Education (TCDE) will reimburse the Tehama County District Attorney's Office (TCDA) for the cost of salary and benefits for an Extra Help Investigator.

Background Information:
The Tobacco Use Prevention Education (TUPE) program is a Tehama County Department of Education program geared towards educating Tehama County's youth about the harmful effects of tobacco use. The Tehama County District Attorney's Office proudly joined this program in a collaborative effort in 2023 and will continue to expand those educational programs to not only the youth of Tehama County, but to the County as a whole. With the expansion of this team, the TUPE program has also added a compliance check component for those Tehama County merchants who have a license to sell tobacco products. The TUPE program's main goal is training, education, and compliance; with enforcement action being the last resort.

The original grant amount was $265,500 but was later increased to $295,000, necessitating this action by TCDA and the Board.

AMENDMENT
TO THE INTERAGENCY MEMORANDUM OF UNDERSTANDING BETWEEN THE TEHAMA COUNTY DISTRICT ATTORNEY'S OFFICE AND TEHAMA COUNTY DEPARTMENT OF EDUCATION

This Amendment to Agreement Number 2023-195 dated 6/20/23 by and between the Tehama County District Attorney's Office (County) and Tehama County Department of Education (TCDE) for the purpose of providing an Extra Help Investigator for a three and a half year period, who shall be employed by COUNTY, and who shall serve as a District Attorney Investigator, who will be assigned to work within TCDE and serve the TUPE Program:

3. COMPENSATION

TCDE shall reimburse COUNTY for the actual cost incurred for the salary, benefits, and overhead (determined pursuant to United States Office of Management and Budget Circular A-87, Cost Principles for State, Local, and Indian Tribal Governments) of the Extra Help Investigator provide hereunder. The maximum compensation payable under this agreement shall not exceed $40,000 for the first half-year, $85,000 for the first full year, $90,000 for the second full year, and $80,000 for the third full year. A total not to exceed $295,000 (two hundred ninety-five thousand dollars) during the term of this three-and-a-half-year agreement.

5. TERM OF AGREEMENT

This agreement shall commence on the date of signing and shall terminate at midnight on May 31, 2026, unless terminated in accordance with section 6 below.

It is mutually agreed that all other terms and conditions of Agreement Number 2023-195 shall remain in full force and effect.

IN WITNESS WHEREOF, County and Contractor have executed this agreement on the day and year set forth below.

TEHAMA COUNTY BOARD OF SUPERVISORS

Executed at Red Bluff, California _____, by _____
Date Chairperson

TEHAMA COUNTY DEPARTMENT OF EDUCATION

Executed at Red Bluff, Californian 11/21/2025, by Jared Caylor
Jared Caylor (Nov 21, 2025 10:21:17 PST)

Date

Jared Caylor, Superintendent
Tehama County
Department of Education

TEHAMA COUNTY DISTRICT ATTORNEY'S OFFICE

Executed at Red Bluff, Californian 11/24/2025, by Matthew D. Rogers

Date

Matthew D. ~~Roders,~~ Rogers District Attorney
Tehama County
District Attorney's Office

E-Contract Review
Approval as to Form

Department Name: Tehama County District Attorney

Vendor Name: Tehama County Department of Education

Document Description: Amendment to MOU for extra-help investigator with TCDE

APPROVED AS TO FORM:

Office of the Tehama County Counsel
Daniel B. Klausner, Senior Deputy County Counsel

Date: 12/2/25

Tehama County

Agenda Request Form

File #: 25-2088 **Agenda Date:** 12/16/2025 **Agenda #:** 8.

SHERIFF'S OFFICE

Requested Action(s)
a) TRANSFER OF FUNDS: SHERIFF, B-26 - From CALAIM (2032-4505723), to Contingency (2002-59000), $29,512.05; and from Contingency (2002-59000) to Professional/Special Services (2032-53230), $29,512.05 **(Requires a 4/5's vote)**

Financial Impact:
There is no financial impact on the General Fund. The Sheriff's Office will utilize CALAIM AB133 funds to issue payment to Health Management Associates, Inc.

Background Information:
The California Advancing and Innovating Medi-Cal (CalAIM) Justice Involved Initiative (JI) helps incarcerated people prepare for reentry into their communities. The Tehama County Jail utilized Health Management Associates, Inc. (HMA), a State-approved contractor under the CALAIM Program, to prepare the implementation plan as mandated by the State for inmates to receive these services. The implementation plan that HMA provided has been submitted and approved by the State of California.

HMA is currently working on a new Memorandum of Understanding (MOU) between the Sheriff's Office (SO) and Tehama County Health Services Agency (TCHSA), Request for Proposals (RFP) for Pharmacy Services and Electronic Health Records (EHR), as well as writing job classifications for two new positions needed to move forward into the CALAIM JI future.

The CALAIM AB133 funds will pay the invoice issued by HMA for services listed above that were rendered at the Tehama County Jail during the month of October 2025.

Tehama County Auditor's Office

BUDGET APPROPRIATION INCREASE REQUEST

Auditor Number B-26

DEPARTMENT NAME CALAIM/Jail

Date: 12/03/2025

I am requesting an increase to my budget appropriates as listed below:

Check one [X] **"Previous Year Revenue"** [ ] **"New Revenue"**

Funding Source CALAIM AB133 funds held in fund 581 for payment to HMA for services rendered through October 2025.

****Note*** ***General Fund and Public Safety "MUST" use Contingency when increasing budget***

Increase Revenue Budget				Increase Expenditure Budget			
FUND DEPT NO	**ACCOUNT NUMBER**	**ACCOUNT NAME**	**AMOUNT**	**FUND DEPT NO**	**ACCOUNT NUMBER**	**ACCOUNT NAME**	**AMOUNT**
2032	4505723	CALAIM	$ 29,512.05	2002	59000	Contingency	$ 29,512.05
2002	59000	Contingency	$ 29,512.05	2032	53230	Professional/Special Services	$ 29,512.05
		Total Journal	**$ 59,024.10**			Total Journal	**$ 59,024.10**

TRANSFER APPROVED

12·3·2025

SIGNATURE OF REQUESTING OFFICIAL DATE

Ana Zamacona 12/03/2025

AUDITOR DATE

BOARD OF SUPERVISORS DATE

A-117
07/2018

HEALTH MANAGEMENT ASSOCIATES, INC.

INVOICE

Tehama County Sheriff's Office
Att. Finance
PO Box 729
nbrummond@tehamaso.org
Red Bluff, CA 96080

November 19, 2025
Invoice Number: 211996 - 000017R
Due Date: December 19, 2025

Current Invoice Total $29,512.05

Project: 211996 Tehama County: Medi-Cal DHCS

Professional Services from October 01, 2025 to October 31, 2025

Task: Sheriff

Professional and Consulting Services Rendered:

	Hours	Rate	Fees	
[redacted]	1.50	470.00	705.00	
[redacted]	.50	330.00	165.00	
[redacted]	10.00	380.00	3,800.00	
[redacted]	3.00	420.00	1,260.00	
[redacted]	5.25	330.00	1,732.50	
[redacted]	19.00	295.00	5,605.00	
[redacted]	6.50	250.00	1,625.00	
[redacted]	14.50	420.00	6,090.00	
[redacted]	12.00	420.00	5,040.00	
[redacted]	17.25	175.00	3,018.75	
Total Hours / Fees	89.50		29,041.25	
Subtotal Fees				**29,041.25**

Expenses for:

[redacted]

9/8/2025	[redacted]	[redacted] - Red Bluff, CA - 2 Task	470.80	
Subtotal Expenses			**470.80**	**470.80**

Current Invoice Total **$29,512.05**

2501 Woodlake Circle, Suite 100, Okemos, MI 48864
Telephone: (517) 482-9236 Fax: (517) 482-0920
Email: accounting@healthmanagement.com · Federal ID # 38-2599727
WWW.HEALTHMANAGEMENT.COM

Project	211996	Tehama County: Medi-Cal DHCS	Invoice	000017R

HMA's preferred method of payment is via ACH:

[redacted]

2501 Woodlake Circle, Suite 100, Okemos, MI 48864
Telephone: (517) 482-9236 Fax: (517) 482-0920
Email: accounting@healthmanagement.com · Federal ID # 38-2599727
WWW.HEALTHMANAGEMENT.COM

COUNTY OF TEHAMA

Office of
Sean Houghtby
County Clerk and Recorder
P.O. Box 250
Courthouse
633 Washington Street
Red Bluff, California 96080



Tehama County Courthouse

TELEPHONE (Area Code 530)

Clerk & Recorder 527-3350
Elections 527-8190
Clerk of the Board
of Supervisors 527-3287

FAX 527-1745

WEB: www.co.tehama.ca.us

Date: January 17, 2025

OFFICE OF
THE CLERK OF THE BOARD OF SUPERVISORS

FROM THE DESK OF Sean Houghtby

TO: Oscar Morales

RE: Return of Signature Page(s)

Please return **(1) fully-executed copy of the signature pages** referenced and attached to this memo.

15. SHERIFF'S OFFICE / PROBATION DEPARTMENT - Sheriff Dave Kain and Chief Probation Officer Pam Gonzalez **24-2213**

a) AGREEMENT - Approval and authorization for the Chairman to sign the agreement with Health Management Associates, Inc., to provide consulting and technical assistance related to PATH Round 3 funding and CalAIM implementation for both correctional facilities, the Jail and Juvenile Detention Facility, set forth in Exhibit "B" with maximum compensation not to exceed $975,000, effective 6/1/24 and shall terminate 9/30/26 *(Subject to receipt of insurance documentation).*

Enactment No: MISC. AGR 2024-378

If you have any questions, please contact this office at (530) 527-3287.

PLEASE RETURN TO: CLERK OF THE BOARD
P.O. BOX 250
RED BLUFF, CA 96080

OR

THROUGH INTER-OFFICE MAIL - AUDITOR'S OFFICE

AGREEMENT BETWEEN THE COUNTY OF TEHAMA AND HEALTH MANAGEMENT ASSOCIATES, INC.

On December _, 2024, this Agreement is entered into between the County of Tehama, through its Sheriff's Office and Probation Department, ("County") and Health Management Associates, Inc. ("Contractor") for the purpose of providing consulting and technical assistance to the County.

1. **RESPONSIBILITIES OF CONTRACTOR**

Contractor shall perform the following responsibilities in addition to the deliverables found in Exhibit "B":

- Consulting and technical assistance on the approach to planning and implementation of pre-release services as well as budget development
- Training regarding CalAIM, the Office of Health Care Services (DHCS) operational guidance, and the required pre-release services
- Consulting and technical assistance on 90-day pre-release eligibility and behavioral health linkage screening
- Consulting and technical assistance for completing the release readiness assessment
- Stakeholder convening, consulting, and technical assistance for reentry coordination and planning
- Consulting and stakeholder engagement for the County Behavioral Health Department, Probation and Sheriff's Office oversight, governance, and project management
- Development of the DHCS required readiness assessment template provided by DHCS, which will focus on new processes required to support the implementation of behavioral health links and includes the following components:
    1. Initial Data Sharing
    2. Data Sharing for Release
    3. Release Planning: follow-up appointments; and transportation
    4. Reentry Professional-to-Professional Clinical Handoff
    5. Follow-up Post Release: post release scheduling; and post-release follow-up
    6. Oversight and Project Management: staffing structure and plan; governance structure for partnerships; and reporting and oversight processes
- Review of medical contracts and recommendations to align with the CalAIM Justice involved Initiative.
- Develop policies and procedures, and process flows in compliance with the operational guidance minimum requirements.
- Training and technical assistance regarding billing, claiming, and pharmacy services.
- Consulting and technical assistance on the operationalization of pre-release services and continuous quality improvement
- Actuarial Analysis of projected revenue from Medi-Cal reimbursement based on 2 years of Correctional Facilities health care encounter data provided the County
- Up to two site visits to Tehama County to develop Implementation Plan and provide TA for Readiness

2. **RESPONSIBILITIES OF THE COUNTY**

County shall compensate Contractor for said services pursuant to Section 3 and 4 of this agreement.

3. **COMPENSATION**

Contractor shall be paid in accordance with the rates set forth in Exhibit "B", after satisfactorily completing the duties described in this Agreement. The Maximum Compensation payable under this Agreement shall be up to $211,000 for the reasonable value of services in making necessary site visits, analysis, and plans in preparation for this contract and up to $764,000 for other services completed before the end of the term for a total not to exceed $975,000.00. Contractor shall be compensated Contractor shall not be entitled to payment or reimbursement for any tasks or services performed except as specified herein. Contractor shall have no claim against County for payment of any compensation or reimbursement, of any kind whatsoever, for any service provided by Contractor after the expiration or other termination of this Agreement. Contractor shall not be paid any amount in excess of the Maximum Compensation amount set forth above, and Contractor agrees that County has no obligation, whatsoever, to compensate or reimburse Contractor for any expenses, direct or indirect costs, expenditures, or charges of any nature by Contractor that exceed the Maximum Compensation amount set forth above. Should Contractor receive any such payment it shall immediately notify County and shall immediately repay all such funds to County. This provision shall survive the expiration or other termination of this Agreement.

4. **BILLING AND PAYMENT**

On or before the 15th of each month, Contractor shall submit to County an itemized invoice for all services rendered during the preceding calendar month. County shall make payment of all undisputed amounts within 30 days of receipt of Contractor's invoice. County shall be obligated to pay only for services properly invoiced in accordance with this section.

5. **TERM OF AGREEMENT**

This agreement shall terminate September 30, 2026, unless terminated in accordance with section 6 below.

6. **TERMINATION OF AGREEMENT**

If Contractor fails to perform his/her duties to the satisfaction of the County, or if Contractor fails to fulfill in a timely and professional manner his/her obligations under this agreement, or if Contractor violates any of the terms or provisions of this agreement, then the County shall have the right to terminate this agreement effective immediately upon the County giving written notice thereof to the Contractor. Either party may terminate this agreement on 30 days' written notice. County shall pay contractor for all work satisfactorily completed as of the date of notice.

County may terminate this agreement immediately upon oral notice should funding cease or be materially decreased, or should the Tehama County Board of Supervisors fail to appropriate sufficient funds for this agreement in any fiscal year.

The County's right to terminate this agreement may be exercised by the Sheriff and/or Chief Probation Officer.

7. ENTIRE AGREEMENT; MODIFICATION

This agreement for the services specified herein supersedes all previous agreements for these services and constitutes the entire understanding between the parties hereto. Contractor shall be entitled to no other benefits other than those specified herein. No changes, amendments or alterations shall be effective unless in writing and signed by both parties. Contractor specifically acknowledges that in entering into and executing this agreement, Contractor relies solely upon the provisions contained in this agreement and no other oral or written representation.

8. NONASSIGNMENT OF AGREEMENT

Inasmuch as this agreement is intended to secure the specialized services of Contractor, Contractor may not assign, transfer, delegate or sublet any interest herein without the prior written consent of the County.

9. EMPLOYMENT STATUS

Contractor shall, during the entire term of this agreement, be construed to be an independent contractor and nothing in this agreement is intended nor shall be construed to create an employer-employee relationship, a joint venture relationship, or to allow County to exercise discretion or control over the professional manner in which Contractor performs the services which are the subject matter of this agreement; provided always, however, that the services to be provided by Contractor shall be provided in a manner consistent with the professional standards applicable to such services. The sole interest of the County is to insure that the services shall be rendered and performed in a competent, efficient and satisfactory manner. Contractor shall be fully responsible for payment of all taxes due to the State of California or the Federal government, which would be withheld from compensation of Contractor, if Contractor were a County employee. County shall not be liable for deductions for any amount for any purpose from Contractor's compensation. Contractor shall not be eligible for coverage under County's Workers Compensation Insurance Plan nor shall Contractor be eligible for any other County benefit.

10. **INDEMNIFICATION**

Each party shall defend, hold harmless, and indemnify the other party, its elected officials, officers, employees, agents, and volunteers against all claims, suits, actions, costs, expenses (including but not limited to reasonable attorney's fees of each party), damages, judgments, or decrees by reason of any person's or persons' injury, including death, or property (including property of each party) being damaged, arising out of contractor's performance of work hereunder or its failure to comply with any of its obligations contained in this agreement, whether by negligence or otherwise. Each party shall, at its own expense, defend any suit or action founded upon a claim of the foregoing. Each party shall also defend and indemnify the other party against any adverse determination made by the Internal Revenue Service or the State Franchise Tax Board and/or any other taxing or regulatory agency against the County with respect to Contractor's "independent contractor" status that would establish a liability for failure to make social security or income tax withholding payments, or any other legally mandated payment.

11. **INSURANCE**

Contractor shall procure and maintain insurance pursuant to Exhibit A, "Insurance Requirements For Contractor," attached hereto and incorporated by reference.

12. **PREVAILING WAGE**

Contractor certifies that it is aware of the requirements of California Labor Code Sections 1720 et seq. and 1770 et seq., as well as California Code of Regulations, Title 8, Section 16000 et seq. ("Prevailing Wage Laws"), which require the payment of prevailing wage rates and the performance of other requirements on certain "public works" and "maintenance" projects. If the Services hereunder are being performed as part of an applicable "public works" or "maintenance" project, as defined by the Prevailing Wage Laws, and if the total compensation is $1,000 or more, Contractor agrees to fully comply with and to require its subcontractors to fully comply with such Prevailing Wage Laws, to the extent that such laws apply. If applicable, County will maintain the general prevailing rate of per diem wages and other information set forth in Labor Code section 1773 at its principal office, and will make this information available to any interested party upon request. Contractor shall defend, indemnify and hold the County, its elected officials, officers, employees and agents free and harmless from any claims, liabilities, costs, penalties, or interest arising out of any failure or alleged failure of the Contractor or its subcontractors to comply with the Prevailing Wage Laws. Without limiting the generality of the foregoing, Contractor specifically acknowledges that County has not affirmatively represented to

contractor in writing, in the call for bids, or otherwise, that the work to be covered by the bid or contract was not a "public work." To the fullest extent permitted by law, Contractor hereby specifically waives and agrees not to assert, in any manner, any past, present, or future claim for indemnification under Labor Code section 1781.

Contractor acknowledges the requirements of Labor Code sections 1725.5 and 1771.1 which provide that no contractor or subcontractor may be listed on a bid proposal or be awarded a contract for a public works project unless registered with the Department of Industrial Relations pursuant to Labor Code section 1725.5, with exceptions from this requirement specified under Labor Code sections 1725.5(f), 1771.1(a) and 1771.1(n).

If the services are being performed as part of the applicable "public works" or "maintenance" project, as defined by the Prevailing Wage Laws, Contractor acknowledges that this project is subject to compliance monitoring and enforcement by the Department of Industrial Relations.

13. NON-DISCRIMINATION

Contractor shall not employ discriminatory practices in the treatment of persons in relation to the circumstances provided for herein, including assignment of accommodations, employment of personnel, or in any other respect on the basis of race, religious creed, color, national origin, ancestry, physical disability, mental disability, medical condition, marital status, sex, age, or sexual orientation.

14. GREEN PROCUREMENT POLICY

Through Tehama County Resolution No. 2021-140, the County adopted the Recovered Organic Waste Product Procurement Policy (available upon request) to (1) protect and conserve natural resources, water and energy; (2) minimize the jurisdiction's contribution to pollution and solid waste disposal; (3) comply with state requirements as contained in 14 CCR Division 7, Chapter 12, Article 12 (SB 1383); (4) support recycling and waste reduction; and (5) promote the purchase of products made with recycled materials, in compliance with the California Integrated Waste Management Act of 1989 (AB 939) and SB1382 when product fitness and quality are equal and they are available at the same or lesser cost of non-recycled products. Contractor shall adhere to this policy as required therein and is otherwise encouraged to conform to this policy.

15. COMPLIANCE WITH LAWS AND REGULATIONS

All services to be performed by Contractor under to this Agreement shall be performed in accordance with all applicable federal, state, and local laws, ordinances, rules, and regulations.

Any change in status, licensure, or ability to perform activities, as set forth herein, must be reported to the County immediately.

All information and records obtained in the course of providing services under this Contract shall be confidential and shall not be open to examination for any purpose not directly connected to the administration of this program or the services provided hereunder. Both parties shall comply with State and Federal requirements regarding confidential information.

16. **LAW AND VENUE**

This agreement shall be deemed to be made in, and shall be governed by and construed in accordance with the laws of the State of California (excepting any conflict of laws provisions which would serve to defeat application of California substantive law). Venue for any action arising from this agreement shall be in Tehama County, California.

17. **AUTHORITY**

Each party executing this Agreement and each person executing this Agreement in any representative capacity, hereby fully and completely warrants to all other parties that he or she has full and complete authority to bind the person or entity on whose behalf the signing party is purposing to act.

18. **NOTICES**

Any notice required to be given pursuant to the terms and provisions of this agreement shall be in writing and shall be sent first class mail to the following addresses:

NOTICES TO COUNTY:
Tehama County Sheriff's Office
Attn: Dave Kain, Sheriff
P.O. Box 729
Red Bluff, CA 96080
(530) 528-8979
dkain@tehamaso.org

Tehama County Probation Department
Attn: Pam Gonzalez, Chief Probation Officer
P.O. Box 99
Red Bluff, CA 96080
(530) 527-4052 ext. 3026
pgonzalez@tcprobation.org

NOTICES TO CONTRACTOR:
Jeff DeVries
Health Management Associates, Inc.
2501 Woodlake Circle, Ste. 100
Okemos, MI 48864
Fax: (517) 482-0920
contracts@healthmanagement.com

INVOICES SUBMITTED TO COUNTY:
Tehama County Sheriff's Office
Attn: Finance
P.O. Box 729
Red Bluff, CA 96080
(530) 528-8979
nbrummond@tehamaso.org

Tehama County Probation Department
Attn: Finance
P.O. Box 99
Red Bluff, CA 96080
(530) 527-4052 ext. 3028
omorales@tcprobation.org

GRANTS/CONTRACTS TO COUNTY:
Tehama County Sheriff's Office
Attn: Finance
P.O. Box 729
Red Bluff, CA 96080
(530) 528-8979
nbrummond@tehamaso.org

Tehama County Probation Department
Attn: Finance
P.O. Box 99
Red Bluff, CA 96080
(530) 527-4052 ext. 3028
omorales@tcprobation.org

Notice shall be deemed to be effective two days after mailing.

19. **NON-EXCLUSIVE AGREEMENT**:

Contractor understands that this is not an exclusive agreement, and that County shall have the right to negotiate with and enter into agreements with others providing the same or similar services to those provided by Contractor, or to perform such services with County's own forces, as County desires.

20. **RESOLUTION OF AMBIGUITIES**:

If an ambiguity exists in this Agreement, or in a specific provision hereof, neither the Agreement nor the provision shall be construed against the party who drafted the Agreement or provision.

21. **NO THIRD PARTY BENEFICIARIES**:

Neither party intends that any person shall have a cause of action against either of them as a third party beneficiary under this Agreement. The parties expressly acknowledge that is not their intent to create any rights or obligations in any third person or entity under this Agreement. The parties agree that this Agreement does not create, by implication or otherwise, any specific, direct or indirect obligation, duty, promise, benefit and/or special right to any person, other than the parties hereto, their successors and permitted assigns, and legal or equitable rights, remedy, or claim under or in respect to this Agreement or provisions herein.

22. **HAZARDOUS MATERIALS**

Contractor shall provide to County all Safety Data Sheets covering all Hazardous Materials to be furnished, used, applied, or stored by Contractor, or any of its Subcontractors, in connection with the services on County property. Contractor shall provide County with copies of any such Safety Data Sheets prior to entry to County property or with a document certifying that no Hazardous Materials will be brought onto County property by Contractor, or any of its Subcontractors, during the performance of the services. County shall provide Safety Data Sheets for any Hazardous Materials that Contractor may be exposed to while on County property.

23. **HARASSMENT**

Contractor agrees to make itself aware of and comply with the County's Harassment Policy, TCPR §8102: Harassment, which is available upon request. The County will not tolerate or condone harassment, discrimination, retaliation, or any other abusive behavior. Violations of this

Docusign Envelope ID: 13C9274E-5275-4ED5-AD87-FBC51BD9E634

policy may cause termination of this agreement.

24. **EXHIBITS**

Contractor shall comply with all provisions of Exhibits A through B, attached hereto and incorporated by reference. In the event of a conflict between the provisions of the main body of this Agreement and any attached Exhibit(s), the main body of the Agreement shall take precedence.

IN WITNESS WHEREOF, County and Contractor have executed this agreement on the day and year set forth below.

COUNTY OF TEHAMA

Date: DEC 17 2024

CHAIRMAN OF BOARD OF SUPERVISORS

Date: 12/31/2024

Dave Kain (Dec 31, 2024 10:29 PST)

DAVE KAIN, SHERIFF

Date: 12-31-24

PLG

PAM GONZALEZ, CHIEF PROBATION OFFICER

HEALTH MANAGEMENT ASSOCIATES, INC.

January 6, 2025 | 9:37 PST

Date:

Signed by:

Kelly Johnson

7533E7CBA7A5470...

KELLY JOHNSON, CHIEF ADMINISTRATIVE OFFICER

TBD
Vendor Number

2032-53230
Budget Account Number

2037-53230
Budget Account Number

Standard Form of Agreement – Services adopted 12/08/22

Exhibit A

INSURANCE REQUIREMENTS FOR CONTRACTOR

Contractor shall procure and maintain, for the duration of the contract, insurance against claims for injuries to persons or damages to property which may arise from or in connection with the performance of the work described herein and the results of that work by Contractor, his/her agents, representatives, employees or subcontractors. At a minimum, Contractor shall maintain the insurance coverage, limits of coverage and other insurance requirements as described below.

Commercial General Liability (including operations, products and completed operations) $1,000,000 per occurrence for bodily injury, personal injury and property damage. If coverage is subject to an aggregate limit, that aggregate limit will be twice the occurrence limit, or the general aggregate limit shall apply separately to this project/location.

Automobile Liability

Automobile liability insurance is required with minimum limits of $1,000,000 per accident for bodily injury and property damage, including owned and non-owned and hired automobile coverage, as applicable to the scope of services defined under this agreement.

Workers' Compensation

If Contractor has employees, he/she shall obtain and maintain continuously Workers' Compensation insurance to cover Contractor and Contractor's employees and volunteers, as required by the State of California, as well as Employer's Liability insurance in the minimum amount of $1,000,000 per accident for bodily injury or disease.

Professional Liability (Contractor/Professional services standard agreement only)

If Contractor is a state-licensed architect, engineer, contractor, counselor, attorney, accountant, medical provider, and/or other professional licensed by the State of California to practice a profession, Contractor shall provide and maintain in full force and effect while providing services pursuant to this contract a professional liability policy (also known as Errors and Omissions or Malpractice liability insurance) with single limits of liability not less than $1,000,000 per claim and $2,000,000 aggregate on a claims made basis. However, if

coverage is written on a claims made basis, the policy shall be endorsed to provide coverage for at least three years from termination of agreement.

If Contractor maintains higher limits than the minimums shown above, County shall be entitled to coverage for the higher limits maintained by Contractor.

All such insurance coverage, except professional liability insurance, shall be provided on an "occurrence" basis, rather than a "claims made" basis.

Endorsements: Additional Insureds

The Commercial General Liability and Automobile Liability policies shall include, or be endorsed to include "Tehama County, its elected officials, officers, employees and volunteers" as an additional insured.

The certificate holder shall be "County of Tehama."

Deductibles and Self-Insured Retentions

Any deductibles or self-insured retentions of $25,000 or more must be declared to, and approved by, the County. The deductible and/or self-insured retentions will not limit or apply to Contractor's liability to County and will be the sole responsibility of Contractor.

Primary Insurance Coverage

For any claims related to this project, Contractor's insurance coverage shall be primary insurance as respects the County, its officers, officials, employees and volunteers. Any insurance or self-insurance maintained by the County, its officers, officials, employees or volunteers shall be excess of Contractor's insurance and shall not contribute with it.

Coverage Cancellation

Each insurance policy required herein shall be endorsed to state that "coverage shall not be reduced or canceled without 30 days' prior written notice certain to the County."

Acceptability of Insurers

Contractor's insurance shall be placed with an insurance carrier holding a current A.M. Best & Company's rating of not less than A:VII unless otherwise acceptable to the County. The County

reserves the right to require rating verification. Contractor shall ensure that the insurance carrier shall be authorized to transact business in the State of California.

Subcontractors

Contractor shall require and verify that all subcontractors maintain insurance that meets all the requirements stated herein.

Material Breach

If for any reason, Contractor fails to maintain insurance coverage or to provide evidence of renewal, the same shall be deemed a material breach of contract. County, in its sole option, may terminate the contract and obtain damages from Contractor resulting from breach. Alternatively, County may purchase such required insurance coverage, and without further notice to Contractor, County may deduct from sums due to Contractor any premium costs advanced by County for such insurance.

Policy Obligations

Contractor's indemnity and other obligations shall not be limited by the foregoing insurance requirements.

Verification of Coverage

Contractor shall furnish County with original certificates and endorsements effecting coverage required herein. All certificates and endorsements shall be received and approved by the County prior to County signing the agreement and before work commences. However, failure to do so shall not operate as a waiver of these insurance requirements.

The County reserves the right to require complete, certified copies of all required insurance policies, including endorsements affecting the coverage required by these specifications at any time.

EXHIBIT "B"

SHERIFF'S OFFICE DELIVERABLES

Pursuant to the Scope of Services discussed above, we will provide the following deliverables for the **Tehama County Sheriff's Office:**

	Deliverable	Description	Date	Cost
1.	Project Plan	HMA will provide a detailed project plan outlining key task, deliverables, and target time frames.	8/15/2024	$334.00
2.	Gaps Analysis and Plan to Close Gaps in Report Format	HMA consultants will assess Tehama County's current readiness to ensure individuals have health coverage up to 90 days before release and upon release, the county's readiness to provide pre-release services, and billing and claiming for such services. Gaps in readiness and recommendations to close the gaps will be provided in a report. **This information will guide the development of the mandatory implementation plan and budget**. Cost includes 3-day site visit and travel.	TBD based on extension date	$115,681.00
3.	Eight Training Modules	HMA will deliver eight trainings for Sheriff's Office staff, including the Medi-Cal Transformation PATH 3 initiative, reentry services, and billing and claiming.		$10,874.00
4.	Shared, Web-Based Site for Resource Management	HMA will develop and maintain or support a web-based site to share resources with the Sheriff's Office easily.		$1,082.00
5.	Policy and Procedures Manual	HMA will develop a Medi-Cal Transformation PATH 3 policy and procedure manual		$32,420.00
6.	Process Flows	HMA will develop process flows for all reentry services, billing, and claims		$28,704.00
7.	Staffing Structure Recommendations and Job Descriptions	HMA will assess the current staffing structure, make recommendations for staffing, and help create job descriptions, as needed		Included in Gap Analysis

8.	Governance Structure Recommendations	HMA will advise on a sustainable governance structure for the county to design, implement, and ensure ongoing quality pre-release healthcare services	TBD based on extension date	$11,678.00
9.	Development and Submission of Readiness Assessment	HMA will work closely with the Sheriff's Office to develop the plan addressing the DHCS required readiness elements, draft the readiness assessment, submit the readiness assessment and make any required adjustments.		$188,455.00
10	Process and Templates	HMA will work closely with key stakeholders to establish processes and templates to collect and monitor required data, report on DHCS required measures, and implement corrective action plan processes to address operational challenges, if necessary		$26,790.00
11	Continuous Quality Improvement Training and Recommendations	HMA will train Sheriff's Office staff and contractors on continuous quality improvement techniques and provide technical assistance on implementing a comprehensive health and reentry services CQI program		$21,925.00
12	Review of Healthcare Contract and Recommendations	HMA will review the contract with your healthcare vendor and ensure it aligns with the MEDI-CAL TRANSFORMATION JI Initiative mandates. HMA will also provide actuarial services and recommended reimbursement models for your healthcare program.		$21,925.00
13	Actuarial Analysis	An actuarial memorandum including an executive summary, methodology, and discussion and summary of estimated annual Medi-Cal revenue for 90-day pre-release services, along with all corresponding assumptions used under each scenario. This also provides the Tehama County Sheriff's Office the flexibility to change assumptions and review corresponding results.		$26,210
14	Other Support as Needed	Support for additional implementation activities as requested by the Sheriff Dpt.		**$12,500**

PROBATION DELIVERABLES

Pursuant to the Scope of Services discussed above, we will provide the following deliverables for the **Tehama County Probation Department**:

	Deliverable	Description	Date	Cost
1.	Project Plan	HMA will provide a detailed project plan outlining key tasks, deliverables, and target time frames.	15 days after contract execution	$333.00
2.	Gaps Analysis and Plan to Close Gaps in Report Format	HMA consultants will assess Tehama County's current readiness to ensure individuals have health coverage up to 90 days prior to release and upon release, the county's readiness to provide pre- release services, and ensure billing and claiming for such services. Gaps in readiness and recommendations or closing the gaps will be provided in a report. **From this, HMA will lead the Probation's Department in creating the budget and implementation plan design to be submitted to DHCS.**	TBD – Based on Extension of IP Due Date	$110,681.00
3.	8 Training Modules	HMA will deliver 8 trainings for Probation's Department staff, including topics such as the Cal Aim PATH 3 initiative, reentry services, MAT in carceral settings, and billing and claiming.		$10,874.00
4.	Development of a shared, web-based site for resource management	HMA will maintain or support a web-based site to easily share resources with the Probation's Department.		$1,082.00
5.	Policy and Procedures Manual	HMA will develop a Cal AIM PATH 3 Policy and Procedure Manual		$32,420.00
6.	Process Flows	HMA will develop process flows for all reentry services, billing, and claiming.		$28,704.00
7.	Staffing Structure Recommendations and Job Descriptions	HMA will assess the current staffing structure, make recommendations for staffing, and help create job descriptions, as needed		Included in Gaps Analysis
8.	Governance Structure Recommendations	HMA will advise on a sustainable governance structure for the county to design, implement, and ensure ongoing quality pre-release healthcare services		$11,678.00
9.	Development and Submission of Readiness Assessment	HMA will work closely with the Probation Department to develop the plan addressing the DHCS required readiness elements, draft the readiness assessment, submit the readiness assessment and make any required adjustments.		$171,530.00

10.	Process and templates for the established process to collect, monitor, and report on DHCS required measures, including corrective action processes to address operational challenges.	HMA will work closely with key stakeholders to establish processes and templates to collect required data and implement corrective action plans if necessary.		$26,790.00
11.	Continuous Quality Improvement Training and Recommendations	HMA will train the Probation Department staff and contractors on continuous quality improvement (CQI) techniques and provide technical assistance on implementing a comprehensive health and reentry services CQI program.		$21,925.00
12.	Provide recommendations regarding the delivery of healthcare services and associated agreements to align with CalAIM requirements	HMA will review the contract with your healthcare vendor and ensure it aligns with the CAL AIM JI Initiative mandates. HMA will also provide actuarial services and recommended reimbursement models for your healthcare program.		$21,925.00
13.	Actuarial Analysis	An actuarial memorandum including an executive summary, methodology, and discussion and summary of estimated annual Medi-Cal revenue for 90-day pre- release services, along with all corresponding assumptions used under each scenario. This also provides the Tehama County Probation Office the flexibility to change assumptions and review corresponding results.		$26,210
14	Other Support as Needed	Support for additional implementation activities as requested by the Probation Dpt.		$12,261

STAFFING

John Volpe will serve as the project director and Tara Kelly will serve as project manager. Both will ensure timely completion of deliverables, coordinate team activities, and provide consistent communication with the Tehama County Agencies. Julie White, Daniel Dean, Rebekah Kharrazi, Christina Kadelski, and Jessica Perillo will be the primary staff on this project. Additional HMA staff will provide services for the project as appropriate. Short biographies for the individuals working on this project and an overview of HMA are provided at the end of this letter.

TERM OF AGREEMENT

This Agreement will begin on June 1, 2024, and shall continue in effect until September 30, 2026, unless terminated earlier by either party giving the other party thirty (30) days' written notice of termination. If this Agreement is terminated by a party's written notice of termination, you agree to compensate

HMA for all services rendered prior to HMA's actual knowledge of termination and for all out-of-pocket expenses incurred to date. The staffing arrangements and the scope of work stated in this letter apply to this project only.

PROJECT FEES

The services described above will be provided on a time-and-materials basis for a total of $975,000. In addition, all out-of-pocket expenses will be reimbursed. Professional hourly rates and travel time will be billed as indicated in the table below. Project fees will not be incurred beyond the ascribed amount without your prior approval and a written amendment to this agreement signed by both parties. Finally, we will submit invoices monthly for services provided in the previous month. These invoices will be payable upon receipt.

Title	HMA 2024 Professional Hourly Rates	2024 Travel Time Rates
Principal Actuarial	$495	N/A
Physician Principal	$470	$293
Managing Director	$410	$255
Managing Principal	$410	$255
Principal	$400	$250
Associate Principal	$360	$225
Senior Consultant	$315	$203
Consultant Actuary	$280	N/A
Consultant 1	$240	N/A
Consultant/ Associate	$210	$140
Research Associate	$165	$108
Project Manager	$135	$85
Clerical and Admin	$120	$60

HMA billing rates increase on January 1 of each calendar year unless agreed otherwise in writing.

CONFIDENTIALITY, NON-DISCLOSURE, CONFLICTS AND GENERAL TERMS

HMA often serves multiple clients within a certain industry or market, including those with potentially opposing interests, and HMA's relationship with you will not be an exclusive relationship. Accordingly, HMA may have served, may currently be serving, or may in the future serve, other companies whose interests may be adverse to yours. In all such situations, HMA is committed to maintaining the confidentiality of each client's information, and ensuring that your interests, proprietary and otherwise, are protected. To that end, HMA strictly adheres to our Policy and Guidelines Related to Conflicts of Interest and Proprietary Information which contain nondisclosure procedures (such as firewall protocols and other safeguards) to maintain each client's confidential information and ensure that your interests are protected.

Both parties acknowledge that, while performing work under this Agreement, a party may learn of or receive confidential, trade secret, or other proprietary information concerning the other party or third parties to whom the party is obligated to confidentiality (Confidential Information). Each party agrees to take at least such reasonable precautions to protect the other party's Confidential Information as it takes to protect its own Confidential Information and agrees to not disclose to any third party any Confidential Information belonging to the other party.

All services will be performed by HMA as an independent contractor. This Agreement does not create a relationship between the parties of employment, joint venture, or agency. You agree that, for a period of two (2) years from the date of termination of this Agreement, neither you nor any of your representatives will entice away, solicit for employment, or employ any current or former employee of HMA without the express written consent of HMA. With prior notice, HMA may change the staff assigned to provide the Consulting Services with staff of equal abilities and qualifications. HMA may enter into subcontractor agreements for the performance of the services.

Attached are our standard terms and conditions for the provision of services ("Terms and Conditions"), which are incorporated into this Letter Agreement. This Letter Agreement and the Terms and conditions will constitute the entire agreement between HMA and Tehama County related to the project described above. We are happy to discuss the proposed services and terms with you or provide any additional information you may require. The proposed services, staffing arrangements, and this Letter Agreement are valid for sixty days from the date of HMA's signature, after which the project fees and staff availability may be subject to change.

E-Contract Review
Approval as to Form

Department Name: Probation/TCSO

Vendor Name: Health Management Associates, Inc.

Document Description: Agreement for consulting for pre-release services (CalAIM)

APPROVED AS TO FORM:

Date: 12/3/24

Office of the Tehama County Counsel
Daniel B. Klausner, Senior Deputy County Counsel

Tehama County

Minutes Certification

File Number: 24-2213 **Enactment Number: MISC. AGR 2024-378**

15. SHERIFF'S OFFICE / PROBATION DEPARTMENT - Sheriff Dave Kain and Chief Probation Officer Pam Gonzalez **24-2213**

a) AGREEMENT - Approval and authorization for the Chairman to sign the agreement with Health Management Associates, Inc., to provide consulting and technical assistance related to PATH Round 3 funding and CalAIM implementation for both correctional facilities, the Jail and Juvenile Detention Facility, set forth in Exhibit "B" with maximum compensation not to exceed $975,000, effective 6/1/24 and shall terminate 9/30/26 *(Subject to receipt of insurance documentation).*

Sheriff Dave Kain and Chief Probation Officer Pam Gonzalez explained the benefits of the departments coming together regarding the CalAIM agreement and discussed the mandate and grant funding.

In response to Supervisor Moule, Mr. Kain explained the departments overlapping responsibilities and process.

In response to Supervisor Moule, Ms. Gonzalez explained the intent of CalAIM agreement regarding services for an incarcerated persons.

RESULT: APPROVED
MOVER: Pati Nolen
SECONDER: Candy Carlson
AYES: Supervisor Moule, Supervisor Carlson, Supervisor Nolen, Vice Chair Hansen, and Chairperson Leach
Enactment No: MISC. AGR 2024-378

I, SEAN HOUGHTBY, County Clerk and ex-officio Clerk of the Board of Supervisors of the County of Tehama, State of California, hereby certify the above and foregoing to be a full, true and correct copy of an order adopted by said Board of Supervisors on 12/17/2024.

Attest: Deputy

January 17, 2025
Date Certified

Tehama County

Agenda Request Form

File #: 25-2089 **Agenda Date:** 12/16/2025 **Agenda #:** 9.

SHERIFF'S OFFICE

Requested Action(s)
a) TRANSFER OF FUNDS: SHERIFF, B-27 - From Public Safety (106-301900), to Contingency (2002-59000), $19,500.00; and From Contingency (2002-59000) to Professional/Special Services (2032-53230), $19,500.00 **(Requires a 4/5's vote)**

Financial Impact:
There is no financial impact on the FY 2025/26 General Fund. The funds are being transferred from the AB443 funds.

Background Information:
The AB443 funds will be used to cover the costs of structural drawings and calculations for the new dispatch communications antenna tower at the Tehama County Jail. This work represents a key component of Phase One of the Emergency Radio Communications Infrastructure Improvements Project.

Upon completion of the structural drawings and calculations, the design of the new dispatch communications antenna tower can proceed. These repairs are a critical step to ensure continued progress on the Emergency Radio Communications Infrastructure Improvements project.

Tehama County Auditor's Office

BUDGET APPROPRIATION INCREASE REQUEST

Auditor Number B-27

DEPARTMENT NAME AB443/Sheriff

Date: 12/03/2025

I am requesting an increase to my budget appropriates as listed below:

Check one [X] **"Previous Year Revenue"** [ ] **"New Revenue"**

Funding Source AB443 funds held in account 106-301163 for PACE to provide structural drawings/calculations for the new communications tower.

****Note*** ***General Fund and Public Safety "MUST" use Contingency when increasing budget***

Increase Revenue Budget				Increase Expenditure Budget			
FUND DEPT NO	**ACCOUNT NUMBER**	**ACCOUNT NAME**	**AMOUNT**	**FUND DEPT NO**	**ACCOUNT NUMBER**	**ACCOUNT NAME**	**AMOUNT**
106	301900	Public Safety	$ 19,500.00	2002	59000	Contingency	$ 19,500.00
2002	59000	Contingency	$ 19,500.00	2032	53230	Professional/Special Services	$ 19,500.00
		Total Journal	**$ 39,000.00**			Total Journal	**$ 39,000.00**

TRANSFER APPROVED

12·3·2025

SIGNATURE OF REQUESTING OFFICIAL DATE

Ana Zamacona 12/03/2025

AUDITOR DATE

BOARD OF SUPERVISORS DATE

A-117
07/2018

Tehama County

Agenda Request Form

File #: 25-2099 **Agenda Date:** 12/16/2025 **Agenda #:** 10.

HEALTH SERVICES AGENCY / PERSONNEL

Requested Action(s)
a) OTHER THAN "A" STEP - Request approval to appoint the applicant as an Institutional Licensed Crisis Health Worker II, Range 39, Step B, effective 12/28/25, or upon successful completion of all pre-employment requirements

Financial Impact:
The funds for this position are in the FY 2025-26 Budget Unit 40131, and the salary for this position at Range 39, Step B is $35.27/hr. There is no impact to the General Fund.

Background Information:
Candidate has over 14 years of experience as a Licensed Vocational Nurse conducting assessments, administering medication, monitoring patient health status, assisting with wound care, and maintaining detailed medical records. Candidate has prior experience working in medical and mental health care in jails, and an additional 5 months of experience working in Tehama County as temporary staff. Candidate also has an additional year of experience working in a residential facility providing behavioral health services.

If the requested action is not approved, the County will lose the opportunity to hire a qualified applicant in this position.

The Personnel Office has reviewed the Other than A Step request and is in agreement with Range 39, Step B appointment effective upon completion of all pre-employment requirements.

The Board of Supervisors, on November 13, 1990, asked to receive consistent information from Department Heads who request to hire a new employee at other than "A" step of the classification range. Board policy cites that "A" step is the normal and desired starting point in a classification unless compelling reasons exist to start an individual at a higher step.*

FROM: Health Services Agency/Fiscal Data Division
TO: Board of Supervisors/Personnel
RE: Request to hire in the following classification –
INSTITUTIONAL LICENSED CRISIS HEALTH WORKER II

Please answer the following questions so that the Board may more objectively assess the request. Send the completed form to Personnel (allowing sufficient time prior to the anticipated hiring date). Requests for "C" step or above will be referred to the Board's Personnel Committee for recommendation to the full Board.

1) Range 39 **$33.59/hr** "A" Step Range 39 Request **$35.27/hr** "B" Step

2) Total applications received during the recruitment for this position? 1
Total number of "qualified" applicants? 1

3) Would this individual accept the position at A Step? No

4) Justification for requesting higher than Step A.

a. Candidate has over 14 years of experience as a Licensed Vocational Nurse conducting assessments, administering medication, monitoring patient health status, assisting with wound care, and maintaining detailed medical records.

b. Candidate has prior experience working in medical and mental health care in jails, and an additional 5 months of experience working in Tehama County as temporary staff. Candidate also has an additional year of experience working in a residential facility providing behavioral health services.

c. The Department has had multiple ongoing recruitments for multiple vacancies in this position for the last four years.

5) How has the Department budgeted for this additional cost?
Funds are budgeted in the Fiscal Year 2025-2026 proposed budget for this position, as well as salary savings.

I hereby certify that to the best of my knowledge, the information provided above is true and accurate representation of all the material facts which should be considered with this request.

Jayme S. Bottke, Executive Director

Tehama County

Agenda Request Form

File #: 25-2081 **Agenda Date:** 12/16/2025 **Agenda #:** 11.

BOARD OF SUPERVISORS

Requested Action(s)
a) Determine that there is a need to continue the emergency proclamation, proclaiming the existence of the local emergency in Tehama County that caused conditions of peril

Financial Impact:
The requested action has no financial impact. Total impacts of the flooding damage are still being quantified, and State assistance is being sought.

Background Information:
At the September 16, 2025 meeting, the Board of Supervisors approved an emergency proclamation due to the forced closure of the Newville Road Bridge and the looming threat to Woodson Bridge, both caused by Winter Storm events. The Board also declared an emergency for this situation on February 7, 2025, before the full extent of the damage was known.

Staff are working to mitigate the existing issues to restore public access and prevent further damages but has not yet been able to meet all needs.

The Board took action to extend this emergency on October 7, 2025, October 28, 2025, November 25, 2025, and action must continue every 30 days to continue.

PROCLAMATION OF A LOCAL EMERGENCY
BY THE TEHAMA COUNTY BOARD OF SUPERVISORS

WHEREAS, the Board of Supervisors of Tehama County does hereby find; that conditions of extreme peril to the safety of persons and property have arisen within said Tehama County, caused by the unanticipated closure of the Newville Road bridge at Kendrick Creek due to the scour and undermining caused by Winter Storms in a previous emergency proclaimed February 7, 2025; that catastrophic damage from this event was not apparent in the immediate aftermath of the storms; that closure of this route limits the response ability of law enforcement, medical, and fire services; that the looming threat of catastrophic erosion-caused damage to Woodson Bridge was accelerated to a critical point by the Winter Storms in the aforementioned and another previously-declared emergency and; that these conditions are or are likely to be beyond the control of the services, personnel, equipment, and facilities of Tehama County;

NOW, THEREFORE, IT IS HEREBY PROCLAIMED that a local emergency now exists throughout Tehama County due to both the existing and threatened conditions, as set forth above, and;

IT IS FURTHER PROCLAIMED AND ORDERED that during the existence of said local emergency the powers, functions, and duties of the emergency organization of Tehama County shall be those prescribed by state law, by ordinances, and resolutions of Tehama County, and approved by the Board of Supervisors and by the Tehama County Operational Area Emergency Operations Plan as approved by the Board of Supervisors; and,

IT IS FURTHER ORDERED that a copy of this proclamation be forwarded to the Secretary of the California Emergency Management Agency.

Signed: _____ Dated: 9/16/2025
Chairman, Tehama County Board of Supervisors

Print Name Matt Hansen

Address 727 Oak Street
Red Bluff, CA 96080

I, Sean Houghtby, County Clerk and ex-officio Clerk of the Board of Supervisors of the County of Tehama, State of California, hereby certify the above and foregoing to be a full, true and correct copy of a Proclamation adopted by the Board of Supervisors on the 16th, day of September, 2025.

Dated this 16 day of September, 2025.

Sean Houghtby, County Clerk and ex-officio
Clerk of the Board of Supervisors,
County of Tehama, State of California

By _____
Deputy

Tehama County

Agenda Request Form

File #: 25-2054 **Agenda Date:** 12/16/2025 **Agenda #:** 12.

GREEN WASTE OF TEHAMA - District Manager Amanda Garrett and Sustainability Coordinator Max Bartlett

Requested Action(s)
a) INFORMATIONAL PRESENTATION - Regarding Green Waste's proposed Education Plan for 2026 and overall program management goals related to residential and commercial solid waste management services in the unincorporated areas of Tehama County

b) Board discussion and possible approval of the Green Waste Customer Education Program for 2026

Financial Impact:
Green Waste will develop and implement the Customer Education Program at no additional cost to the County or service recipients, up to $28,714 annually.

Background Information:
On August 28, 2018, the Board approved the agreement between the County of Tehama and Waste Connections of California, Inc. dba Green Waste of Tehama for residential and commercial solid waste management services in the unincorporated areas of Tehama County. As a deliverable of this agreement, Green Waste is to develop and implement a Customer Education Program for the Solid Waste program which shall be submitted annually to the County for the following calendar year for review, comment and approval. The plan is to include, but not be limited to, information with respect to AB 939 diversion goals, AB 341 covered generator compliance, bulky goods pick-ups, backyard composting, yard waste programs, and the importance of the safe disposal of household hazardous waste. The outreach program shall also include notifying all covered AB 341, AB 1826 and SB 1383 generators as required by regulation. A bulk mail newsletter to all service recipients is to be developed and mailed no less than two (2) times per year.

In addition to the above outreach, Green Waste will continue their "Technical Assistance" and "In-Truck" waste audits partnering with the Tehama County Solid Waste Management Agency. They will also be redesigning their website to be more reflective of the area and conduct hands-on waste characterizations at the Materials Recovery Facility.

Green Waste submitted its proposed Customer Education Program for 2026 on September 25, 2025 to Tehama County Administration for review and comments, and submitted its final proposed plan on October 15, 2025. This presentation will include the Customer Education Program for the period of January through December 2026 and overall program management goals.

October 15, 2025

Mr. Matt Hansen, Chair
Tehama County Board of Supervisors
727 Oak Street
Red Bluff, CA 96080

Dear Mr. Hansen:

According to the contract between the County of Tehama and Green Waste of Tehama for Residential and Commercial Waste Management services, Section 5.F states Green Waste will develop and implement an Education Program to be submitted by October 15th for the following calendar year. This year, the annual expectation of outreach education expense for 2026 = $28,714 ($27,347 x 5% CPI).

Some highlights regarding the Education Program for 2026 include:

- "Technical Assistance" partnerships with Landfill Agency
- Website redesign
- "In-truck" waste audits partnering with the Landfill Agency
- Hands-on waste characterization studies

Please see the attached proposed Education Program for the calendar year 2026 for your review and comments.

Thank you,

Max Bartlett
Recycling Coordinator
Green Waste of Tehama, A
Waste Connections Company

CC Amanda Garrett

Tehama County Education Plan 2026



Green Waste of Tehama

Tehama County Education Program

2026

This Education Program is intended to be the roadmap we follow to increase diversion each year. This program will be adjusted each year based on the needs the current year presents.

Our past recycling rate percentages are as follows:

Year	Residential	Commercial
2022	26.39%	10.68%
2023	27.58%	9.32%
2024	28.01%	11.20%
2025 (Estimated)	28.44%	10.80%

Annual expectation of outreach education expense for 2026 = $28,714 ($27,347 x 5% CPI)

Introduction

Building on the momentum of our digital outreach efforts in 2025, we've turned our attention to strengthening the systems that support meaningful, measurable change. This year, our goal was to deepen our impact through targeted support and data-driven strategies, specifically through the development of our Technical Assistance program and the expansion of residential route audits.

Thanks to strong collaborative support from the Tehama County Solid Waste Management Agency, our Technical Assistance efforts have grown into a promising framework for engaging commercial customers, especially large generators, in more sustainable practices. The process we're refining together is proving to be a key tool in making recycling not just accessible, but effective.

On the residential side, we are investing in waste characterization audits and in-cab route audits to better understand how our community is actually disposing of waste. This data will guide our outreach, ensuring it is specific, topical, and relevant—rather than general and easily ignored. We want to embrace 2026 with the idea that "audit informs action." By grounding our messaging in real behavior, we can better support residents in making informed, sustainable choices.

2026 County Education Plan

Commercial Outreach

"Technical Assistance"

1. Commercial Diversion

- **Direct Business Diversions**
    - This is our established standard. For this purpose, "diversions" are defined as direct contact with a business that leads to an alteration of its recycling services. An ideal diversion results in a customer permanently decreasing their trash volume in favor of recycling.
    - **Metric:** Engage 20 businesses

- **Technical Assistance (TA)**
    - Building on the successful pilot in 2025, we will apply the TA model locally. A complete engagement includes a waste audit, site visit, staff education/presentation, signage, right-sizing service, and provision of interior recycling containers. This project is a collaborative effort between Green Waste and the Tehama County Solid Waste Management Agency (TCSWMA). TCSWMA provides all bins and signage for this project.
    - **Metric:** Engage 4 businesses in on-site TA projects.

2. Big Generators

- **Large Scale TA**
    - Big generators are challenging to work with. We have never approached them with the structure that the hands-on TA model provides. As a collaborative effort with the TCSWMA, it allows us to approach large businesses from two perspectives. A united front has more impact, and the hope is that we will be able to generate more diversion success.
    - **Metric:** Apply TA to 1 of the 5 top generators identified in 2025.
- **Load-Check Refocus for Roll-Off Drivers**
    - 2025 load checks revealed reusable materials, though not in consistent volumes. We feel that training drivers to assist in diversion will provide us

with another level of scrutiny and, therefore, diversion opportunity. The training will be developed by a team that represents all levels of the collection process (hauling, landfill, and sustainability), so all parties agree before the change is made. This procedure shift may also enhance efficiency between the hauling and landfill operations, ultimately improving material recovery.

- **Metric:** Train and empower drivers to identify reusable materials (especially from C&D projects) and divert them to the self-haul pad.

3. Customer Communication

- **Digital Flyers**
  - Emailed outreach in 2025 led to successful diversions with quick turnaround. This channel bridges the gap between mailed content and the immediacy of text messaging.
  - **Metric:** Send 4 topical flyers to commercial customers

- **Informational Mailers**
  - Required by the hauling agreement, we mail out informational flyers to all residential and commercial customers in the spring and fall. In 2025, these documents also included detailed recycling guides.
  - **Metric:** Mail biannual flyers to all commercial and residential customers.

Residential Outreach

"Audit Informs Action"

1. Audits

- **Waste Characterization**
  - We began performing waste characterizations on recycling loads in 2025. We found it to be a good snapshot of the overall contamination concerns in a given area. It also gave us specific items to address in social media outreach. The characterizations were specific to one area at a time, which allowed us

to collect specific data. We would like to apply this to areas in the county in 2026.

- **Metric:** Perform recycling characterizations in a targeted section of the county. (ex: North vs. South). Use this data to send specific, data-driven e-mails directly to the customers audited.

- **In-Cab Audits**
  - This project continues a collaborative effort initiated in 2024 between GWT and the TCSWMA. The recycling audit is conducted by recycling personnel from both agencies using a side-load truck. During the audit, carts containing inappropriate materials are tagged with a notice explaining the issue. After approximately one month, the same route is audited again to assess the effectiveness of the outreach and communication efforts.
  - **Metric:** Conduct 2 audits in 2026
    - Audit definition: “A & B” audits, with subsequent team review sessions. This allocates two days in a truck, and 2 in office meetings, per audit.

3. Customer Communication

- **Digital Flyers**
  - Emailed outreach in 2025 led to successful diversions with quick turnaround. This channel bridges the gap between mailed content and the immediacy of text messaging.
  - **Metric:** Send 4 topical flyers to residential customers
- **Contamination Reporting Overhaul**
  - In-cab audits highlight recycling contamination issues. A collaborative approach between hauler and landfill teams will improve internal efficiency and external impact, especially in yard waste management. We feel that we can improve our current system by integrating our contamination recording directly into our software.
  - **Metric:** Explore integration of contamination recording with route management software.

4. Digital Campaign

- **Social Media Posts**
    - The 2025 campaign showed reasonable engagement with the use of topical content. We feel that continued activity will sustain momentum. Social media has the benefit of bringing information directly to where customers are viewing it. It has the added benefit of raising awareness about local outreach events.
    - **Metric:** Publish 24 posts throughout the year
- **Website Refinement**
    - We feel that our website has a generic feel to it and would like to personalize it to be more relatable to our county. In doing so, we would also like to check for accuracy and potential for improvements to the user experience.
    - **Metric:** Audit website for accuracy, completeness, and improved imagery.

5. School Presentations

- In 2025, GWT and TCSWMA worked together to refine the school presentation offering, specifically the presentations and the educators' user experience. The agency has worked diligently to transition from the educational bus to the trailer for the 4R Kids exhibit. This is the cornerstone of the educational presentations and is the foundation that sustainability outreach in the county is built on.
- **Metric:** GWT will continue collaboration and support for agency-led educational presentations, as requested by the agency.

Tehama County

Agenda Request Form

File #: 25-2092 **Agenda Date:** 12/16/2025 **Agenda #:** 13.

3RD ANNUAL HOLIDAY LIGHTS CONTEST - BOARD OF SUPERVISORS

Requested Action(s)

a) Discussion and announcement by the Board of selected winner of the 3rd Annual Holiday Lights Contest

Financial Impact:

None.

Background Information:

In December 2023 the Board of Supervisors took action to begin an annual contest of holiday light displays in Tehama County. Each District Supervisor nominates a resident of their district for this contest. Citizens can call or email their District Supervisor for consideration.

The homes selected by the Supervisors this year will be announced at the meeting.

Tehama County

Agenda Request Form

File #: 25-2001 **Agenda Date:** 12/16/2025 **Agenda #:** 14.

FIRE - Fire Chief Monty Smith

Requested Action(s)
a) BID AWARD - Request to award the bid for a Type 1 Fire Engine to Fire Apparatus Solutions in the amount of $1,233,019.63 and further authorize the Purchasing Agent to sign the purchase order for the acquisition

Financial Impact:
This vehicle will be purchased with funds budgeted in current fiscal year account 2042-57605.

Background Information:
On 9/15/2025, the Purchasing Department advertised for bid one (1) new Type 1 Fire Engine. At bid opening, the Purchasing Department received one bid. The Fire Apparatus Solutions' bid, including exceptions, meets or exceeds the specifications.

The new fire engine will replace the 2001 Frontline Engine at Tehama County Fire Station 12, located in Corning.

COUNTY OF TEHAMA

PURCHASE ORDER
RED BLUFF, CA 96080
(530) 527-3365 fax (530) 529-0980

Purchase Order No. 21934

PURCHASE ORDER

Vendor Information

Name Fire Apparatus Solutions
Address 1762 South Sycamore Avenue
City Rialto St CA Zip 92376
Phone (916) 677-9837

Ship To & Bill To:

Name Tehama County Fire Department
Address 727 Oak Street
City Red Bluff Zip 96080
Phone (530) 528-5118 Laurianne Griffin

Qty	Units	Product Description	Unit Price	TOTAL
1	EA	New Spartan Metro Star Fire Engine As Per Bid Specification	$1,138,518.26	$1,138,518.26

		Service Description	Hourly Rate	TOTAL
1	EA	Tire Disposal and Delivery Fee	$12.50	$12.50
1	EA	Delivery Charge	$4,500.00	$4,500.00
1	EA	Mid-Construction Visit by TCFD	$4,600.00	$4,600.00

DEPARTMENT COMMENTS: Insert comments in Box Below

Please Note- Register the Vehicle to: County of Tehama, 727 Oak Street, Red Bluff, CA 96080. 530-527-4655. Please contact: Laurianne Griffin at 530-528-5118 to arrange for delivery of vehicle.

Product SubTotal	$1,138,518.26
Shipping & Handling	
Service SubTotal	$9,112.50
Taxes :7.5% CA	$85,388.87
P.O. TOTAL	**$1,233,019.63**
P.O. NOT TO EXCEED	$1,233,019.63

Vendor Number **V000021**

	INSURANCE ON FILE		PDR ON FILE
	INSURANCE ATTACHED		PDR ATTACHED

Approved By:

Purchasing Agent

Purchase Order Date: 12/16/2025
Department Account Number: 2042
Fixed Asset Account Number: 57605
Ordered By:

Purchasing-Blue Auditor-Yellow Dept.-Pink Vendor-White

BIDS MUST BE SUMITTED ON THIS FORM

TEHAMA COUNTY FIRE DEPARTMENT

Bids to be received on or before 3:00 p.m. on October 24, 2025

One New Fire Engine Bid Form

Price for One New Fire Engine per Bid Specifications:	$ 1,138,518.26
Documentation Fee:	$ Included
7.50% CA Sales Tax:	$ 85,388.87
Tire Disposal Fee:	$12.50
Delivery/Shipping Charge:	$ 4500
604 Antelope Blvd. Red Bluff, California 96080	
Mid-Construction Visit by TCFD Staff:	$ 4600
Total Bid for One New Fire Engine:	$1,233,019.63

FIRE ENGINE TO BE QUOTED AS PER SPECIFICATIONS

BID SHALL INCLUDE THE COST OF ALL EQUIPMENT MEETING OR EXCEEDING THE REQUIRED SPECIFICATIONS. **Bid submittal must be completed on these forms.**

Any additional fees associated with this bid submittal, including State Department of General Services and or CMAS Contract Fees assessed for contract usage, must be clearly stated, and included in the total bid price. Unstated fees will become the responsibility of the bidder. No additional fees will be paid by the County.

The bid, if awarded, will be awarded on the basis of the combined total cost for all items, including options and accessories. The Tehama County Board of Supervisors reserves the right to reject any or all bids and the County assumes no obligation to purchase until awarded and execution of a Purchase Order has been made. Any changes, omissions or variations in the specifications or conditions will be considered sufficient cause for rejection.

It shall be mandatory to attach **comprehensive specification** sheets outlining all apparatus information to this form. Any specifications exceptions must be explained in detail and attached to this sheet. Printed literature and complete specification information must be submitted with the bid. Failure to include complete information will exclude your bid from an award.

*Each submittal must be completed on this form.

*Bids can be returned using any of the following:

Email to: dschmidt@tehama.gov

Mail to: Attn: Fire Department Fire Engine Bid
Tehama County Purchasing
727 Oak Street
Red Bluff, CA 96080

SPECIFICATION SHEETS MUST BE INCLUDED WITH THIS SUBMITTAL

*Prices are good for 45 days. Delivery can be expected in 850 days following receipt of Purchase Order.

Vendor Fire Apparatus Solutions

Address 1762 S. Sycamore Avenue, Rialto, CA 92376

Submitted by: Roy Cobb Title Sales Representative

Signature: Roy Cobb

Taxpayer ID # 26-4574609

Phone No 916.677.9837 FAX None

E-Mail royfasfire@gmail.com

Additional Bid Requirements:

The completed apparatus shall be delivered by the vendor within 275 calendar days from the date of notice of award, with all equipment specified to:

Tehama County Fire Department
604 Antelope Boulevard
Red Bluff, CA 96080

Contact: Please contact Battalion Chief Brian Wright, Tehama County Fire Department with any questions regarding these specifications or bid forms.

Office: 530-527-7986

Email: Brian.Wright@fire.ca.gov

Yes X or No☐

IMPORTANT:
ANY EXCEPTIONS TO THE SPECIFICATION MUST BE EXPLAINED IN WRITTEN DETAIL AND INCLUDED WITH BID PROPOSAL

TEHAMA COUNTY FIRE DEPARTMENT

2027 SMEAL WILDLAND URBAN INTERFACE PUMPER BID SPECIFICATIONS

DRAWINGS

Drawing of proposed apparatus shall be provided..

- 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

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, current edition.

WARRANTY

A copy of the warranties for the chassis, pump, body, paint, and water tank shall be furnished.

TEHAMA COUNTY FIRE DEPARTMENT

2027 SMEAL WILDLAND URBAN INTERFACE PUMPER BID SPECIFICATIONS

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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.

2027 ENGINE EMISSION REQUIREMENTS

Until the 2027 EPA engine integration is finalized, available options and body design specifications related to the engine and aftertreatment system are subject to change. This may include, but is not limited to, wheelbase dimensions, centerline of suction for pumps, and pump configurations. Any additional costs resulting from the 2027 EPA engine requirements will be passed on to the end user.

POTENTIAL TARIFF PRICE INCREASES

The Federal Government has imposed or will be imposing tariffs on a variety of raw materials of which apparatus manufacturers frequently use. As of today, Smeal/Spartan has not increased prices in response to tariffs, but reserves the right to do so if such tariffs become burdensome. If these apparatus become directly

impacted by increased costs of material as a result of future tariffs, Smeal/Spartan will notify the dealer with documentation outlining the specific material(s) being affected along with each respective increase.

NFPA

The National Fire Protection Association "Standard for Automotive Fire Apparatus", 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 latest edition. There are to be no exceptions to this requirement.

INSPECTION CERTIFICATE - NFPA COMPLIANCE

An OEM inspection certificate for the apparatus shall be furnished upon delivery. The purpose of this NFPA 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 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, and those codes, standards, and specifications referenced by said parties are met, exceeded, and/or addressed.

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 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.

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 and Hose Bed Doors

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.

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 2,000 pounds.

TILT TABLE TESTING NOT REQUIRED

A similar apparatus has previously passed the NFPA requirement of maintaining a stability of 26.5 degrees in both directions.

VEHICLE STABILITY

The apparatus shall comply in accordance with NFPA, current edition. requirements 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, current edition.
- The apparatus shall be deemed a similar apparatus and meeting the intent of section 4.13.1.1.2 of NFPA, current edition.

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, current edition. The pump shall be free from objectionable pulsation and vibration.

PUMP CERTIFICATION

The pump shall be certified in U.S. gallons per minute (GPM).

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.

PRE-CONSTRUCTION MEETING

A pre-construction meeting shall be required and shall be held at the OEM factory. 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 purchaser and dealer representatives to discuss and clarify all aspects of the proposed apparatus and to provide all necessary information to the apparatus manufacturer that shall 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.

Air fare from Sacramento to Smeal in Snyder Nebraska along with local transportation, lodging, and meals shall be provided by Fire Apparatus Solutions for two (2) Tehama County FD personnel.

FINAL INSPECTION

The department/dealer representatives 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.

Air fare from Sacramento to Smeal in Snyder Nebraska along with local transportation, lodging, and meals shall be provided by Fire Apparatus Solutions for two (2) Tehama County FD personnel.

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.

MAXIMUM OVERALL LENGTH

The overall length of the apparatus shall not exceed 346" (28'-10").

WHEELBASE

The wheelbase of the apparatus shall not exceed 169".

ANGLE OF APPROACH

The angle of approach of the apparatus shall be a minimum of 18 degrees.

ANGLE OF DEPARTURE

The angle of departure of the apparatus shall be a minimum of 18 degrees.

TEHAMA COUNTY FIRE DEPARTMENT

2027 SMEAL WILDLAND URBAN INTERFACE PUMPER BID SPECIFICATIONS

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.

MODEL YEAR

The chassis shall have a vehicle identification number that reflects a 2027 model year.

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.

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.

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.

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.

VEHICLE ANGLE OF APPROACH PACKAGE

The angle of approach of the apparatus shall be a minimum of 18.00 degrees. Provisions shall be made within the design and specification of the vehicle's bumper, frame front section, and engine cooling package and under chassis protective skid plate. Provisions to make the entire front section angle 20.00 degrees forward of the cab to make the vehicle's ride height the limiting factor in the overall approach angle. The vehicle's frame height shall be adjusted a minimum of 2.75 inches within the axle and suspension for the minimum overall 17.00 degrees vehicle approach angle.

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.”

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.

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.

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.

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.

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.

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.

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.

OCCUPANT PROTECTION

An IMMI 4Front® occupant protection system shall be installed in the vehicle's cab. The system shall inflate three (3) air bags in the following locations:

- Steering wheel air bag to protect the head and neck of the driver
- Knee bolster air bag to protect the driver's legs
- Knee bolster air bag to protect the officer's legs

The air bags shall use a combination of high-pressure stored argon and oxygen with a pyrotechnic charge for initiation to inflate the bags remain inflated for several seconds.

The system shall be connected to the crash detection sensor that will also activate the driver and first officer integrated belt pretensioners if it detects a frontal crash.

A RollTek™ rollover occupant protection system shall be installed in the apparatus cab. The system shall include an integrated roll sensor (IRS) master module and a slave sensor in applicable configurations.

The IRS shall be a microprocessor-controlled solid-state sensing device that utilizes vehicle-specific calibrations to detect rollovers. The IRS shall be equipped with pyrotechnic loops for connection to the protective countermeasures which shall include seat integrated side roll airbags (SRA), integrated seat belt pretensioners, and air seat pull-downs (S4S), in applicable occupant seat positions.

The IRS shall continuously monitor the truck`s acceleration and angle, and upon detection of an imminent roll-over, shall activate protective countermeasures in a pre-programmed sequence. In addition, the IRS shall also act as a data recorder to record crash events for post-crash evaluation.

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.

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.

CAB UNDERCOAT

There shall be undercoating applied to the underside of the cab which provides an abrasion resistant coating for protection against corrosion caused by moisture, salt, alkalis and galvanic reaction.

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.

CAB PAINT EXTERIOR

The cab exterior shall be painted two tone per customers specified paint colors following the RFG-SR-001 paint standards.

CAB PAINT PROCESS/MANUFACTURER

The cab shall be painted with PPG Industries paint 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 cab shall be mechanically etched by sanding disc to remove any surface oxidation or surface debris which may hinder the paint adhesion. Once all imperfections on the exterior surfaces are removed and sanded smooth, body fillers shall be applied to the cab on all surfaces that require a critically aesthetic finish and sanded smooth.

The entire cab shall then be coated with a high quality base primer 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 sanding the cab to a smooth finish followed by sealing the seams with an automotive seam sealer. The minimum thickness of the primer coat after sanding shall be 2.50 mils with a maximum thickness of 5.00 mils.

The cab shall then be painted the specific color(s) designated by the customer with an acrylic urethane type system designed to retain color and resist acid rain and most atmospheric chemicals found on an emergency scene. The paint shall have a minimum thickness of 1.00 mils with a maximum of 4 mills, followed by a clear top coat with a minimum of 2.5 mils and a maximum of 3.5 mils. The entire cab shall then be baked to speed the curing process of the coatings.

CAB PAINT PRIMARY/LOWER COLOR

The primary/lower paint color shall be: Red color to be determined at the Pre-Construction Conference.

CAB PAINT SECONDARY/UPPER COLOR

The secondary/upper paint color shall be: Black color to be determined at the Pre-Construction Conference.

CAB PAINT EXTERIOR BREAKLINE

The upper and lower paint shall meet at a breakline on the cab which shall be located approximately 1.00 inch below the door windows on each side of the cab. The breakline shall curve down at the front cab corners to approximately 5.00 inches below the windshields on the front of the cab.

CAB PAINT PINSTRIPE

Where the upper and lower paint colors meet a temporary 0.50 inch wide black pinstripe shall be applied over this break line to offer a more finished look prior to the final pinstripe being installed by the OEM.

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.

CAB PAINT INTERIOR

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

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.

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.

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.

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.

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 DA sanded aluminum 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.

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.

LH MID EMS COMPARTMENT DOOR HARDWARE

The left side EMS compartment door shall include a 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.

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.

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 DA sanded aluminum 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.

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.

RH MID EMS COMPARTMENT DOOR HARDWARE

The right side EMS compartment door shall include a 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.

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.

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 onyx black texture finish.

MID EMS COMPARTMENT INTERIOR FINISH

The EMS compartment interior shall feature a medium gray spray on bedliner coating.

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.

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.

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.

MULTIPLEX DISPLAY

The multiplex electrical system shall include an UltraView 780 display with an interactive touchscreen display and fourteen (14) tactile push buttons. The display shall be located on the left side of the dash in the switch panel. The display shall feature a full color 7.00 inch LCD display screen which shall include a message bar displaying the time of day and important messages requiring acknowledgement by the user. The display screen shall be video ready for back-up cameras, thermal cameras, and 360 camera systems.

The 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.

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.

DATA RECORDING SYSTEM

The chassis shall have a Weldon Vehicle Data Recorder (VDR) system installed. The system shall be designed to meet NFPA 1900 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 1900 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.

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.

The Master power distribution box (MPD) shall include four (4) fuses. The battery direct bus bar shall include one (1) 300-amp fuse labeled E-PUMP and one (1) 300-amp fuse labeled PUMP PRIMER. The master power bus bar shall include one (1) 200-amp fuse labeled PUMP MASTER and one (1) 300-amp fuse labeled BODY MASTER. Each bus bar stud is size 5/16".

AUXILIARY ACCESSORY POWER

An auxiliary set of power and ground studs shall be provided and installed behind the electrical center cover with a 40 amp breaker. The studs shall be 0.38 inch diameter and capable of carrying up to a 40 amp load switched with the master power switch.

EXTERIOR ELECTRICAL TERMINAL COATING

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

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.

ENGINE

The chassis engine shall be a Cummins medium heavy duty (MHD) certified X10 engine. The X10 engine shall be an in-line six (6) cylinder, four-cycle diesel-powered engine. The engine shall offer a rating of 400 horsepower at 2100 RPM and shall be governed at 2200 RPM. The torque rating shall feature 1250-foot pounds of torque at 1200 RPM.

The 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 2027 emissions standards.

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.

Until the 2027 EPA engine integration is finalized, option availability and body design relative to engine and aftertreatment are subject to change. Additional costs associated with the 2027 EPA engine will be passed on to the end user. No exceptions.

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.

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. The controls shall be located on the digital dash display.

ENGINE PROGRAMMING HIGH IDLE SPEED

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

ENGINE HIGH IDLE CONTROL

The vehicle shall be equipped with an automatic high-idle speed control which shall be pre-set to operate the engine at a specified RPM to increase alternator output if the system voltage drops to 12.5 volts. This device shall automatically operate only when the engine is running, the transmission is in neutral, and with the parking brake set. The automatic high idle will stay engaged for a minimum of ten (10) minutes and until the system, voltage has reached 13.0 volts. Application of the service brake will override the automatic high idle and reset timer. The vehicle shall be equipped with a high-idle speed virtual button on the vehicle display and control screen to activate/deactivate manual control only. It shall be pre-set so when activated, it will operate the engine at the specified RPM to increase alternator output. This device shall operate only when the engine is running, the transmission is in neutral, and with the parking brake set. When automatically engaged the high idle 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 pedal is released, or when the transmission is placed in neutral. Virtual control screen shall not override automatic high idle between voltage parameters during timed cycle. Display shall indicate when high idle is disabled, enabled, or active.

ENGINE PROGRAMMING ROAD SPEED GOVERNOR

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

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.

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

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.

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.

ENGINE DRAIN PLUG

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

ENGINE WARRANTY

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

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.

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.

ENGINE PROGRAMMING IDLE SPEED

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

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.

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 clutch fan shall override the thermostatic variable speed and function as full on automatically in pump mode.

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.

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.

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.

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.

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.

COOLANT HOSES

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

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.

ENGINE EXHAUST SYSTEM

The exhaust system shall include dual module after treatment device, and downpipe from the charge air cooled turbo. The dual module shall include a diesel particulate filter (DPF), urea dosing module (UL2), and a selective catalytic reduction (SCR) catalyst to meet current EPA standards.

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 DPF, the decomposition tube, and the SCR canister 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 shall be mounted under the frame with the DPF and the SCR canisters mounted horizontally and stacked with the SCR below the DPF in a switchback configuration.

Disclaimer - Until the 2027 EPA engine integration is finalized, available options and body design specifications related to the engine and aftertreatment system are subject to change. This may include, but is not limited to, wheelbase dimensions, centerline of suction for pumps, and pump configurations. Any additional costs resulting from the 2027 EPA engine requirements will be passed on to the end user - No exceptions.

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 five (5) usable gallons and shall be mounted on the left-hand side of the chassis frame behind the rear crew door entry steps.

The DEF tank shall be designed with capacity for expansion in case of fluid freezing. Engine coolant, which shall be thermostatically controlled, shall 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.

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.

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.

EMISSIONS SYSTEMS WARRANTY

Purchaser shall receive a Regulated Emissions Systems ten (10) years, or 280,000 miles, or 14,000 engine hours limited warranty for medium heavy-duty engines in accordance with, and subject to, warranty certificate RFW0143. The warranty certificate is incorporated by reference into this proposal and included with this proposal or available upon request.

REGULATED EMISSIONS WARRANTY TIRES

Purchaser shall receive a regulated emissions tires two (2) years or 24,000 miles limited warranty in accordance with, and subject to, warranty certificate RFW0145. The warranty certificate is incorporated by reference into this proposal and included with this proposal or available upon request.

REGULATED EMISSIONS WARRANTY AIR CONDITIONING

Purchaser shall receive a regulated emissions air conditioning five (5) years or 100,000 miles limited warranty in accordance with, and subject to, warranty certificate RFW0146. The warranty certificate is incorporated by reference into this proposal and included with this proposal or available upon request.

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 which shall offer Allison formulated Castrol TranSynd™ synthetic 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

TRANSMISSION MODE PROGRAMMING

The transmission, upon start-up, will select the fifth speed operation without the need to press the mode button. The transmission programming shall only include S1 performance shift schedules. The mode button shall not include a secondary economy shift schedule.

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.

Function ID	Description	Wire assignment
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

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.

ELECTRONIC TRANSMISSION OIL LEVEL INDICATOR

The transmission fluid shall be monitored electronically.

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.

TRANSMISSION COOLING SYSTEM

The transmission shall include a water to oil cooler system located in the cooling loop between the radiator and the engine. The transmission cooling system shall meet all transmission manufacturer requirements. The transmission cooling system shall feature continuous flow of engine bypass water to maintain uninterrupted transmission cooling.

TRANSMISSION DRAIN PLUG

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

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.

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.

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. The driveline shall include a half round yoke.

MIDSHIP PUMP / GEARBOX

A temporary jackshaft driveline shall be installed by the chassis manufacturer to accommodate the mid-ship 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.

MIDSHIP PUMP / GEARBOX MODEL

The midship pump/gearbox provisions shall be for a Waterous CSUC20 or C22 pump.

MIDSHIP PUMP GEARBOX DROP

The Waterous pump gearbox shall have an "E" (extra long) drop length.

MIDSHIP PUMP RATIO

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

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 84.00 inches.

PUMP SHIFT CONTROLS

One (1) pump shift control panel shall be mounted on the driver's dash panel. 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. One (1) label indicating pump instructions and 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 road mode shall be selected when the switch is in the up position and pump 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.

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.

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.

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.

ELECTRIC FUEL PRIMER

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

FUEL COOLER

A fuel cooler shall be provided to lower fuel temperature allowing the vehicle to operate at higher ambient temperatures. The fuel cooler shall include an electrical fan and temperature-controlled relay switch.

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.

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-curved 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.

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.

FUEL TANK FILL PORT

The fuel tank fill ports shall be in-line with the left and right side fill ports located in the rearward position of the fuel tank.

FUEL TANK SERVICEABILTY 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.

FUEL TANK DRAIN PLUG

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

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.

FRONT AXLE WARRANTY

The front axle shall be warranted by Meritor for five (5) years with unlimited miles under the general service application. Details of the Meritor warranty are provided on the PDF document attached to this option.

FRONT WHEEL BEARING LUBRICATION

The front axle wheel bearings shall be lubricated with oil. The oil level can be visually checked via clear inspection windows in the front axle hubs.

FRONT 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.

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.

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.

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.

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.

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.

POWER STEERING GEAR

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

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.

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.

REAR AXLE DIFFERENTIAL LUBRICATION

The rear axle differential shall be lubricated with oil.

REAR AXLE WARRANTY

The rear axle shall be warranted by Meritor for five (5) years with unlimited miles under the general service application. Details of the Meritor warranty are provided on the PDF document attached to this option.

REAR WHEEL BEARING LUBRICATION

The rear axle wheel bearings shall be lubricated with oil.

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.

VEHICLE TOP SPEED

The top speed of the vehicle shall be approximately 75 MPH +/-2 MPH at governed engine RPM.

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.

REAR SHOCK ABSORBERS

Two (2) Bilstein inert, nitrogen gas filled heavy duty shock absorbers shall be provided and installed as part of the rear 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.

The heavy duty shock absorbers shall be tuned to provide higher damping forces.

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.

FRONT TIRES

The front tires shall be Michelin 315/80R-22.5 20PR "L" tubeless radial XZUS 2 regional tread.

The front tire stamped load capacity shall be 20,000 pounds per axle with a nominal speed rating of 65 miles per hour when properly inflated to 130 pounds per square inch.

The Michelin Intermittent Service Rating maximum load capacity shall be 21,400 pounds per axle with a maximum speed of 65 miles per hour when properly inflated to 130 pounds per square inch.

The Michelin Intermittent Service Rating maximum speed capacity shall be 20,000 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.

REAR TIRES

The rear tires shall be Michelin 11R-22.5 16PR "H" tubeless radial XDS2 tread for year-round traction optimized for severe winter conditions.

The rear tire stamped load capacity shall be 24,020 pounds per axle with a nominal speed rating of 65 miles per hour when properly inflated to 120 pounds per square inch.

The Michelin Intermittent Service Rating maximum load capacity shall be 25,700 pounds per axle with a maximum speed of 65 miles per hour when properly inflated to 120 pounds per square inch.

The Michelin Intermittent Service Rating maximum speed capacity shall be 24,020 pounds per axle with a speed rating of 75 miles per hour when properly inflated to 120 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.

REAR AXLE RATIO

The rear axle ratio shall be 4.56:1.

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.

FRONT WHEELS

The front wheels shall be Alcoa hub piloted, 22.50 inch X 9.00 inch aluminum wheels featuring a mirror polish on the outer face. The hub piloted mounting system shall provide easy installation and shall include two-piece flange nuts.

REAR WHEELS

The outer rear wheels shall be Alcoa hub piloted, 22.50 inch X 8.25 inch aluminum wheels with a mirror polished outer surface. The inner rear wheels shall be Alcoa hub piloted, 22.50 inch X 8.25 inch aluminum wheels with bright machine finish. The hub piloted mounting system shall provide easy installation and shall include two-piece flange nuts.

BALANCE WHEELS AND TIRES

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

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.

WHEEL GUARDS

The rear dual wheels shall include a plastic isolator approximately 0.04” thick installed between the inner and outer wheel to help prevent corrosion caused by metal to metal contact.

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 a service brake application in 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 lose traction. The system shall scale the electronic engine throttle back to prevent wheel spin while accelerating on ice or wet surfaces.

A virtual button on the vehicle display and control screen 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 shall blink continuously notifying the driver of activation. Pressing the switch again shall deactivate the mud/snow feature.

The Electronic Stability Control (ESC) unit is a functional extension of the electronic braking system. It is able to detect any skidding of the vehicle about its vertical axis as well as any rollover tendency. The control unit comprises an angular-speed sensor that measures the vehicle’s motion about the vertical axis, caused, for instance, by cornering or by skidding on a slippery road surface. An acceleration sensor measures the vehicle’s lateral acceleration. The Controller Area Network (CAN) bus provides information on the steering angle. On the basis of lateral acceleration and steering angle, an integrated microcontroller calculates a theoretical angular speed for the stable vehicle condition.

FRONT BRAKES

The front brakes shall be Meritor EX225 Disc Plus disc brakes with 17.00 inch vented rotors.

REAR BRAKES

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

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.

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.

PARK BRAKE CONTROL

A Meritor-Wabco manual hand control push-pull style valve shall operate the parking brake system. The control shall be yellow in color.

The parking brake actuation valve shall be mounted in the center switch panel.

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.

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.

FRONT BRAKE CHAMBERS

The front brakes shall be provided with MGM type 24 long stroke brake chambers.

REAR BRAKE CHAMBERS

The rear axle shall include TSE 30/30 H.O.T. (High Output Technology) brake chambers 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 30/30 H.O.T. chambers are designed to provide the same performance as 30/36 chambers in a smaller package.

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.

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.

MOISTURE EJECTORS

Manual pet-cock type drain valves shall be installed on all reservoirs of the air supply system.

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 except as noted. All drop hoses shall include fiber reinforced neoprene covered hoses.

Note: The IR-2 valve shall include push to connect fittings.

AIR INLET CONNECTION

An air connection for the shoreline air inlet shall be supplied.

AIR INLET LOCATION

The air inlet shall be installed in the left hand side lower front step in the forward position.

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.

PLUMBING AIR OUTLET CONNECTION

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

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.

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.

WHEELBASE

The chassis wheelbase shall be 169.00 inches.

REAR OVERHANG

The chassis rear overhang shall be 44.50 inches.

FRAME

The frame shall consist of double 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, with the outer rail measuring 10.25 inches high X 3.50 inches deep upper and lower flanges X 0.38 inches thick with an inner channel of 9.44 inches high X 3.13 inches deep and 0.38 inches thick. Each rail shall be constructed of 110,000 psi minimum yield high strength low alloy steel. Each double rail section shall be rated by a Resistance Bending Moment (RBM) minimum of 3,213,100 inch pounds and have a minimum section modulus of 29.21 cubic inches. The frame shall measure 35.00 inches in width.

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. .

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.

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.

FRAME PAINT

The frame rails shall be hot dip galvanized prior to assembly and attachment of any components. The components that shall be galvanized shall include:

- Main frame “C” channel or channels

The frame parts which are not galvanized shall be powder coated prior to any attachment of components. Parts which shall be powder coated shall include but are not limited to:

- Steering gear bracket
- Front splayed rails and fish plates
- Bumper extensions
- Cross members
- Cross member gussets
- Fuel tank mounting brackets
- Fuel tank straps (unless material/finish is specified in 3130 subcat)
- Air tanks (unless color coded tanks are specified in 3205 subcat)
- Air tank mounting brackets
- Exhaust mounting brackets
- Air cleaner skid plate
- Radiator skid plate
- Battery supports, battery trays and battery covers

Other non-galvanized under carriage components which are received from the suppliers with coatings already applied shall include but are not limited to:

- Suspension components
- Front and rear axles

All powder coatings, primers and paint used on the non-galvanized components 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-curved 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.

The chassis under carriage consisting of frame, axles, driveline running gear, air tanks and other assorted chassis mounted components shall then be painted the primary lower cab color. Paint shall be applied prior to airline and electrical wiring installation.

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.

FRAME RAIL CORROSION

Purchaser shall receive a Frame Rail Corrosion (Zinc Plate and Powder Coat) Twenty Five (25) Years or 150,000 Miles limited warranty in accordance with, and subject to, warranty certificate RFW0316. The warranty certificate is incorporated by reference into this proposal, and included with this proposal or available upon request.

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.

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.

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.

FRONT BUMPER EXTENSION LENGTH

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

FRONT BUMPER PAINT

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

FRONT BUMPER APRON

The front bumper extension shall include a bumper apron which shall be constructed of 0.19 inch thick ASTM A-36 steel and shall be designed for an exact fit between the bumper and the cab fascia. The apron shall be an integral part of the bumper assembly and shall be painted the same color as the bumper.

FRONT BUMPER DISCHARGE

The chassis shall include frame mounted 2.00 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, 2.00 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.

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.

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.

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.

AIR HORN

The chassis shall include one (1) Grover brand Stutter Tone air horn which shall measure 21.00 inches long with a 6.00 inch round flare. The air horn shall be trumpet style with a chrome finish.

AIR HORN LOCATION

The air horn shall be recess mounted in the front bumper face in the furthest inboard position, relative to the outside of the frame rail, on the right side of the bumper.

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.

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.

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.

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.

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 forward of the front axle behind the officer’s door area.

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.

CAB TILT AUXILIARY PUMP

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

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.

CAB TILT CONTROL RECEPTACLE

A 25.00 foot cab tilt control harness shall be provided on the right side of frame just behind the cab. This harness shall consist of an 8.00 foot harness connected to the tilt pump and a 17.00 foot extension harness with a six (6) pin Deutsch connector with cap for mounting in a compartment in the body.

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.

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.

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 bonded to the cab using a high strength commercial grade automotive adhesive.

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 ring on the exterior.

GLASS TINT FRONT DOOR

The windows located in the left and right front doors shall include a dark gray automotive tint which shall allow forty-five percent (45%) light transmittance. The dark tint shall aid in cab cooling and help protect passengers from radiant solar energy.

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.

GLASS TINT REAR DOOR RIGHT HAND

The window located in the right hand side rear window shall include a dark gray automotive tint which shall allow forty-five percent (45%) light transmittance. The dark tint shall aid in cab cooling and help protect passengers from radiant solar energy.

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.

GLASS TINT REAR DOOR LEFT HAND

The window located in the left hand side rear door shall include a dark gray automotive tint which shall allow forty-five percent (45%) light transmittance. The dark tint shall aid in cab cooling and help protect passengers from radiant solar energy.

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.

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.

CLIMATE CONTROL ACTIVATION

The heating, defrosting and air conditioning controls shall be in the center dash center switch panel, in a position which is easily accessible to the driver. The climate control shall be activated by a rotary switch.

HVAC OVERHEAD COVER PAINT

The overhead HVAC cover shall be painted with a multi-tone onyx black texture finish.

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.

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.

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.

The cab floor insulation shall cover the driver and officer floor areas as well as all crew floor areas and compartment floor areas if applicable.

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 a cast aluminum trim piece at each cab door opening. 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.

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.

REAR WALL INTERIOR TRIM

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

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.

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.

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.

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 4.50 inches high X 5.88 inches deep. The MDT provision shall be provided above the glove compartment.

TRIM RH DASH ACCESSORIES

The Mobile Data Terminal (MDT) provision on the right hand dash shall be provided with a slide-out tray. The MDT slide-out tray shall be constructed of 5052-H32 Marine Grade, 0.13 of an inch thick aluminum plate. The mounting surface of the tray measures 12.50 inches wide X 10.75 inches deep which shall allow for the mounting of a MDT with the added luxury of sliding it toward the officer as much as 11.00 inches.

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.

POWER POINT DASH MOUNT

The cab shall include a 12 volt cigarette lighter type receptacle in the cab dash to provide a power source for 12 volt electrical equipment. The cab shall also include one (1) Blue Sea dual universal serial bus (USB) charging receptacle in the cab dash switch panel to provide a power source for USB chargeable electrical equipment. The USB port shall be capable of a 5 Volt-4.8 amp total output. The receptacles shall be wired battery direct.

AUXILIARY POWER POINT ENGINE TUNNEL

The cab interior shall include two (2) 12 volt cigarette lighter type receptacles to provide a power source for 12 volt electrical equipment. The receptacles shall be connected directly to the batteries. The receptacle shall be prewired to the rear of the engine tunnel with two (2) feet of additional length of wire coiled under the cab, with the receptacle shipped loose for body builder installation.

STEP TRIM

Each cab entry door shall include a three step entry. The first step closest to the ground shall be constructed of polished 5052 H32 aluminum Grip Strut® grating with angled outer corners. The grating shall allow water and other debris to flow through rather than becoming trapped within the stepping surface. 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 in 0.08 inch thick 3003-H22 embossed aluminum tread plate.

STEP TRIM KICKPLATE

The cab steps shall include a kick plate in the rise of each step. The risers shall be trimmed in 3003-H22 bright aluminum tread-plate which is 0.07 inch thick.

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.

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.

DOOR TRIM KICKPLATE

The inner door panels shall include an aluminum tread kick plate which shall be fastened to the lower portion of the door panels.

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.

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.

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.

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.

INTERIOR SOFT TRIM COLOR

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

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.

INTERIOR FLOOR MAT COLOR

The cab interior floor mat shall be black in color.

CAB PAINT INTERIOR DOOR TRIM

The inner door panel surfaces shall be painted with multi-tone onyx black texture finish.

HEADER TRIM INTERIOR PAINT

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

TRIM CENTER DASH INTERIOR PAINT

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

TRIM LH DASH INTERIOR PAINT

The left hand dash shall be painted with a multi-tone onyx black texture finish.

TRIM RIGHT HAND DASH INTERIOR PAINT

The right hand dash shall be painted with multi-tone onyx black texture finish.

RIGHT HAND DASH ACCESSORIES INTERIOR PAINT

The right hand dash accessories shall be painted with multi-tone onyx black texture finish.

DASH PANEL GROUP

The main center dash area shall include three (3) aluminum 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 panels shall be coated with a black texture finish. The center panel shall be within comfortable reach of both the driver and officer.

SWITCHES CENTER PANEL

The center dash panel shall include one (1) rocker switch position in 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.

SWITCHES LEFT PANEL

The left dash panel shall include three (3) switches. Two (2) of the switches shall be rocker type and the left one (1) shall be the windshield wiper/washer control switch.

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.

SWITCHES RIGHT PANEL

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

SEAT BELT WARNING

A 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 vehicle 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.

SEAT MATERIAL

The USSC Valor seats shall include military grade high strength, wear resistant fabric made of durable ballistic polyester. A synthetic coating shall be bonded to the back side of the material to help protect the seats from UV rays and from being saturated or contaminated by fluids. The fabric shall include the integration VALORTech XD®, a proprietary antimicrobial agent, designed to resist toxicity and contaminants.

If applicable, Theatre style seats located in the cab shall be high strength, wear resistant fabric made of durable ballistic polyester. A PVC coating shall be bonded to the back side of the material to help protect the seats from UV rays and from being saturated or contaminated by fluids. Common trade names for this material are Imperial 1200 and Durawear.

SEAT COLOR

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

SEAT BACK LOGO

The seat backs shall include the logo for the County of Tehama seal. The logo shall be centered on the standard headrest of the seat back and on the left side of a split headrest.

SEAT DRIVER

The driver's seat shall be a USSC Valor M Series Magnus air suspension. The four-way seat shall feature a 3.00 inches vertical travel air suspension and manual fore and aft adjustment with 9.40 inches of travel. The suspension control shall be located on the seat below the front of the cushion. The seat shall include red LED lighting in the seat base. The seat shall also feature integral springs to isolate shock.

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 the Suspension Seat Safety System (S4S) as an integral part of the seat assembly. The suspension integrated S4S shall create smaller packaging and eliminate the need to remote mount and tether through the cab floor. The buckle portion of the seat belt shall extend from the seat base towards the driver position within easy reach of the occupant.

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.

The materials used in construction of the seat shall also have successfully completed testing regarding the flammability of materials used in the occupant compartments of motor vehicles as outlined in FMVSS 302, of which dictates the allowable burning rate of materials in the occupant compartments of motor vehicles.

SEAT BACK DRIVER

The driver's seat shall include a standard seat back incorporating the all belts to seat feature (ABTS) as described above. The seat back shall recline up to 19-degrees.

SEAT MOUNTING DRIVER

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

OCCUPANT PROTECTION DRIVER

The driver's position shall be equipped with the IMMI 4Front and RollTek™ Systems which shall secure belted occupants and increase the survivable space within the cab. The 4Front and RollTek™ Systems shall selectively deploy integrated systems to protect against injuries in qualifying frontal impact, and rollover events.

The Driver's seating area protection shall include:

- Drivers airbag **DAB** - inflates a steering wheel airbag to protect the head and neck of the driver.
- Driver's knee airbag **DKAB** - inflating knee bolster airbags to protect the knees.
- Integrated roll sensor **IRS** - detects an imminent rollover, activates protective devices and records crash events.
- Integrated belt pretension **ICP -** device for air ride seats tightens the seat belt, securing driver in seat and positions driver for contact with seat integrated head cushion side roll airbag.
- Seat pull-down system **S4S -** device for air seats locks seat to lowest position, increases survivable space.

Inflatable Head Cushion seat integrated Side Roll Airbag **SRA** - protects driver's head/neck and shields driver from dangerous surfaces.

SEAT OFFICER

The officer's seat shall be a USSC Valor M Series Magnus air suspension. The four-way seat shall feature a 3.00 inches vertical travel air suspension and manual fore and aft adjustment with 9.40 inches of travel. The suspension control shall be located on the seat below the front of the cushion. The seat shall also feature integral springs to isolate shock.

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 the Suspension Seat Safety System (S4S) as an integral part of the seat assembly. The suspension integrated S4S shall create smaller packaging and eliminate the need to remote mount and tether through the cab floor. 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 this belted seating position shall be 37.00 inches measured with the seat suspension height adjusted to the upper limit of its 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. 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.

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.

SEAT MOUNTING OFFICER

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

OCCUPANT PROTECTION OFFICER

The officer's position shall be equipped with the IMMI 4Front and RollTek™ Systems which shall secure belted occupants and increase the survivable space within the cab. The 4Front and RollTek™ Systems shall selectively deploy integrated systems to protect against injuries in qualifying frontal impact, and rollover events.

The Officer's seating area protection shall include:

- Officer's knee airbag **OKAB** - inflating knee bolster airbags to protect the knees.
- Integrated roll sensor **IRS** - detects an imminent rollover, activates protective devices and records crash events.
- Integrated belt pretension **ICP -** device for air ride seats tightens the seat belt, securing officer in seat and positioning officer for contact with seat integrated head cushion side roll airbag.

- Seat pull-down system **S4S** - device for air seats locks seat to lowest position, increases survivable space.

Inflatable head cushion seat integrated side roll airbag **SRA** - protects officer's head/neck and shields officer from dangerous surfaces.

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.

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.

SEAT CREW FORWARD FACING CENTER

The crew area shall include a seat in the forward facing center position which shall be a USSC Valor ABTS Crew series. The seat shall feature an 18.00 inches wide padded seat cushion. The seat shall include a "Flip and Hold" feature so that the cushion shall remain in the seated position and simply touched to flip up.

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. 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.

SEAT BACK FORWARD FACING CENTER

The crew area seat backs 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.

OCCUPANT PROTECTION FFC

The forward facing center seat positions shall be equipped with the RollTek™ rollover occupant protection system which shall secure occupants, increase the survivable space within the cab and protect against head/neck injuries in the event of a rollover accident.

The system shall function using a microprocessor-controlled, solid-state sensing device which, when the system detects a side roll shall provide instantaneous occupant protection (less than 0.3 seconds from trigger to total deployment) by automatically initiating the following sequence:

1. The seat belt shall tighten around the occupant.

System Components Shall Include:

Integrated Roll Sensor **IRS** - detects an imminent rollover, activates protective devices and records crash events.

Integrated Belt Pretension **IBP** with flip-up (non theatre) and fixed mechanical seats - tightens the seat belt around occupant, securing occupant in seat.

Integrated Gas Pretension **IGP** with flip-up theatre style seats - tightens the seat belt around occupant, securing occupant in seat.

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.

SEAT FRAME FORWARD FACING STORAGE ACCESS

There shall be three (3) access points to the storage area one (1) each side of the seat frame and one (1) on the front face of the seat frame. Each side access point shall be covered by a hinged door with an opening that measures 13.75 inches in width X 10.00 inches in height and the front access point shall be covered by a hinged door with an opening that measures 32.00 inches in width X 8.75 inches in height to allow access for storage in the seat box.

SEAT MOUNTING FORWARD FACING CENTER

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

SEAT COMPARTMENT DOOR FINISH

All underseat storage compartment access doors shall have a multi-tone onyx black texture finish.

HELMET STORAGE SHIPLOOSE QUANTITY

The ship loose items shall include two (2) helmet storage brackets.

HELMET STORAGE SHIPLOOSE

The ship loose items shall include Ziamatic model UHH-1 helmet storage designed to meet current NFPA regulations. The UHH-1 shall securely fasten fire helmets to flat cab surfaces. The UHH-1 utilizes a helmet hook and an adjustable strap to accommodate nearly any helmet size or configuration.

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.

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.

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.

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.

DOOR LOCK LH EMS COMPARTMENT

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

DOOR LOCK RH EMS COMPARTMENT

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

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 vehicle display and control screen.

GRAB HANDLES

The cab shall include one (1) 18.00 inch three-piece knurled aluminum, anti-slip exterior assist handle, installed behind each cab door. The assist handle shall be made of extruded aluminum with a knurled finish to enable non-slip assistance with a gloved hand.

LIGHTED GRAB HANDLES

The grab rails shall include a 12 volt, 17.00 inch long clear LED light to provide an increased margin of safety for night time cab entry and egress.

AUXILIARY GRAB HANDLE

There shall be two (2) 7.00 inch molded stainless steel grab handles with a bright finish attached vertically to the front fascia of the cab one (1) each side above the headlights and towards the grille.

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.

REARVIEW MIRROR HEAT SWITCH

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

EXTERIOR TRIM REAR CORNER

There shall be mirror finish stainless steel scuff plates on the outside corners at the back of the cab. The stainless steel plate shall be affixed to the cab using two sided adhesive tape.

CAB FENDER

Full width wheel well liners shall be installed on the extruded cab to limit road splash and enable easier cleaning. Fender shall consist of an inner liner 16.00 inches wide made of ABS composite and an outer fenderette 3.50 inches wide made of SAE 304 polished stainless steel.

MUD FLAPS FRONT

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

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.

CAB EXTERIOR MODEL NAMEPLATE

The cab shall include “Metro Star” nameplates on the front driver and officer side doors.

IGNITION

A master battery system with a keyless start ignition system shall be provided. There shall be a three-position rocker switch with off, battery, and ignition positions as well as a stainless-steel etched engine start push-button. The engine start button shall include an illuminated LED halo ring. Both switches shall be mounted to the left of the steering wheel on the dash.

The engine start switch shall only operate when the master battery and ignition switch is in the “ignition” position.

BATTERY

The single start electrical system shall include five (5) Harris BCI 31 925 CCA batteries with a 210 minute reserve capacity and 4/0 welding type dual path starter cables per SAE J541.

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.

BATTERY BOX COVER

Each battery box shall include a cover which protects the top of the batteries.

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.

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.

ALTERNATOR

The charging system shall include a 430 amp Delco Remy 55SI 12 volt alternator. The alternator shall include a self-exciting integral regulator.

STARTER MOTOR

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

BATTERY CONDITIONER

A Kussmaul Auto Charge Chief 4012 battery conditioner shall be supplied. The battery conditioner shall provide a circuit protected 40-amp output for the chassis batteries and a 20-amp output circuit for accessory loads. The conditioner shall also include a battery temperature sensor.

BATTERY CONDITIONER LOCATION

The battery conditioner shall be mounted in the cab on top of the left-hand mid EMS compartment.

BATTERY CONDITIONER DISPLAY

A Kussmaul Chief Remote Control Panel (RCP) battery conditioner display shall be supplied.

BATTERY CONDITIONER DISPLAY LOCATION

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

ELECTRICAL INLET LOCATION

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

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.

ELECTRICAL INLET CONNECTION

The electrical inlet shall be connected to the battery conditioner.

ELECTRICAL INLET COLOR

The electrical inlet connection shall include a red cover.

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.

HEADLIGHT LOCATION

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

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.

SIDE TURN/MARKER LIGHTS

The sides of the cab shall include two (2) Truck-Lite 10250Y LED round side marker lights which shall be grommet mounted just behind the front cab radius corners.

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 black bezels.

HEADLIGHT AND MARKER LIGHT ACTIVATION

The headlights and marker lights shall be controlled via a virtual button on the Vista display. There shall be a virtual dimmer control on the Vista display 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.

FOG LIGHTS

The chassis shall include two (2) J.W. Speaker 6145 Series chrome LED fog lights. The 4.00 inches round lights shall feature 610 effective lumen output, clear polycarbonate lenses, and carbon fiber inner bezel. These lights shall be controlled by a virtual button on the vehicle display and control screen.

FOG LIGHT LOCATION

The fog lights shall be mounted under the bumper on the left and right side in the inboard positions.

INTERIOR OVERHEAD LIGHTS

The cab shall include a 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.

INTERIOR OVERHEAD LIGHTS ACTIVATION

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

AUXILIARY DOME LIGHT FRONT CENTER

The cab shall include a Weldon LED dome lamp as an auxiliary dome light. The auxiliary dome light shall be located over the engine tunnel. The light shall include push switches to activate both the clear and red portions of the light individually.

AUXILIARY DOME LIGHT FRONT CREW

The cab shall include two (2) LED auxiliary dome lights in the headliner inboard of the rear facing crew seat. The clear portion of each lamp shall be activated by opening any cab door and both the red and clear portion can be activated by individual push switches on each lamp.

AUXILIARY DOME LIGHT REAR CREW

The cab shall include (2) two LED auxiliary dome lights in the headliner above the forward facing crew seats. The clear portion of each lamp shall be activated by opening any cab door and both the red and clear portion can be activated by individual push switches on each lamp.

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 mounting and wiring to a control switch on the cab dash.

CAB FRONT LIGHTBAR MODEL

The cab shall be provided with one (1) Whelen model F4N60 light bar. The light bar shall be 60.00 inches in length and feature sixteen (16) customizable pods.

See the light bar layout for specific details.

If applicable, clear lights shall be disabled with park brake engaged.

Red light shall be steady burn.

LIGHTBAR SWITCH

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

FRONT SCENE LIGHTS

The front of the cab shall include one (1) HiViz model FireTech FT-B-72 LED scene light installed on the brow of the cab.

The housing shall be powder coated white.

FRONT SCENE LIGHT LOCATION

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

FRONT SCENE LIGHTS ACTIVATION

The front scene lighting shall be activated by a virtual button on the vehicle display and control screen. The virtual button shall be a multi-level button to toggle through the front scene lighting activation levels. The button shall toggle through and display the state as “Off”, “Spot”, “Flood”, “Scene”, “Off” and then repeat that cycle. With each level of activation the previous state is maintained, so that “Flood” is both “Spot” and “Flood” modes together, while “Scene” is all three (3) levels activated simultaneously.

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.

SIDE SCENE LIGHT LOCATION

The scene lighting located on the left and right sides of the cab shall be mounted in the upper mid forward portion of the 10.00 inch raised roof of the cab between the front and rear crew doors.

SIDE SCENE ACTIVATION

The scene lights shall be activated by two (2) virtual buttons on the vehicle display and control screen(s), one (1) for each light, and by opening the respective side cab doors.

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.

GROUND LIGHTS

The ground lighting shall be activated when the parking brake is set, by the opening of the door on the respective cab side, and through a virtual button on the vehicle display and control screen.

UNDER BUMPER LIGHTS

There shall be two (2) 4.00 inch round LED NFPA compliant ground lights mounted under the bumper. The lights shall include a polycarbonate lens, a housing which is vibration welded, and LEDs which shall be shock mounted for extended life. The under bumper ground lighting shall be interlocked with the park brake and the marker light activation.

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.

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.

MAP LIGHTS

Two (2) Sunnex swivel map lights shall be provided. Each light shall have a clear lens and a control switch on the base. The lights shall be mounted on the overhead HVAC cover, one (1) on each side.

Two (2) cab interior LED swivel map lights shall be supplied mounted in the ceiling one above the rear seating positions. These lights shall be controlled by individual switches mounted on each light.

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 activate automatically when the cab is tilted.

DO NOT MOVE APPARATUS LIGHT

The front headliner of the cab shall include a flashing red Whelen Ion 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.

MASTER WARNING SWITCH

A master switch shall be included, as a virtual button on the 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.

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.

HEADLIGHT FLASHER SWITCH

The flashing headlights shall be activated through a virtual button on the Vista display and control screen.

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.

INBOARD FRONT WARNING LIGHTS COLOR

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

FRONT WARNING SWITCH

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

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.

INTERSECTION WARNING LIGHTS COLOR

The intersection lights shall be red.

INTERSECTION WARNING LIGHTS LOCATION

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

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.

SIDE WARNING LIGHTS COLOR

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

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.

SIDE AND INTERSECTION WARNING SWITCH

The side warning lights shall be controlled through the master warning switch.

TANK LEVEL LIGHTS

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

TANK LEVEL LIGHTS ACTIVATION

The tank level lights shall be pre-wired and coiled at rear of the cab for connection to the apparatus by the body builder.

TANK LEVEL LIGHTS LOCATION

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

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 ignition switched and activation dependent upon the state of the controllers switched position upon ignition.

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.

SIREN CONTROL HEAD

A Whelen 295HFSA7 electronic siren control head with remote dual 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, 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.

STEERING WHEEL HORN BUTTON SELECTOR SWITCH

A virtual button on the Vista display and control screen shall be provided to allow control of either the electric horn or the air horn from the steering wheel horn button.

AUDIBLE WARNING LH FOOT SWITCH

Two (2) foot actuated switches shall be supplied for installation in the front section of the cab for driver actuation. One (1) switch shall be wired to actuate the air horn(s) and one (1) switch the mechanical siren(s).

AIR HORN FOOT SWITCH LH

The air horn foot switch shall be a Linemaster model 491-S.

AIR HORN FOOT SWITCH LH LOCATION

The air horn foot switch shall be located on the left hand side accessible to the driver between the steering column and the door.

AIR HORN FOOT SWITCH LH POSITION

The air horn foot switch shall be positioned inboard of any other foot switch, if applicable.

MECHANICAL SIREN FOOT SWITCH LH

The mechanical siren foot switch shall be a Linemaster model 491-S.

MECHANICAL SIREN FOOT SWITCH LH LOCATION

The mechanical siren foot switch shall be located on the left hand side accessible to the driver between the steering column and the door.

MECHANICAL SIREN FOOT SWITCH LH POSITION

The mechanical siren foot switch shall be positioned outboard of any other foot switch, if applicable.

AUDIBLE WARNING LH FOOT SWITCH BRACKET

A 30.00 degree angled foot switch bracket, wide enough to accommodate (2) foot switches, shall be installed outboard of the steering column for specified driver accessible foot switch activations.

AUDIBLE WARNING RH FOOT SWITCH

A foot switch wired to actuate the air horn(s) shall be supplied for installation in the front section of the cab for officer actuation.

AIR HORN FOOT SWITCH RH

The air horn foot switch shall be a Linemaster model 491-S.

AIR HORN FOOT SWITCH RH LOCATION

The air horn foot switch shall be temporarily tied up with a coiled wire drop at the firewall inboard for installation by the customer on the right hand side accessible to the officer.

AIR HORN AUXILIARY ACTIVATION

The air horn activation shall be accomplished by a black momentary back lit push button on the switch panel. An air horn activation circuit shall be provided to the chassis harness pump panel harness connector.

MECHANICAL SIREN BRAKE/AUXILIARY ACTIVATION

The mechanical siren shall be actuated by a black back lit push button in the switch panel on the dash. A red momentary siren brake rocker switch shall be provided in the switch panel on the dash.

MECHANICAL SIREN INTERLOCK

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

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.

INSTRUMENTATION

An Innovative Controls Digital Instrument Cluster (DIC) shall be provided that combines gauges, telltales, warning messages, and advanced diagnostic capabilities into a single 12.8-inch digital display. The display screen shall have an anti-reflective coating and include touch screen and mechanical button user interaction with the display as well as video and audio interfaces.

The DIC shall include a vehicle odometer which displays the total vehicle distance traveled. The DIC shall also include two vehicle trip odometers (TRIP A and TRIP B) which indicate the distance traveled and average fuel economy for each respective trip. The operator may select which odometer is displayed and may reset either trip odometer through the on-screen display. The DIC shall include an engine hour meter which displays the total engine hours of operation.

The gauges shall have high-contrast white scales with orange pointers. The following gauges shall be included on the display:

- Speedometer that indicates vehicle speed. The scale on the speedometer shall read from 0 to 100 MPH. A numerical display of vehicle speed shall also be shown on the gauge.
- Tachometer that indicates engine speed. The scale of the tachometer shall read from 0 to 3000 RPM.
- Primary and secondary air pressure gauges shall indicate the pressure in the primary and secondary air systems. The scale of the air pressure gauges shall read from 0 to 160 pounds per square inch (PSI). The gauge icon and scale shall turn amber when the system pressure drops below 70 PSI. The icon and scale shall turn red when the system pressure drops below 62 PSI. An audible alarm shall also sound when air pressure is low.
- Fuel gauge. The fuel gauge shall read from empty to full as a fraction of full tank capacity. The gauge icon and scale shall turn amber when the fuel level is below 1/8th tank capacity (1/4th tank in pump mode). An audible alarm shall also sound with low fuel level.
- Diesel exhaust fluid (DEF) gauge. The DEF gauge shall read from empty to full as a fraction of full tank capacity. The gauge icon and scale shall turn amber, and an audible alarm shall sound to indicate low DEF level.
- Engine oil pressure gauge. The scale of the engine oil pressure gauge shall read from 0 to 100 PSI. The gauge icon and scale shall turn red, and an audible alarm shall sound to indicate low oil pressure.
- Engine coolant temperature gauge. The scale of the coolant temperature shall read from 100 to 250 degrees Fahrenheit (°F). The gauge icon and scale shall turn red, and an audible alarm shall sound to indicate high coolant temperature.
- Voltmeter indicating chassis system voltage. The scale of the voltmeter shall be from 10 to 18 volts. The gauge icon and scale shall turn red, and an audible alarm shall sound when the system voltage drops below 11.8 volts for more than 120 seconds in accordance with the requirements of NFPA 1901. The gauge icon and scale shall turn red, and an audible alarm shall sound when the system voltage rises above 15.5 volts for more than 5 seconds.
- Transmission temperature gauge. The scale of the transmission temperature shall read from 100 to 300 degrees Fahrenheit (°F). The gauge icon and scale shall turn amber, and an audible alarm shall sound to indicate high transmission temperature.

The DIC shall include thirty-six (36) colored telltales to indicate vehicle operating conditions. The DIC shall provide text-based warning messages to accompany all telltales. The DIC shall contain an audible alarm capable of providing different alert sounds based on the type of warning. The audible alarm shall be capable of being heard from all seating positions in the cab. The operator shall be able to silence active alarms that are permitted to be silenced by applicable regulations. The DIC shall contain the following indicators and produce the following audible alarms when supplied in conjunction with applicable configurations:

RED TELLTALES

- Air Filter Restriction - indicates restriction of the engine air intake filter
- Air Pressure (Primary) – indicates critically low primary system air pressure
- Air Pressure (Secondary) – indicates critically low secondary system air pressure
- Cab Tilt Warning - indicates the cab tilt system locks are not engaged
- Coolant Temperature – indicates high engine coolant temperature
- Low Coolant - indicates critically low engine coolant
- Oil Pressure – indicates critically low engine oil pressure
- Park Brake - indicates parking brake is set
- Seat Belt - indicates a seat belt violation
- Stop Engine - indicates critical engine fault
- Voltage – indicates critically low or high system voltage

AMBER TELLTALES

- Supplemental Restraint System (SRS) – ISO Icon indicates an SRS fault
- Anti-Lock Brake System (ABS) - indicates anti-lock brake system fault
- Check Engine - indicates engine fault
- Check Transmission - indicates transmission fault
- Diesel Exhaust Fluid (DEF) level – indicates low DEF level
- Diesel Particulate Filter (DPF) - indicates restriction of the diesel particulate filter
- Electronic Stability Control (ESC) – indicates active electronic stability control system
- Fuel Level – indicates low fuel
- High Exhaust System Temperature (HEST) – indicates elevated exhaust temperature
- Malfunction Indicator Lamp (MIL) - indicates an engine emissions system fault
- Regen Inhibit - indicates regeneration of the DPF has been inhibited by the operator
- Transmission Temperature – indicates high transmission or transmission retarder temperature
- Transmission Range Inhibit - indicates a transmission operation is prevented and requested shift into gear may not occur
- Wait to Start - indicates active engine air preheat cycle
- Water in Fuel - indicates presence of water in fuel filter
- Windshield Washer Fluid – indicates low washer fluid

GREEN TELLTALES

- Automatic Traction Control (ATC) - indicates low wheel traction for automatic traction control equipped vehicles. Also indicates mud/snow mode is active for ATC system
- Auxiliary Brake - indicates secondary braking device is active
- Cruise Control - indicates cruise control is enabled
- High Idle - indicates engine high idle is active
- OK to Pump - indicates that conditions have been met for pump operations
- Left and Right Turn Signal – indicates active turn signal

- Pump Engaged - indicates the pump transmission is currently in pump gear

BLUE TELLTALES

- High Beam indicator

AUDIBLE ALARMS

- ABS System Fault
- Air Filter Restriction
- APS System Fault
- Cab Tilt Warning
- Check Engine
- Check Transmission
- Do Not Move Apparatus (open door/compartment)
- DPF Restriction
- High Coolant Temperature
- High or Low System Voltage
- High Transmission Temperature
- Idle Shutdown
- Low Air Pressure
- Low Coolant Level
- Low DEF Level
- Low Engine Oil Pressure
- Low Fuel
- Seatbelt Warning
- Stop Engine
- Turn Signal On
- Water in Fuel

The DIC shall allow the user to configure settings through an on-screen menu. The following settings shall be adjustable by the user:

- Distance/Speed Units – English (miles/MPH) or metric (kilometers/KPH)
- Temperature Units – degrees Fahrenheit (°F) or degrees Celsius (°C)
- Pressure Units – pounds per square inch (PSI) or kilopascals (kPA)
- Odometer/Trip odometer–chose which odometer is displayed and reset trip odometers
- Display Brightness – adjust brightness levels for both day and night settings
- Volume – adjust volume of display speaker
- Auxiliary Gauges – configure location of auxiliary gauges

The DIC shall include on-screen control of the diesel particulate filter (DPF). The DIC shall be capable of initiating and halting a manual DPF regeneration cycle. Also, the DIC shall be capable of inhibiting DPF regeneration when not desired by the operator.

The DIC shall be capable of displaying detailed diagnostic information. Diagnostic information screens shall only be accessible when the park brake is set to prevent unsafe operation of the vehicle. The following information shall be available through the on-screen menu:

- On-Board Diagnostics (OBD) faults – display of all active OBD faults, including the system reporting the fault, the suspect parameter number (SPN), and the failure mode identifier (FMI)
- Messages– display a list of all active warning messages and the status of alarms
- Vehicle Info – display of broadcast chassis information, including Vehicle Identification Number (VIN)
- Pump Interlocks – display pump interlocks status, engine speed, and transmission output speed
- Input/Output Diagnostics – display the state of all wired inputs and outputs to the DIC
- Symbol Legend – display a glossary of all symbols and icons used on the DIC
- J1939 Databus Info – display a list of all electronic control units (ECUs) communicating on the vehicle J1939 databus and display a list of all current message data on J1939

BACKLIGHTING COLOR

The digital dash instrumentation gauges shall display in white and the switch panel legends shall be backlit using red LED backlighting.

HOUR METER

An hour meter for the engine and the pump hours shall be included within the digital dash display which shall measure the number of hours the engine and the driveline pump has been operated.

SPEEDOMETER/ODOMETER

The speedometer and odometer shall be activated while in pumping mode.

RADIO

A Jensen brand heavy-duty radio with weather band, AM/FM stereo receiver and Bluetooth capabilities shall be installed in a customer specified location. Radio shall be the current, commercially available heavy-duty single-DIN automotive model at time of vehicle manufacturing date.

RADIO LOCATION

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

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.

RADIO SPEAKERS

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

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.

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.

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.

CAMERA DISPLAY

The camera system shall be wired to a single vehicle display and control screen located on the driver's side dash. The camera system display can be activated through the vehicle display and control screen.

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).

COMMUNICATION ANTENNA

An antenna base, for use with an NMO type antenna, shall be mounted on the right hand front corner of the cab raised roof so not to interfere with light bars or other roof mounted equipment installed by chassis builder. The antenna base shall be an Antenex model MABVT8 made for either a 0.38 inch or 0.75 inch receiving hole in the antenna and shall include 17 foot of RG58 A/U cable with no connector at the radio end of the cable. The antenna base design provides the most corrosion resistance and best power transfer available from a high temper all brass construction and gold plated contact design. The antenna base shall be chassis builder supplied.

COMMUNICATION ANTENNA CABLE ROUTING

The antenna cable shall be routed from the antenna base mounted on the roof to the area behind and underneath the right hand front seat.

AUXILIARY COMMUNICATION ANTENNA

An auxiliary antenna base, for use with and NMO type antenna, shall be installed on the cab. The antenna base shall be an Antenex model MABVT8 and shall include 17.00 foot of RG58 A/U cable with no connector at the radio end of the cable. The antenna shall be mounted on the right hand front corner of the upper cab roof so not to interfere with light bars or other roof mounted equipment installed by chassis builder. The antenna base shall chassis builder supplied.

AUXILIARY COMMUNICATION ANTENNA CABLE ROUTING

The auxiliary antenna cable shall be routed from the antenna base mounted on the roof to the area behind and underneath the right hand front seat.

ADDITIONAL COMMUNICATION ANTENNA

An antenna base, for use with and NMO type antenna, shall be installed on the cab. The antenna base shall be an Antenex model MABVT8 and shall include 17.00 foot of RG58 A/U cable with no connector at the radio end of the cable. The antenna base shall be mounted on the left hand front corner of the cab roof so not to interfere with light bars or other roof mounted equipment installed by chassis builder. The antenna base shall be chassis builder supplied.

ADDITIONAL COMMUNICATION ANTENNA CABLE ROUTING

The additional antenna cable shall be routed from the antenna base mounted on the roof to the area inside the center rocker switch console.

FIRE EXTINGUISHER

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

ROAD SAFETY KIT

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

DOOR KEYS

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

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.

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

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.

TRANSMISSION SERVICE MANUALS

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

CAB/CHASSIS AS BUILT WIRING DIAGRAMS

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

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. This shall also include review and approval of requested clear areas. The OEM engineer shall provide approval to the driveline engineer prior to driveline bills of materials being released.

SPARTAN METRO STAR CHASSIS

The chassis shall be a Spartan Metro Star.

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.

RELOCATE CAB TILT

The cab tilt pendant shall be relocated as deemed best fit by the OEM.

CENTER FRONT BUMPER STORAGE WELL

A storage well shall be in the center of the extended front bumper.

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.

The storage well shall be coated with black Line-X.

A polished stainless trim piece shall be added to the front edge of the front bumper hose well for paint protection from hose rubbing. It shall bend over the front edge 1". (Same as 5098 Fresno County)

The OEM will not add any flooring to the front bumper storage well.

RELOCATE BATTERY CHARGER

The chassis supplied battery charger shall be installed by the OEM.

The exact location will be determined by the apparatus manufacturer unless a specific location is clarified in the shop note.

Shop Note: Move the chassis supplied battery charger from the top of the LH EMS to the front lower face of that EMS. The holes that are left will be covered by the EMS we install on the top of the existing box.

DOOR AJAR LIGHT

A hazard warning circuit shall be tied to the circuit for the "open door" warning light in the chassis in addition to the vehicle display to alert the driver of an unsafe condition for moving the apparatus. The vehicle display shall have a specific screen to show the displayed alert. The screen shall show the apparatus in full driver's side, officer's side and rear views. The door, component or device that is not properly closed or stowed will be shown on the screen in the appropriate view. The light shall be illuminated automatically when the parking brake is not fully engaged and any of the following conditions exist:

- Any equipment compartment door that is not closed (excluding compartments with 4 cubic foot (0.1 cubic meter) or less of volume; or have an opening of 144 square inches (92,000 square mm) or less; or doors that do extend sideways beyond the mirrors or up above the top of the fire apparatus);

- Any ladder or equipment rack that is not in the stowed position;

- Any device or component that is permanently attached to the apparatus that is open, extended, or deployed in a manner that is likely to cause damage to the apparatus that has been specified as being tied to

the hazard warning circuit.

A warning placard shall be near the warning light that reads "DO NOT Move Apparatus When Light Is On."

STAINLESS STEEL HOOKS

There shall be four (4) stainless steel hooks, and two stainless steel plates provided in the chassis cab.

The hooks will be located two (2) per plate and placed 5" apart. The placement shall be high for hanging coats.

RECHARGEABLE FLASHLIGHTS

Two (2) Streamlight, model 44330, high-intensity rechargeable LED Fire Vulcan flashlights shall be supplied and installed on the apparatus along with the 44350 charging racks. Each Vulcan shall feature C4 LED technology with a 50,000 hour lifetime and shall include two (2) bright blue LED taillights, utilizing blinking and steady modes. Each Vulcan shall be orange in color, include one (1) Vehicle Mount System (with quick-release strap), and shall be wired directly to the chassis batteries.

Shop Note: The lights will be mounted on each side of the inner cab wall, outboard of the seat box as was done on the Fresno units.

RECHARGABLE LED STINGERS

There shall be three (3) Streamlight Stinger LED DS HL, model 75456, rechargable LED flashlights supplied and installed on the apparatus. Each light shall include one (1) Vehicle Mount System, and be wired direct to the chassis batteries.

SWIVEL MOUNT

A Johnny Ray model JR-300 swivel mount shall be shipped loose with the finished unit.

EMS COMPARTMENT - DRIVER'S SIDE

A rear-facing EMS compartment shall be installed behind the driver's seat and situated on the top of the existing chassis supplied EMS compartment. This additional upper compartment shall be as tall as possible, have the same front to back dimensions as the lower compartments, and a 4" shallower side to side dimension than the lower compartments. The compartment shall be constructed of aluminum.

The compartment shall have rearward facing vertically hinged door with a compression latch. The door will be hinged to swing inwards.

The EMS compartment shall be furnished with an 18" On Scene "Night Axe" LED compartment light mounted on one of the door opening corners. An automatic door switch shall activate the compartment light.

RIOT COMPARTMENT - CENTER

A rear-facing "riot" storage compartment shall be installed along the rear of the chassis engine tunnel in the center of the cab. The compartment shall be as wide as the two outboard EMS boxes will allow. The rearward face of the compartment shall be even with and equal to the outboard EMS boxes and the forward face shall

follow the contour of the engine tunnel. The height of the compartment shall be even with the top of the engine tunnel (Not with the mounting plate). The compartment shall be constructed of aluminum.

The compartment shall have a hinged top lid with gas props and compression latches.

The EMS compartment shall have NO lighting.

Shop Note: The depth of the riot box needs to end at the forward corner of the chamfer on the driver side. Engineering will provide a drawing for approval before this is created on the floor.

EMS COMPARTMENT - OFFICER'S SIDE

A rear-facing EMS compartment shall be installed behind the officer's seat and situated on the top of the existing chassis supplied EMS compartment. This additional upper compartment shall be as tall as possible, have the same front to back dimensions as the lower compartments, and a 4" shallower side to side dimension than the lower compartments. The compartment shall be constructed of aluminum.

The compartment shall have rearward facing vertically hinged door with a compression latch. The door will be hinged to swing inwards.

The EMS compartment shall be furnished with an 18" On Scene "Night Axe" LED compartment light mounted on one of the door opening corners. An automatic door switch shall activate the compartment light.

Each EMS compartment exterior, interior, and shelves shall be coated with a Multi-Spec finish to match the color of the interior chassis cab.

ALUMINUM MOUNTING PLATE ON ENGINE TUNNEL

A 3/16" aluminum mounting plate shall be on the top of the chassis engine tunnel for the mounting of equipment. The plate shall be mounted on 1" spacers. The plate shall be mounted on the flat portion of the engine tunnel as well as having the officer side area sloped up to the dash. The sides, front, and back of the plate shall be bent over to keep items from sliding under the plate.

The mounting plate shall have a black bed liner finish.

12V POWER LEAD DROP

One (1) 12-volt power lead drop shall be provided. The power lead drop shall consist of one (1) hot and one (1) ground wire run from the batteries to the specified location. The power lead drop shall be battery direct and have a minimum of a 20 amp fuse provided with the power circuit.

The outlet shall be located inside the chassis cab, on the back of the engine tunnel.
The exact location will be determined by the apparatus manufacturer, unless a specific location is clarified in the shop note.

Shop Note: The location will be under the rear of the engine tunnel mounting plate.

12V POWER LEAD DROP

One (1) 12-volt power lead drop with a 12-position Blue Sea Systems ST Blade ATO style fuse block with

cover shall be provided. The power lead drop shall consist of one (1) hot and one (1) ground wire run to the ignition. The power lead drop shall be activated by the chassis ignition switch and have a minimum of a 30 amp fuse provided with the power circuit. The distribution panel shall be designed with a grounding pad and compact, lightweight construction. The distribution panel shall be capable of using ATC/ATO blade fuses or ATC style DC circuit breakers.

The outlet shall be located inside the chassis cab, behind the driver's seat on the side of the engine tunnel.Â

12V POWER LEAD DROP

One (1) 12-volt power lead drop with a 12-position Blue Sea Systems ATO style fuse block with cover shall be provided. The power lead drop shall consist of one (1) hot and one (1) ground wire run from the batteries to the specified location. The power lead drop shall be hot always and have a minimum of a 30 amp fuse provided with the power circuit. The distribution panel shall be designed with a grounding pad and compact, lightweight construction. The distribution panel shall be capable of using ATC/ATO blade fuses or ATC style DC circuit breakers.

The outlet shall be located inside the chassis cab, behind the officer's seat on the side of the engine tunnel.

TEHAMA COUNTY FIRE DEPARTMENT

2027 SMEAL WILDLAND URBAN INTERFACE PUMPER BID SPECIFICATIONS

WATER TANK

The apparatus shall be equipped with a United Plastic Fabricating 700 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 UPFÂ® water tank shall be constructed of 1/2" thick PT2Eâ„¢ polypropylene sheet stock. This material shall be a non-corrosive stress relieved thermoplastic, black in color, and U.V. stabilized for maximum protection.

BOOSTER TANK

The booster tank shall be of a specific configuration and shall be so designed to be completely independent of the body and compartments. All joints and seams shall be nitrogen welded and tested for maximum strength and integrity. The top of the booster tank shall be fitted with removable lifting eyes designed with a 3 to 1 safety factor to facilitate easy removal.

TANK BAFFLES

The transverse swash partitions shall be manufactured of 3/8" PT2Eâ„¢ polypropylene (natural in color) and extend from approximately 4" off the floor to just under the cover. The longitudinal swash partitions shall be constructed of 3/8" PT2E polypropylene (natural in color) and extend to the floor of the tank through the cover to allow for positive welding and maximum integrity. 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. All swash partitions shall interlock with one another and be welded to each other as well as to the walls of the tank.

TANK SUMP

There shall be one (1) sump in the bottom of the water tank. The sump shall be constructed of 1/2" polypropylene and shall be located in the left front quarter of the tank. On all tanks that require a front suction, a 4" schedule 40 polypropylene pipe shall be installed that will incorporate 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. All tanks shall have an anti-swirl plate located approximately 2" above the sump to pre-vent air from being entrained in the water while pumping.

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 lid shall be constructed of 1/2" thick PT2Eâ„¢ polypropylene to incorporate a multi three-piece locking design that allows for individual removal and inspection if necessary. The tank lid shall be recessed 3/8" from the top of the tank and shall be welded to both sides and longitudinal partitions for maximum integrity. Each one of the lids shall have hold downs consisting of 2" polypropylene dowels spaced a maximum of 30" apart. These dowels shall extend through the covers and shall assist in keeping the covers rigid under fast filling conditions. A minimum of two lifting dowels shall be drilled and tapped 1/2" x 13" to accommodate the lifting eyes.

Shop Note: There will be a minimum of 28" between the water tank fill tower and the foam fill tower. The foam fill tower can be moved as necessary by Engineering.

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.

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.

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" PT2E 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 PT2E polypropylene hinged-type cover.

Shop Note: There will be a minimum of 28" between the water tank fill tower and the foam fill tower. The foam fill tower can be moved as necessary by Engineering.

WATER TANK LEVEL GAUGE

One (1) Fire Research, model WLA300-A00, TankVision Pro 300 water tank level gauge shall be provided on the pump operator's control panel.

The gauge shall have nine (9) easy to see super bright RGB LEDs to show the tank volume. The display shall use a two-dimensional, two-element lens to refract the light from the LEDs to provide full 180° visibility for the level indication. The gauge shall start to flash when the tank volume is at 1/4 tank or less and use down scrolling LEDs to alert the pump operator when the tank is almost empty.

WATER TANK LEVEL GAUGE IN CAB

One (1) remote mounted Fire Research, model WLA205-A00, mini TankVision water tank level gauge shall be provided in the chassis cab. The additional water tank level gauge shall be connected to the master water tank gauge on the pump panel.

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 Fire Research 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.

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.

FOAM CELL

One (1) United Plastic Fabricating (UPF) 30 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.

The foam cell shall be designed for use with Class "A" foam.

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.

Shop Note: There will be a minimum of 28" between the water tank fill tower and the foam fill tower. The foam fill tower can be moved as necessary by Engineering.

FOAM CELL LEVEL GAUGES

There shall be two (2) Fire Research, model WLA360-A00, TankVision Pro 300 foam tank level gauges provided. The gauges shall be located one (1) on the driver side pump operator's control panel, and one (1) on the officer's side of the pump module as depicted in the signed off pump panel drawing. Each side shall have a label that indicates it is for the foam cell that contains the class A foam.

The gauges shall have nine (9) super bright RGB LEDs to show the tank volume. The displays shall use a two-dimensional, two-element lens to refract the light from the LEDs to provide full 180° visibility for the level indication. The gauges shall use a pressure transducer installed near the bottom of the foam tank to determine the correct volume in the tank. The gauges shall be self-calibrating by filling the tank at a steady flow rate. Self-diagnostics capabilities shall be standard on the gauges. The gauges shall start to flash when the tank volume is at 1/4 tank or less and use down scrolling LEDs to alert the pump operator when the tank is almost empty.

TEHAMA COUNTY FIRE DEPARTMENT

2027 SMEAL WILDLAND URBAN INTERFACE PUMPER BID SPECIFICATIONS

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

The hose bed shall contain the following hose load:

Shop Note: Hose load from left to right: 200' of 1-3/4", divider, 800' of 4", Divider, 800' of 2-1/2", divider, single stack 200' of 2-1/2".

The Hose Bed shall have a capacity of 200' of 1-3/4" double jacket hose.

All hose load calculations are estimated using Snap-Tite standard hose.

The Hose Bed shall have a capacity of 600' of 5" double jacket hose.

All hose load calculations are estimated using Snap-Tite standard hose.

The Hose Bed shall have a capacity of 800' of 2-1/2" double jacket hose.

All hose load calculations are estimated using Snap-Tite standard hose.

The Hose Bed shall have a capacity of 200' of 1-3/4" double jacket hose.

All hose load calculations are estimated using Snap-Tite standard hose.

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.

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.

Shop Note: There shall be a hose bed flap on the back of the hose bed that is under the ladder rack. It will be red with "C" channel on top, and "J" hooks and footman's loops on the bottom.The straps sewn into the flaps need to be red as well, not black.The vinyl flaps will not be cut for the backboard storage area. The storage will be behind the flaps.

HOSE BED DIVIDERS

Three (3) 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.

Shop Note: The left side divider in the hose bed will be 22" tall. The other two (2) dividers will be full height.

HOSE BED LOADING LIGHTS

Two (2) On Scene, Night Axe, hose bed loading lights shall be provided to illuminate of the hose bed area in accordance with NFPA, current edition. The lights shall be a 9" tube light with a chrome housing. Two (2) shall be located as deemed best by the body builder unless stated in the shop note. The hose bed lighting circuit shall be activated when the parking brake is engaged.

HOSE BED WALL - ADDITIONAL

There shall be a full inner panel installed on the officer side of the hose bed, that shall eliminate the kick out at the rear where fittings get hung up. The panel shall be full height and full length, and shall be painted to match the hose bed interior.

HOSE BED

There shall be a hose storage area between the right side of the hose bed sidewall and the left of the upper side compartments under the hydraulic ladder rack. The hosebed area shall have a hinged treadbrite cover for ease of loading and unloading hose. The floor of the hosebed area shall be covered with Dura-Dek fiber re-inforced plastic material.

Shop Note: The hose storage area under the ladder rack will be 7.5" wide.

TEHAMA COUNTY FIRE DEPARTMENT

2027 SMEAL WILDLAND URBAN INTERFACE PUMPER BID SPECIFICATIONS

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 96 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 any 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.

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.

The inner door face shall have a maintenance free abraded finish.

DOOR HANDLES

All six (6) side compartment lap doors shall have locking door handles with keys provided. Each lock shall match the same key.

Shop Note: All locking compartment doors shall have a 1250 style lock.

PULL DOWN STRAP

Two (2) horizontally hinged lap doors shall be equipped with a heavy duty pull down straps attached to the door to aid in closing it.

Specify in help text which doors the strap will be installed.

Shop Note: Pull down straps for the L2/R2 compartment doors.

REAR COMPARTMENT DOOR

One (1) vertically hinged lap type compartment double door shall be installed on the T1 compartment face. The 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 ensure 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".

The compartment door handle shall be a locking stainless steel recessed "D" ring type handle. There shall be a safety latch with a striker plate included with the door handle assembly.

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.

The inner door face shall be coated with bed liner material matching the compartment interior.

Driver's Rear Compartment Transverse Across to Officer's Rear Compartment

There shall be a transverse compartment stretching from the back wall of the rear driver's side compartment to the back wall of officer's side compartment. The transverse compartment is specific to each configuration and must be documented in the compartment layout for both rear compartments to approve this option. The transverse compartment is not a bolt in compartment.

BODY COMPARTMENT LIGHTING

A total of eleven (11) On-Scene Access Series LED compartment lights shall be installed in the body compartments. Each light shall be enclosed within a tough waterproof Lexan tube enclosure and offer 400 lumens per 18" of light and an adjustable beam angle. The lights shall have a five (5) year replacement warranty.

Shop Note: L2, L3, R3, and T1 shall each have two (2) compartment lights.

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.

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.

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.

The rear compartment may utilize a stainless steel sill protector, it will be based on the design of the unit.

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.

Fuel Tank Vent Line

The fuel fill vent line shall be attached to the hose barb using a hose clamp.

STANDARD WHEEL WELL STORAGE

The wheel well area of the apparatus shall be designed to additional components.

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: 62"
- Width: 28"
- Depth: 14" Upper and 23" Lower
- Intermediate Divide Height: 27"

L1 Components

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.

FLOOR MOUNTED ROLL OUT TRAY

One (1) roll out equipment tray shall be installed on the floor of the compartment. The tray shall be equipped with an Austin Hardware drawer slide. The roller assembly shall have a rated capacity of 300 lbs. distributed load and shall have 100% extension capability. The tray shall be constructed of 3/16" aluminum sheet with 3" lips. The tray shall have an abraded finish and shall be equipped with a locking slide in order to hold the tray in either a fully extended or closed position. The tray shall be equipped with the Austin Hardware front drawer release system which allows for one handed operation of the system.

MOUNTING SURFACES

One (1) PAC TRAC tool mounting section shall be installed on the back wall of the compartment and "shall not" utilize strut channels. The PAC TRAC section shall be constructed of 7/8" thick 6063-T5 extruded aluminum and be spaced Â½" off the back wall.

One (1) PAC TRAC tool mounting section shall be installed on the forward wall of the compartment and "shall"

utilize existing strut channels. The PAC TRAC section shall be constructed of 7/8" thick 6063-T5 extruded aluminum.

One (1) PAC TRAC tool mounting section shall be installed on the rearward wall of the compartment and "shall" utilize existing strut channels. The PAC TRAC section shall be constructed of 7/8" thick 6063-T5 extruded 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.

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: 30"
- Width: 66"
- Depth: 14" Upper and 14" Lower
- Intermediate Divide Height: 0"

L2 Components

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.

Shop Note: Shelf shall attach to the vertical partition and will be rearward of the partition.

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.

Shop Note: Shall be installed forward of the vertical partition.

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.

Shop Note: Shall be installed on the rearward face of the partition and the rearward bulk head.

One (1) bolt-in vertical partition shall be installed in the standard height compartment. The partition shall match the compartment interior.

Shop Note: Shall be 37" from front bulkhead

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: 58"
- Width: 32"
- Depth: 14" Upper and 92" Lower
- Intermediate Divide Height: 23"

L3 Components

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.

The upper portion of the transverse in L3 shall be trimmed to give the transverse portion of the compartment 28" of height. This will be done the same way we did it on S4881.

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.

DRIVER'S SIDE REAR WHEEL WELL POSITION - WL1

A single extinguisher/water can compartment shall be installed in the forward portion of the rear wheel well area, on the driver's side. The compartment shall be large enough to hold an extinguisher/water can up to 9" in diameter, with sufficient space for the discharge tube. 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 be painted primary body color.

DRIVER'S SIDE REAR WHEEL WELL POSITION - WL3

A two (2) air bottle compartment 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 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 be painted primary body color.

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: 62"
- Width: 28"
- Depth: 14" Upper and 23" Lower
- Intermediate Divide Height: 27"

R1 Components

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.

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.

FLOOR MOUNTED ROLL OUT TRAY

One (1) roll out equipment tray shall be installed on the floor of the compartment. The tray shall be equipped with an Austin Hardware drawer slide. The roller assembly shall have a rated capacity of 300 lbs. distributed load and shall have 100% extension capability. The tray shall be constructed of 3/16" aluminum sheet with 3" lips. The tray shall have an abraded finish and shall be equipped with a locking slide in order to hold the tray in either a fully extended or closed position. The tray shall be equipped with the Austin Hardware front drawer release system which allows for one handed operation of the system.

Shop Note: The tray will be as wide as possible.

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.

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: 30"
- Width: 43"
- Depth: 14" Upper and 14" Lower
- Intermediate Divide Height: 0"

R2 Components

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.

MOUNTING SURFACE

One (1) PAC TRAC tool mounting section shall be installed on the back wall of the compartment. The PAC TRAC section shall be constructed of 7/8" thick 6063-T5 extruded aluminum.

Shop Note: To be spaced 1/2" off the back wall

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 portio

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: 58"
- Width: 32"
- Depth: 14" Upper and 92" Lower
- Intermediate Divide Height: 23"

R3 Components

Due to the size of this compartment door it shall be interlocked with the hydraulic ladder rack.

MOUNTING SURFACES

One (1) PAC TRAC tool mounting section shall be installed on the back wall of the compartment and "shall not" utilize strut channels. The PAC TRAC section shall be constructed of 7/8" thick 6063-T5 extruded aluminum and be spaced Â½" off the back wall.

One (1) PAC TRAC tool mounting section shall be installed on the forward wall of the compartment and "shall" utilize existing strut channels. The PAC TRAC section shall be constructed of 7/8" thick 6063-T5 extruded aluminum.

OFFICER'S SIDE REAR WHEEL WELL POSITION - WR1

A single extinguisher/water can compartment shall be installed in the forward portion of the rear wheel well area, on the officer's side. The compartment shall be large enough to hold an extinguisher/water can up to 9" in diameter, with sufficient space for the discharge tube. 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 be painted primary body color.

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 be painted primary body color.

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. The tubes provided shall be painted body color to match.

Shop Note: Change the ladder rack to be enabled with the parking brake. No switches.

A cover shall be installed on the hydraulic equipment rack. The cover shall protect the lifting mechanism of the equipment rack when in the up and stored position. The cover shall be painted to match the body color and shall have no acorn nuts showing on the outside face of the cover.Â This is a special design.

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.

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.

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: 42"
- Depth: 19"

T1 Components

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.

Shop Note: The adjustable shelf and struts will be in the far upper portion only, and the shelf will be adjustable from the ceiling to the top door opening of T1.Cut short 6" front to back for easy access

FLOOR MOUNTED ROLL OUT TRAY

One (1) roll out equipment tray shall be installed on the floor of the compartment. The tray shall be equipped with an Austin Hardware drawer slide. The roller assembly shall have a rated capacity of 300 lbs. distributed load and shall have 100% extension capability. The tray shall be constructed of 3/16" aluminum sheet with 3"

lips. The tray shall have an abraded finish and shall be equipped with a locking slide in order to hold the tray in either a fully extended or closed position. The tray shall be equipped with the Austin Hardware front drawer release system which allows for one handed operation of the system.

COMPARTMENT STRUTS

Aluminum vertical strut channels shall be bolted into 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.

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.

TEHAMA COUNTY FIRE DEPARTMENT

2027 SMEAL WILDLAND URBAN INTERFACE PUMPER BID SPECIFICATIONS

STORAGE COMPARTMENT ON RIGHT FRONT

There shall be a storage compartment on the right front of the apparatus with a treadbrite door that hinges outward. The door shall utilize compression style latches to secure the door in the closed position. The compartment shall have through type storage.

Shop Note: Door/door openings to be as wide as possible.

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.

Shop Note: build similar to S5161.

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, 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 SCENEdots 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.

HINGED REAR DECK

The tailboard shall be constructed of 1/8" black bed liner coated aluminum tread plate. The center section of the tailboard shall maintain a depth of 18" from the left side of the hose bed to the right side of the hose bed and the outside corners to be chamfered towards the fire body. The bottom shall be constructed with 1/8" aluminum smooth plate to avoid catching. The tailboard shall be hinged with a latch provided to hold the tailboard in an upright position when desired.

The tailboard shall meet DOT commercial vehicle clearance lighting regulations while in the upright and down position. The electrical wiring for the tailboard lighting shall be hard wired.

The running board and tailboard shall not be less than 20-inches and not more than 24-inches in height from the ground when the fully loaded apparatus is parked on a level surface.

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 Grip Strut material.

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.

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.

RECEIVER TUBES

Two (2) square receiver tubes shall be provided. The receivers shall be located one each side of the apparatus. The receivers shall have a straight pull rating of 9,000#.

Transverse Tool Compartment

There shall be a transverse tool compartment stretching from the back wall of R3 to the back wall of L3. There shall be a 6"W x 8"T opening for the tool storage on each side and no retention methods. The storage shall be set 6" rearward of the forward bulkheads to give room for tools that shall be mounted on the inside faces of the L3 and R3 compartment doors. There shall be a horizontal divide that shall split the storage evenly top and bottom. There will be SS added around the openings as done on previous units.Â

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.

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.

BACKBOARD STORAGE

A storage compartment shall be provided under the driver's side hose bed door to store one (1) backboard. The compartment shall be fabricated out of aluminum and be equipped with two (2) straps to hold the backboard in the compartment.

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.

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. Each rod shall have a square end that shall match up with the square receiver in the rear step for pinning. The last 8" of the SS pole shall have a 45-degree bend to keep hose from falling off.

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.

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.

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.

ADDITIONAL HARDWARE

A bag of stainless steel nuts, bolts, and washers shall be supplied with the apparatus for mounting of equipment.

FRONT TREAD PLATE OVERLAYS

A tread plate overlay shall be located on the front vertical areas of each side of the apparatus body.

And if applicable, a tread plate overlay shall be located on the rear face of each outrigger housing.

The overlays shall be located on the front of the body compartments.

REAR TREAD PLATE OVERLAYS

Aluminum tread plate overlays shall be installed on the inside facing sides of the driver's side and officer's side recessed area on the rear of the apparatus. Overlays shall be totally insulated from the apparatus with nylon shoulder washers that extend into the hole that is drilled into the body. Stainless steel cap nuts shall be employed where bolts may damage equipment or cause injury. After painting and final construction, overlays shall be additionally sealed at the edges with a caulking compound.

FRONT BODY STEPS AND LIGHTING

Three (3) Innovative Controls folding steps (3004234-19-1-1-1-1-0) 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 Smeal Logo, a LED step light module and a bottom down-light module.

FRONT BODY STEPS AND LIGHTING

Three (3) Innovative Controls folding steps (3004234-19-1-1-1-1-0) 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.

Each step shall be a backlit polydomed Smeal Logo, a LED step light module and a bottom down-light module.

REAR STEPS

Four (4) Innovative Controls folding steps (3004234-19-1-1-1-1-0) shall be located on the rear of the apparatus. The folding steps shall have two large open slots to prevent the buildup of ice or mud and to provide a handhold 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. 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.

Each step shall be a backlit polydomed Smeal Logo, a LED step light module and a bottom down-light module.

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 with a 9" On Scene Access light in a polished bezel.

BACKLIT HANDRAILS

All handrails, unless otherwise stated, shall be constructed of knurled aluminum with white colored LED backlighting. All railing shields and brackets shall be chrome plated and shall be bolted to the body with stainless steel bolts. The lower bracket on all vertical handrails shall have a drain hole drilled in it at the lowest point.

The following handrails shall be provided on the apparatus:

A vertical handrail shall be installed above the officer's side of the pump panel.

A horizontal handrail shall be installed above the officer's side pump panel.

A handrail shall be installed forward on the top of the body, on the driver's side.

A handrail shall be installed on the top officer's side front of the body.

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.

RECESSSED STEP UPPER LEFT REAR

One (1) Austin Hardware, AC10119, step shall be mounted in the upper driver side rear, inner recessed portion of the body. This step shall be installed into a notch so that it will be flush with the outside face of this area. The notch shall be fabricated from tread plate material to match the inner recessed area. When the step is in the folded down position, the distance from the top of the left side riser, to the top of the step where you actually step, shall be between 16 to 17 inches.

A handrail shall be installed on top of the hose bed on the officer's side rear.

A handrail shall be installed on top of the driver side rear body, and positioned front to back like previous units.

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.

Ladder rack activated with to the parking brake. No switches.

Wire an interlock to R3 door so ladder rack non-operable if the door is open.

The following ground ladders shall be supplied with the apparatus:

Shop Note: Ladder rack enable to the parking brake. No switches.Wire an interlock to R3 door so ladder rack non-operable if the door is open.

One (1) Duo-Safety, model 900-A, 24' aluminum two-section extension ladder shall be provided.

One (1) Duo-Safety, model 775-A, 14' aluminum roof ladder with folding roof hooks shall be provided.

One (1) Duo-Safety, model 585-A, 10' aluminum folding ladder shall be provided.

ENCLOSED ATTIC LADDER STORAGE

There shall be an enclosed attic ladder storage box installed on the hydraulic ladder rack. The box shall be fabricated from aluminum treadbrite material. There shall be a hinged door on the rear of the box for access to the ladder.

PIKE POLE STORAGE

Three (3) aluminum tubes for the storage of pike poles shall be installed on the officer's side hydraulic equipment rack.

HARD SUCTION HOSE STORAGE

Two (2) hard suction enclosed hose trays shall be located inside the body, behind the driver's side header, each with the capacity to store one (1) 10' section of hard suction hose. Access to the hard suction hoses shall be from the rear of the apparatus through a single hinged painted aluminum door.

Shop Note: Shall accommodate 5" hose w/ 4-1/2" rocker lug couplings. No stop to be installed on front of storage area.

There shall be two (2) wheel chock compartments installed in the pump module, one (1) on each side. Each compartment shall be capable of storing one wheel chock.

Each compartment door, interior and flange shall be constructed out of smooth aluminum material and coated in black bed liner material. The doors shall have a rubber gaskets in order to create a 100% seal to protect the interior of each compartment.

WHEEL CHOCKS

One (1) pair of Cast Products, model TMC1008-4, wheel chocks shall be provided with the apparatus.

TEHAMA COUNTY FIRE DEPARTMENT

2027 SMEAL WILDLAND URBAN INTERFACE PUMPER BID SPECIFICATIONS

PUMP COMPARTMENT

The complete apparatus pump compartment shall be constructed of a combination of structural tubing and formed sheet metal. The same materials used in the body shall be utilized in the construction of the pump compartment. The structure shall be welded utilizing the same A.W.S. Certified welding procedure as used on the structural body module. These processes shall ensure the quality of structural stability of the pump compartment module.

There shall be a tread plate overlay installed on the forward portion of the pump module. The center area will have an opening to access the pump for maintenance purposes.Â If a pump compartment heater is selected, there shall also be a screw on tread plate panel installed to close the center access area.

The pump compartment module shall be separated from the apparatus body with a gap. This gap is necessary to accommodate the flexing of the chassis frame rails that are encountered while the vehicle is in transit so that harmful torsional forces are not transmitted into the structural framework.

The pump module substructure shall be mounted above the frame to allow independent flexing to occur between the body and the chassis. Each assembly shall be mounted to the chassis frame rails with steel, gusseted mounting brackets. Each pump compartment mount bracket shall be mounted to the side chassis frame flange.

Each assembly shall have a two-part rubber vibration isolator. The isolator shall be of a specific durometer to carry the necessary loads of the pump module. The quantity of mounts utilized shall correspond directly to the anticipated weight being supported.

There shall be no welding to the chassis frame rail sides, web or flanges, or drilling of holes in the top or bottom frame flanges between axles. All pump module to chassis connections shall be bolted so that in the event of an accident, the body shall be easily removable from the truck chassis for repair or replacement.

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.

FRONT PUMP ACCESS PANEL

A tread plate access door shall be provided on the front of the pump module for access to the pump module. The pump panel access door shall be fastened with four (4) snap latches, with a hat channel section along the bottom edge, for quick removal of the panel and access to the pump, plumbing and pump module for maintenance.

DRIVER'S SIDE RUNNING BOARD

An integral running board shall be installed on the driver'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 and pump compartment. 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) sets of black seat belt style straps provided with the storage well. The female ends will be attached on the body and the male ends will be attached on the running board.

Shop Note: The forward outboard corner of the running board will have a 45 degree angled cut.The hose wells on both sides of the pump module will be built as long as possible without interfering with any of the drain controls.

OFFICER'S SIDE RUNNING BOARD

An integral 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 and pump compartment. 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) sets of black seat belt style straps provided with the storage well. The female ends will be attached on the body and the male ends will be attached on the running board.

Shop Note: The forward outboard corner of the running board will have a 45 degree angled cut.The hose wells on both sides of the pump module will be built as long as possible without interfering with any of the drain controls.

The hose wells on each side of the pump module need shall be coated with Black Bed Liner.

TREAD PLATE DUNNAGE COMPARTMENT

A dunnage compartment shall be located above the pump module. The dunnage compartment floor shall be constructed of tread plate.

OFFICER'S SIDE ACCESS PANEL

There shall be a vertically hinged painted aluminum access panel on the upper portion of the officer's side of the pump module to allow access to the Auxiliary Pump. The panel shall be of the single pan design and shall be positively latched in the closed position utilizing a compression latch. The panel shall have high-definition precision cuts of a minimum of 380 square inches to allow proper airflow. A gas strut shall be provided on the panel. An aluminum sill protector shall be installed on the bottom of the panel opening to protect the paint from chipping and scratching. The panel shall be wired into the door-ajar warning light circuit.

REEL REWIND VIEWING AREA

There shall be a window cut into the side of the pump module for viewing of the reel during the rewinding process

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 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 made from aluminum and coated with black bedliner for maximum resistance to abrasion and to minimize glare. The material shall be capable of withstanding the effects of extreme temperatures and weather. The tubular structure shall be overlaid on each side of the pump compartment underneath the access panels and shall be made of aluminum and finish coated with black bedliner.

GARNISH RING BEZEL ASSEMBLIES POLISH STAINLESS STEEL

Polished stainless steel intake and discharge garnish rings shall be installed on the apparatus.

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.

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.

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.

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.

MIDSHIP MOUNT FIRE PUMP

The pump shall be a Waterous CSU 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.

The pump shall be rated at 1500 gallons per minute.

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.

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.

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.

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 as per pump manufacture recommended guidelines; 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.

PUMP SHIFT

The pump shift shall be supplied and installed by the chassis manufacturer.

The pump system shift indicator lights in the chassis cab shall be supplied and installed by the chassis manufacturer.

The pump system shift indicator lights on the operator's panel shall be incorporated with the pump pressure governor.

PRESSURE GOVERNOR

A Fire Research Pump Boss Max pressure governor and control module kit shall be installed. The system shall include a control module, intake pressure sensor, discharge pressure sensor, and cables. The control module case shall be waterproof and have dimensions not to exceed 7-1/2" high by 3-5/8" wide. The control knob shall be 2" in diameter with no mechanical stops, have a serrated grip, and a red idle push button in the center. It shall not extend more than 2" from the front of the control module. The control LCD shall be 3.5" in size with a minimum brightness of 1000 nits and optically bonded to 3mm Borofloat Glass. Inputs for monitored engine information shall be a J1939 data bus or independent sensors. Outputs for engine control shall be on the J1939 data bus or engine specific signal wiring. Inputs to the control module from the pump discharge and intake pressure sensors shall be electrical.

The following continuous displays shall be provided:

- Engine RPM; shown on LCD screen
- Check engine and stop engine warning; shown on LCD screen
- Engine Oil pressure; shown on LCD screen
- Engine coolant temperature; shown on LCD screen
- Transmission Temperature; shown on LCD screen
- Battery voltage; shown on LCD screen
- Pressure and RPM operating mode LEDs
- Pressure / RPM setting; shown on LCD screen
- Throttle ready / Ok to Pump LEDs

The screen (LCD) message display shall show diagnostic and warning messages as they occur. It shall show monitored apparatus information, stored data, and program options when selected by the operator. LCD Screen and LED's intensity shall be automatically adjusted for day and night time operation.

The program shall store the accumulated operating hours for the pump and engine to be displayed with the push of a button. The kit shall monitor inputs and support audible and visual warning alarms for the following conditions:

- High Battery Voltage
- Low Battery Voltage (Engine Off)
- Low Battery Voltage (Engine Running)
- High Transmission Temperature
- Low Engine Oil Pressure
- High Engine Coolant Temperature
- Out of Water (visual alarm only)
- No Engine Response (visual alarm only)

The program features shall be accessed via push-buttons located on the front of the control module. A USB port shall be located at the rear of the control module to upload future firmware enhancements.

The governor shall operate in two control modes, pressure and RPM. No discharge pressure or engine RPM variation shall occur when switching between modes. A throttle ready and Ok to Pump LED shall light when the interlock signal is recognized. The governor shall start in pressure mode and set the engine RPM to idle. In pressure mode the governor shall automatically regulate the discharge pressure at the level set by the operator. In RPM mode the governor shall maintain the engine RPM at the level set by the operator except in the event of a discharge pressure increase. The governor shall limit a discharge pressure increase in RPM mode to a maximum of 30 PSI. Other safety features shall include recognition of low water and no water conditions with an automatic programmed response and a push button to return the engine to idle.

The pressure governor control module shall be programmed at installation for a specific engine.

INTAKE RELIEF VALVE

An Elkhart Brass intake relief valve with an adjustable range fromÂ 75 to 250 PSI,Â shall be installed on the suction side of the pump. The valve shall be the preset to 125 PSI (unless otherwise shop noted), 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".

PUMP PRIMING SYSTEM - MULTI-LOCATION

A Waterous, model VPO/VPOS, priming pump shall be included with the pump. The priming pump shall be an electrically driven rotary vane pump mounted firmly within the pump area. The pump shall be controlled from the pump operator's panel. An indicator light on the pump panel shall show when the primer motor is engaged. The pump shall be capable of creating suction and discharging water from a lift of 10 feet through 20 feet of suction hose of the appropriate size, in not more than 30 seconds starting with the pump dry. It shall be capable of developing a vacuum of 22 inches at an altitude of up to 1000 feet.

A Waterous, model VAP, vacuum activated priming valve shall be supplied with the pump. The valve shall open automatically when the priming system is activated. The valve shall be installed on the pump or mounted remotely.
A Waterous VAP priming valve installed on the auxiliary pump of the apparatus. The valve shall open automatically when the priming system is activated. The valve shall be activated from the pump panel.

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".

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 140º 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.

PAINT PUMP GRAY/PAINT INTAKES PRIMARY BODY COLOR

The pump body shall be painted with 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 High Solids polyurethane paint. The paint color shall be the same as the apparatus body.

PUMP MANUALS

Two (2) Pump Operation and Maintenance manuals shall be provided in digital format with the apparatus.

PUMP COOLING SYSTEM

A pump cooling system shall be provided on the apparatus. The cooling system shall keep 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 hose. The pump cooling lines shall be installed with one (1) line going from the discharge side of the water pump through a 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 pump cooling system valve shall be controlled on operators panel, and shall be clearly labeled, "Pump Cooler".

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, and discharge side foam proportioning system. The system shall be capable of handling 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 GPMÂ

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, current edition.

FOAM REFILL SYSTEM

The apparatus shall be equipped with a FoamPro single foam, electronic, automatic concentrate refill system. It shall be separate from the proportioning system to allow for simultaneous operations. The system shall be capable of handling Class A or Class B foam concentrate. The apparatus shall be plumbed from the externally accessed intake/ flush port to the foam cell. The external intake/flush connection shall be quick connect, cam-lock type and incorporated a check valve to prevent back flow. The refill line shall be positioned in the lower portion of the foam cell to minimize agitation. The refill operation shall be based on direct measurement of the concentrate level in the cell and the refill pump intake performance. The system must be capable of automatically stopping when the foam cell is full and warn the operator when the concentrate source is empty or any other conditions preventing flow occurs. The system shall be equipped and electronic control suitable for installation on the pump panel. Incorporated within the control shall be a microprocessor that receives input from the system while also monitoring foam concentrate pump output. An all bronze three-way valve shall be included to allow that operator to flush the system after use.

A 12-volt electric motor driven positive concentrate pump, with a minimum of 10 U.S. GPM @ 20 PSI rating, with concentrate viscosity exceeding 5500 CPS, shall be installed per manufacturer recommendations. A pump motor electronic driver shall receive signals from the computer control display and power the electric motor directly coupled to the concentrate pump. The system shall receive readings when the concentrate tank is full and stop operation to prevent overfill. The system shall terminate operations when flow is not detected on the intake side for twelve (12) seconds.

Shop Note: Install on RS pump panel.

FOAM PROPORTIONING SYSTEM TESTING

The foam proportioning system shall be tested and certified after final installation in accordance with NFPA, current edition.

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.

INNOVATIVE CONTROLS DISCHARGE GAUGES - 2-1/2" - 0-400 PSI

The discharge gauges on the apparatus shall be 2-1/2" (63mm) diameter Innovative Controls TC Series (Temperature Compensation) pressure gauges. The gauges shall have a glass-filled nylon case, a clear scratch-resistant lens, and a highly-polished stainless steel bezel. The gauge shall be fully-filled with a synthetic mixture to dampen shock and vibration, lubricate the internal mechanisms, prevent lens condensation, and ensure proper operation from 40° F to +160° F.

The gauges shall meet or exceed ASME B40.100 Grade B requirements with an accuracy of +/- 1.5% full scale and include an internal thermal expansion bladder that allows the gauge fill to expand in high temperature environments. The gauges shall also include a KEM-X Socket Saver diaphragm in the stem to eliminate freeze-up and contain a low temperature instrument oil that fills and protects the socket and bourdon tube.

Each discharge gauge shall include a line fitting and be installed into a proprietary chrome-plated Smeal decorative bezel that features an area for the installation of a discharge color-coding label.

The gauges shall display a range from 0 to 400 PSI with proprietary Smeal black markings on a white dial.

MASTER PRESSURE CENTER ASSEMBLY

The master gauges shall be installed on the pump panel no more than 6 inches apart in an integrated master pressure assembly that includes the two (2) master gauges, audible alarm, a test port manifold, a graphic overlay that identifies the master intake with burgundy and master discharge with black, verbiage to label the vacuum and pressure test ports and a decorative chrome-plated zinc mounting bezel. The test port manifold is solid cast brass with chrome-plated plugs and is plumbed to the master gauges.

The master intake and master discharge gauges shall be 4" (100mm) diameter Innovative Controls TC series (Temperature Compensation) pressure gauges. Each gauge shall have a glass-filled nylon case, a clear scratch-resistant lens, and a highly-polished stainless steel bezel. The gauge shall be fully-filled with a synthetic mixture to dampen shock and vibration, lubricate the internal mechanisms, prevent lens condensation, and ensure proper operation from 40° F to +160° F.

Each gauge shall meet or exceed ASME B40.100 Grade B requirements with an accuracy of +/- 1.5% full scale and include an internal thermal expansion bladder that allows the auge fill to expand in high temperature environments. The gauges shall also include a KEM-X Socket Saver diaphragm in the stem to eliminate freeze-up and contain a low temperature instrument oil that fills and protects the socket and bourdon tube.

The gauge on the left shall be the master pump intake gauge and display a range from -30 to 400 PSI with proprietary Smeal black markings on a white dial. The gauge on the right shall be the master pump discharge gauge and display a range from 0 to 400 PSI with proprietary Smeal black markings on a white dial.

HARDWARE BRAND

The non-Storz discharge and intake fittings provided on this apparatus shall be South Park Corp. Brand, if available. We reserve the right to change the brand of adapters to an equivalent product due to supplier availability. 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.

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 side stem, long stroke chrome plated lift 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.

The tank plumbing valves and controllers shall have the OEM Standard label package unless stated otherwise.The Pump-to-Tank Fill shall be labeled "TANK FILL" and shall have a light blue label color.The Tank-To-Pump shall be labeled "TANK TO PUMP" and shall have a Navy Blue label color.

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.

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: Controller shall be set to 'in' is open and 'out' is closed.

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.

One (1) 6" NH thread long handle chrome plated vented steamer cap, complete with a Smeal logo, shall be provided.

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.

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.

Shop Note: "Up" is open, and "Down" is closed.

One (1) 2-1/2" NH thread rocker lug chrome plated vented plug, complete with cable or chain, shall be provided.

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.

One (1) 6" NH thread long handle chrome plated vented steamer cap, complete with a Smeal logo, shall be provided.

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.

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.

Shop Note: "Up" is open, and "Down" is closed.

One (1) 2-1/2" NH thread rocker lug chrome plated vented plug, complete with cable or chain, shall be provided.

See label order form (required)

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.

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.

The discharge shall have a 2-1/2" (63mm) glass filled nylon 66 case TC series gauge with bezel and a display range from 0 to 400 PSI. The gauge shall have a black dial graphic and illuminated with red light.

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.

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.

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.

The discharge shall have a 2-1/2" (63mm) glass filled nylon 66 case TC series gauge with bezel and a display range from 0 to 400 PSI. The gauge shall have a black dial graphic and illuminated with red light.

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.

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.

The discharge shall be foam capable.

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.

The discharge shall have a 2-1/2" (63mm) glass filled nylon 66 case TC series gauge with bezel and a display range from 0 to 400 PSI. The gauge shall have a black dial graphic and illuminated with red light.

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.

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.

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, current edition. Opening and closing speed shall comply with the current NFPA standard to minimize effects of water hammer.

The discharge shall have a 2-1/2" (63mm) glass filled nylon 66 case TC series gauge with bezel and a display range from 0 to 400 PSI. The gauge shall have a black dial graphic and illuminated with red light.

There shall be one (1) South Park, model SE393040AC, 4" Female NST swivel rocker lug x 4" Male NST 30º elbow adapter provided.

There shall be one (1) South Park model A3748AC, 4" Female NST rocker lug x 4-1/2" Male NST rigid adapter provided. The adapter shall be manufactured from high quality brass that shall be polished to remove manufacturing irregularities with a chrome finish applied to the polished surface.

There shall be one (1) South Park model HCC2816AC, 4-1/2" NST vented rocker lug cap with chain provided. The cap shall be manufactured from high quality brass that shall be polished to remove manufacturing irregularities with a chrome finish applied to the polished surface.

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 in 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.

The main valve shall be controlled at the front bumper. A secondary isolation valve shall be located inside the pump module to shut down the discharge in the event of damage occurring in-line between the front bumper valve and the fire pump.

The discharge pressure gauge line shall be installed on the discharge side of the front bumper valve to show

accurate pressure on the gauge when the valve is open or closed.

The discharge shall be foam capable.

An Akron Brass, model 8820, 2" Swing-Out valve shall be provided and installed at the front bumper location. 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 front bumper location.

An Akron Brass, model 8825, 2-1/2" Swing-Out emergency isolation valve shall be provided and installed at the pump location. The valve shall be actuated by an Akron Brass, model TS manual actuator installed directly on the valve. The manual actuator shall be inside the pump module accessed from the officer's side pump panel through an access door. The valve shall be labeled as "Emergency Shut Off" on the pump panel. The control shall be set so that in is "open", and out is "closed".

The valves shall have all-brass bodies with flow optimizing stainless steel balls and dual polymer seats. The valves shall be capable of dual directional flow while incorporating a specially designed flow optimizing stainless steel balls. The valves 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 valves shall be manufactured and assembled in the United States. The valves shall carry a ten (10) year warranty by the valve manufacturer.

Shop Note: The front bumper emergency shut off shall have the controller shall be set 'in' as open, 'out' as closed.

The discharge shall have a 2-1/2" (63mm) glass filled nylon 66 case TC series gauge with bezel and a display range from 0 to 400 PSI. The gauge shall have a black dial graphic and illuminated with red light.

The discharge shall be designated as a pre-connect so no cap and chain shall be required.

1-1/2" REAR DISCHARGE (DRIVER SIDE)

A 1-1/2" discharge, with 2" plumbing, shall be located on the driver's side rear of the apparatus. The discharge shall terminate in male NH thread.

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.

The discharge shall have a 2-1/2" (63mm) glass filled nylon 66 case TC series gauge with bezel and a display range from 0 to 400 PSI. The gauge shall have a black dial graphic and illuminated with red light.

One (1) 1-1/2" female NH thread swivel rocker lug x 2-1/2" male NH thread 45 degree chrome plated elbow adapter shall be provided.

One (1) 1-1/2" NH thread rocker lug chrome plated vented cap, complete with cable or chain, shall be provided.

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.

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.

The discharge shall have a 2-1/2" (63mm) glass filled nylon 66 case TC series gauge with bezel and a display range from 0 to 400 PSI. The gauge shall have a black dial graphic and illuminated with red light.

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.

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.

The pre-connect hose beds shall be sized to accommodate the following hose load:

Shop Note: These need to be plumbed outboard as far as possible. They were too far towards the middle last time and difficult to reach from the ground.

The interior of the pre-connect hose bed shall have a maintenance free abraded finish.

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.

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.

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

CROSSLAY COVER

An 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 one full length stainless steel piano style hinge that shall attach the cover to the body. The cover shall be light yet rigid. Opening of 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.

END COVERS

A heavy duty end flap/cover shall be located on each end of the preconnected crosslays. The top of the end covers shall be connected to the tread plate top cover through a C-Rail channel. The bottom of the cover shall be connected using footman loop and J-Hooks with an adjustable buckle. The cover color shall be red.

Shop Note: The straps sewn into the covers need to be red as well. Not black.

Two (2) Spartan/Smeal, crosslay hose bed lights shall be provided to illuminate of the crosslay hose bed area in accordance with NFPA, current edition. The lights shall be a 9" tube light with a chrome housing. The lighting circuit shall be activated when the parking brake is engaged.

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.

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.

All hose load calculations are estimated using Snap-Tite standard hose.

The discharge shall be foam capable.

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.

The discharge shall have a 2-1/2" (63mm) glass filled nylon 66 case TC series gauge with bezel and a display range from 0 to 400 PSI. The gauge shall have a black dial graphic and illuminated with red light.

The discharge shall be designated as a pre-connect so no cap and chain shall be required.

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.

The 1-1/2" crosslay pre-connect shall have a capacity of 200' of 1-3/4" double jacket fire hose stored in a double stack.

All hose load calculations are estimated using Snap-Tite standard hose.

The discharge shall be foam capable.

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.

The discharge shall have a 2-1/2" (63mm) glass filled nylon 66 case TC series gauge with bezel and a display range from 0 to 400 PSI. The gauge shall have a black dial graphic and illuminated with red light.

The discharge shall be designated as a pre-connect so no cap and chain shall be required.

BOOSTER REEL

A Hannay aluminum fabricated electric rewind booster reel, with a capacity of 150' of 3/4" 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 installed.

Shop Note: The booster reel shall be a SBEF24-28-29-RT.

The booster reel shall be mounted above the pump in the dunnage compartment.

The discharge shall be foam capable.

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.

One (1) rubber covered push button switch shall be installed for the rewind control of the booster reel. The switch shall be located on the driver's side pump panel.

Shop Note: The rewind switch will be down on the driver's side pump panel near the primer.

The booster reel shall be equipped with an additional set of hose guide rollers above the L1 compartment.

Shop Note: Booster reel roller on driver's front corner of body will be a full Hannay roller assembly.

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 with a 3" Victaulic coupling.

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.

The discharge shall have a 2-1/2" (63mm) glass filled nylon 66 case TC series gauge with bezel and a display range from 0 to 400 PSI. The gauge shall have a black dial graphic and illuminated with red light.

EXTEND-A-GUN

One (1) Task Force Tips manual Extend-A-Gun, model XG18VL-XL, shall be supplied. The Extend-A-Gun

shall allow for an 18" extension of the waterway for the Crossfire monitor by lifting a quick release and raising or lowering the non-rotating pipe into a locked position. The extension shall have a 3" waterway, a hard coat anodized finish, and built-in sensors for connection to the open door alarm.

Shop Note: Will fit a dealer supplied and installed TFT Crossfire XFC-62.

A 9333 Navigator Pro Controller shall be mounted in the dunnage area by the deck gun.

The electric actuator shall be controlled by an Akron Brass, model 9333, Navigatorâ„¢ 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.

Shall have a tread plate protection cover.

TFT CROSSFIRE MONITOR PACKAGE

The following TFT Crossfire Monitor package shall be provided:

Monitor Top 1250 gpm, 2.5” NH Outlet – Model XFT-NJ
4 Stacked Tips with laser engraved flow charts, 2.5” NH – Model MST-4NJ
Crossfire Storage Bracket – Model XF-B
Automatic Pressure Nozzle, 2.5”NH, 150-1250 gpm flow range – Model M-R1250S-NJ
Extend-A-Gun - 3” Victaulic 18” extended position – Model XG18VL-XL
10” Stream Straightener, 2.5” NH – Model XF-SS10
Safe-Tak 1250 Portable Base with dual 2.5” NH inlets – Model XFH-2NJ

PROTECTION LINE

A protections line shall be in the dunnage area. One (1) 1-1/2" NST discharge with a swivel shall be installed above the pump in the dunnage compartment.Â The discharge shall be plumbed with a 2" Akron 8820 valve and 2" plumbing.Â Class 1 high pressure hose with stainless steel couplings shall be used in the plumbing of the discharge.Â The discharge shall be controlled with a TSC handle to allow the operator to shut off the protection line when not in use.

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.

Shop Note: A whip hose shall be added for the oil drain to make for easier servicing.

GEAR BOX DRAIN

There shall be a gear box drain installed for servicing the auxiliary pump. There shall be easy access to this drain.

There shall be a tread plate cover bar grate installed in the dunnage compartment area where the auxiliary pump location shall be.

The auxiliary pump shall be plumbed into the foam manifold of the main pump on the apparatus for pump and roll applications.

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.

Shop Note: Controller shall be set 'in' as open, 'out' as closed.

3" TANK-TO-PUMP

There shall be a 3" tank-to-pump plumbed with a Class 1 flexible hose from the tank to the suction side of the pump. There shall be an Akron Brass, model 8830, 3" Swing-Outâ„¢ 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 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.

There shall be a check valve 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 an Akron Brass, model R1 manual actuator. The manual actuator shall be controlled by an Innovative Controls push/pull T-handle.

Shop Note: Controller shall be set 'in' as open, 'out' as closed.

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

The priming system shall be connected to the main pump priming system.

COOLING LINE

A 3/8" 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.

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

The discharge shall have a 2-1/2" (63mm) glass filled nylon 66 case TC series gauge with bezel and a display range from 0 to 400 PSI. The gauge shall have a black dial graphic and pointer.

IN CAB CONTROLS - INNOVATIVE OVERLAY

An Innovative Industries overlay shall be installed on the controls for the auxiliary pump that are located inside the chassis cab.

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.

Shop Note: There will be an override button for the back up alarm in the V-MUX.

12-VOLT SYSTEMS TEST

After completion of the unit, the 12-volt electrical system shall undergo a battery of tests as listed in NFPA, current edition. 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.

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.

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.

REAR WORK LIGHT WIRING

The backup lights shall be wired to the rear work light switch. This switching circuit shall be deactivated when the parking brake is released. The lights shall also be activated when the transmission is placed in reverse.

CAB VMUX

Activation shall be tied to the VMUX.

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.

PERIMETER GROUND LIGHTING

Tecniq, model T44-WD0B-1, 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.

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.

REMOTE CONTROL SEARCH LIGHTS

There shall be two (2) Golight, model 20214GT, pedastal mount search lights installed on the apparatus. The lights shall provide 200,000 candle power of light output from a weather resistant LED lamp. The Golight shall be capable of 370° rotation and 135° tilt. The lights shall be equipped with a hard wired dash mount remote control located in the chassis cab. Lights shall be black in color.

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.

Shop Note: The rear view camera on the back of the body will be recess mounted below the step.The back up alarm shall have a disable position on the multiplex programming.

DOOR OPEN AUDIBLE ALARM

An audible alarm shall be provided and connected to the door open circuitry.

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-67D intercom shall accept up to six headsets, three 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 two (2) wired crew positions in the chassis cab.

Four (4) 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.

Two (2) 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.

Shop Note: The mounting location of the intercom head unit and the headset hooks, will be one for each the driver and officer. The two (2) crew positions will be located outboard of the two (2) inboard seating locations. One jack will be on the pump panel and one will be at the rear of the apparatus. The emergency switcher will be in the same location as S5261.

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.

Shop Note: Single prong style headset jack and a PPT button at this location.

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.

Shop Note: Single prong style headset jack and NO PTT button at this location.

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.

UPPER ZONE A

The upper zone A warning lights shall be supplied and installed by the chassis manufacturer.

DIMMING FEATURE

The body warning lights to be wired into the chassis warning light dimming feature.

The side and rear warning lights shall be controlled through a chassis supplied virtual button on the vehicle display and control screen.

The warning light dimmer will automatically reduce the brightness of the warning lights with Multiplex display screen "Dim" or "Night" dimmer setting and with the park brake set.

Some lights do not have the dimming capability and will be omitted from the programming. This option is for

Whelen 12v lighting only.

The dealer is responsible to ensure the proper chassis option(s) (Ref. 5422-020), to be compatible with this option are selected or they will be subject to a charge for the additional costs.

UPPER ZONE C

Two (2) Whelen L31 series Super-LED beacons shall be installed in Upper Zone C. The high profile 12v beacons shall incorporate thirty-two (32) Super-LEDs installed in sets of eight (8) on four (4) PC boards. The four (4) PC boards will be installed on a LED ballast. The beacons shall have an optic hard coated polycarbonate lens and a metalized reflector with clear optic collimators. The hard coated lens shall provide extended life/luster protection against UV and chemical stresses. The four (4) conformal coated PC boards shall provide additional protection against environmental elements. The beacons shall include 28 Scan-Lock patterns including four (4) simulated rotating patterns and synchronized features. The beacons shall also contain cruise mode and low power mode. The beacon dome lenses shall be sealed to a black powder coated die- cast aluminum base with an "O" ring gasket assembly. The solid state beacon light shall be vibration resistant.

The driver's and officer's side beacons shall both have red LED's and red lenses.

LOWER ZONE WARNING LIGHT PACKAGE

Four (4) 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, 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.

The lower zone warning lights shall all have red LED's and red lenses.

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.

Shop Note: There is a cutout and prewire in the center dash panel for the control head.

The traffic directional light shall be recess mounted in the rear of the hose bed doors.

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".

The officer side footswitch shall be installed on the floor like the S5098-99 units.

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.

The two (2) lights shall be installed on the rear face of the body, one (1) on each side.

The rear scene lights will be activated with the rear work light switch.

WHELEN 12V TELESCOPING SCENE LIGHTS

Two (2) Whelen, model PFH1P, Pioneer Plus Super-LED lights, each with Pole/Pedestal mount adapter on a side mount push-up pole, shall be installed on the apparatus.

Each light shall be Whelen Single Panel Pioneer Plus, model PFH1P, Super-LED floodlights. The rectangular extruded light fixture with die cast end caps shall measure 1013/16" wide by 9-3/4" high by 6-1/16" deep and have a black powder coat finish. Each light fixture shall have a single panel of (2) horizontal clusters of LEDs with a molded vacuum metalized reflector that draws 6.5 amps at 12 volts. The lights shall be mounted with an aluminum adapter plate attached to the pole with a switch box (switch not included) and a locking swivel joint with a 3/4" diameter NPT threaded base to allow the lights to be manually tilted up/down and locked in position by the operator. There shall be a removable handle standard on the lighthead. Each light shall have a Whelen lifetime warranty.

Each light shall be complete with one (1) Whelen Pioneer 3000 series side mount bottom adjust push-up pole. Each pole shall have 12" outer body and silver pole assembly with a 4C Internal input with a bottom wire exit. The poles length shall be determined by engineering based on location and application. The poles shall have a white powder coat finish. Each pole shall have silver powder coated stand-off 3" non-adjustable mounting brackets.

Shop Note: Telescoping lights shall be prioritized in the load management to shed after the AC system.

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.

Shop Note: Telescoping lights shall be positioned far enough outboard so crosslay cover shall be able to open without making contact.

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."

Shop Note: In Cab: Shall be labeled L/R Flood on VMUXPump Panel: Shall be tied to rockers for for LEFT and RIGHT Scene.

Each pole shall be complete with a cradle. In addition to the cradles there will be proximity switches installed to alert the driver that the light(s) are not in the stowed position. The lights will be wired to the door ajar screen.Â

120V RECEPTACLE

One (1) NEMA 5-20R, 120-volt, duplex, 3-wire, straight blade (household type) receptacle shall be installed on the apparatus and wired to the shoreline. The receptacle shall have a 20-amp rating and include a spring loaded weather resistant cover if mounted in an exterior location.

The receptacle shall be located in the T1 compartment.

Shop Note: Will be installed driver side in the T1 compartment and tucked up under the intermediate area notched for L3. The receptacle will face downwards.

120V RECEPTACLE

One (1) NEMA 5-20R, 120-volt, duplex, 3-wire, straight blade (household type) receptacle shall be installed on the apparatus and wired to the shoreline. The receptacle shall have a 20-amp rating and include a spring loaded weather resistant cover if mounted in an exterior location.

The receptacle shall be located in the T1 compartment.

Shop Note: Will be installed officer side in the T1 compartment and tucked up under the intermediate area notched for R3. The receptacle will face downwards.

TEHAMA COUNTY FIRE DEPARTMENT

2027 SMEAL WILDLAND URBAN INTERFACE PUMPER BID SPECIFICATIONS

CHASSIS PAINT

The single tone chassis cab shall be painted by the chassis manufacturer.

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 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.

The paint shall be a standard non-metallic - color.

BODY PAINT COLOR

The paint chip is the sole defining paint color; it overrules what is described in this spec.

The body shall be painted with High Solids Polyurethane Base Coat.

The single tone body shall be painted red to match cab.

PAINTED PUMP MODULE STRUCTURE OVERLAYS

PUMP HOUSE PAINT PREPARATION

Selected apparatus pump house components shall be metal finished as follows to provide a superior substrate for painting:

Selected aluminum sections of the pump house structure shall undergo a thorough cleaning process, starting with a phosphoric acid solution to begin the etching process, followed by a complete rinse.

The interior of the pump house will not be painted, nor shall the outboard facing exteriors of the tube structure.

The overlaid exterior driver's side and officer's side sheet aluminum panels will be painted primary body color. These panels will be buffed.

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 selected components shall be primed with a high solids primer and the seams shall be caulked.

PAINT PROCESS

The paint process shall follow the strict standards as set forth by the paint vendor's guidelines.

The selected components 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 selected components shall be coated with primer to achieve a total thickness of 2-4 mills.

In the second stage of the paint process, the selected components 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 selected components shall be painted with a Clear Top Coat. 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 components 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 cool down time, the coated exterior panel surfaces 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.

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.

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.

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 paint formula printed on the reverse side.

REFLECTIVE LETTERING - 3"

Up to twenty (20) reflective letters shall be provided and installed on the apparatus. The letters shall be approximately 3" tall with black outline and shadow.

REFLECTIVE LETTERING - 8"

Up to forty (40) reflective letters shall be provided and installed on the apparatus. The letters shall be approximately 8" tall with black outline and shadow.

REFLECTIVE LETTERING - 12"

Up to five (5) reflective letters shall be provided and installed on the apparatus. The letters shall be approximately 12" tall with black outline and shadow.

REFLECTIVE LETTERING - 18"

Up to six (6) reflective letters shall be provided and installed on the apparatus. The letters shall be approximately 18" tall with black outline and shadow.

REFLECTIVE LETTERING - 28"

Up to four (4) reflective letters shall be provided and installed on the apparatus. The letters shall be approximately 28" tall with black outline and shadow.

Shop Note: Retroreflective stickers that read: "112" shall be affixed on the raised portion of the chassis cab roof, centered in all directions. The font shall be all white and bold, with the minimum size to be 28-inches tall. The exact sticker location shall be determined at the Midpoint Inspection.

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.

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.

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, current edition.

The striping shall consist of:

- 6" retroreflective stripe

The striping shall be low across the front of the chassis and along the sides, staying below the tops of the wheel well areas.

The main stripe shall be white.

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, 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, current edition.

CHEVRON STRIPING - REAR BODY

Retroreflective striping shall cover at least 50% of the rear-facing vertical surfaces in accordance with NFPA, current edition. The striping shall be in a chevron pattern sloping downward and away front 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 and any other painted storage compartment doors. The T1 Compartment shall be excluded from the chevron pattern.

REFLECTIVE DECAL - AMERICAN FLAG

One (1) American flag reflective decal shall be installed on the apparatus. The flag will have a straight rectangular design.

Shop Note: Right rear of body officer side

TEHAMA COUNTY FIRE DEPARTMENT

2027 SMEAL WILDLAND URBAN INTERFACE PUMPER BID SPECIFICATIONS

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.

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.

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.

PLUMBING AND PIPING (STAINLESS STEEL) TEN (10) YEARS or 100,000 YEARS 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.

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.

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.

WATER TANK WARRANTY

The tank shall be complete with a lifetime warranty. The tank manufacturer shall mark the tank and furnish notice that indicates proof of warranty. Full details shall be provided in the complete warranty document.

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.

VEHICLE ..... PAGE 22
CAB AND CHASSIS ..... Yes☐ or No☐
COUNTRY OF SERVICE ..... Yes☐ or No☐
CAB AND CHASSIS LABELING LANGUAGE ..... Yes☐ or No☐
APPARATUS TYPE ..... Yes☐ or No☐
VEHICLE TYPE ..... Yes☐ or No☐
MAXIMUM OVERALL HEIGHT ..... Yes☐ or No☐
MAXIMUM OVERALL LENGTH ..... Yes☐ or No☐
WHEELBASE ..... Yes☐ or No☐
ANGLE OF APPROACH ..... Yes☐ or No☐
ANGLE OF DEPARTURE ..... Yes☐ or No☐
VEHICLE ANGLE OF APPROACH PACKAGE ..... Yes☐ or No☐
AXLE CONFIGURATION ..... Yes☐ or No☐
GROSS AXLE WEIGHT RATINGS FRONT ..... Yes☐ or No☐
GROSS AXLE WEIGHT RATINGS REAR ..... Yes☐ or No☐
PUMP PROVISION ..... Yes☐ or No☐
WATER & FOAM TANK CAPACITY ..... Yes☐ or No☐
CAB ..... PAGE 24
CAB STYLE ..... Yes☐ or No☐
OCCUPANT PROTECTION ..... Yes☐ or No☑
CAB FRONT FASCIA ..... Yes☐ or No☐
FRONT GRILLE ..... Yes☐ or No☐
CAB UNDERCOAT ..... Yes☐ or No☐
CAB SIDE DRIP RAIL ..... Yes☐ or No☐
CAB PAINT EXTERIOR ..... Yes☐ or No☐
CAB PAINT PROCESS/MANUFACTURER ..... Yes☐ or No☐
CAB PAINT PRIMARY/LOWER COLOR ..... Yes☐ or No☐
CAB PAINT PRIMARY/UPPER COLOR ..... Yes☐ or No☐
CAB PAINT WARRANTY ..... Yes☐ or No☐
CAB PAINT INTERIOR ..... Yes☐ or No☐
CAB ENTRY DOORS ..... Yes☐ or No☐
CAB ENTRY DOOR TYPE ..... Yes☐ or No☐
CAB INSULATION ..... Yes☐ or No☐
LEFT HAND MID EMS COMPARTMENT ..... Yes☐ or No☐
LEFT HAND MID EMS EXTERIOR ACCESS ..... Yes☐ or No☐
LEFT HAND MID EMS COMPARTMENT INTERIOR ..... Yes☐ or No☐
LEFT HAND MID EMS COMPARTMENT DOOR HARDWARE ..... Yes☐ or No☐

RIGHT HAND MID EMS COMPARTMENT ..... Yes☑ or No☐
RIGHT HAND MID EMS EXTERIOR ACCESS ..... Yes☑ or No☐
RIGHT HAND MID EMS COMPARTMENT INTERIOR ..... Yes☑ or No☐
RIGHT HAND MID EMS COMPARTMENT DOOR HARDWARE ..... Yes☑ or No☐
MID EMS COMPARTMENT LIGHTING ..... Yes☑ or No☐
MID EMS COMPARTMENT EXTERIOR FINISH ..... Yes☑ or No☐
MID EMS COMPARTMENT INTERIOR FINISH ..... Yes☑ or No☐
CAB STRUCTURAL WARRANTY ..... Yes☑ or No☐
ELECTRICAL POWER DISTRIBUTION ..... PAGE 29
ELECTRICAL SYSTEM ..... Yes☑ or No☐
OEM WIRING ..... Yes☑ or No☐
MULTIPLEX DISPLAY ..... Yes☐ or No☑
LOAD MANAGEMENT SYSTEM ..... Yes☑ or No☐
DATA RECORDING SYSTEM ..... Yes☑ or No☐
ACCESSORY POWER ..... Yes☑ or No☐
AUXILIARY ACCESSORY POWER ..... Yes☑ or No☐
EXTERIOR ELECTRICAL TERMINAL COATING ..... Yes☑ or No☐
ENGINE ..... Yes☐ or No☑
ENGINE ..... PAGE 30
CAB ENGINE TUNNEL ..... Yes☑ or No☐
DIESEL PARTICULATE FILTER CONTROLS ..... Yes☑ or No☐
ENGINE PROGRAMMING HIGH IDLE SPEED ..... Yes☑ or No☐
ENGINE HIGH IDLE CONTROL ..... Yes☑ or No☐
ENGINE PROGRAMMING ROAD SPEED GOVERNOR ..... Yes☑ or No☐
AUXILIARY ENGINE BRAKE ..... Yes☑ or No☐
AUXILIARY ENGINE BRAKE CONTROL ..... Yes☑ or No☐
ELECTRONIC ENGINE OIL LEVEL INDICATOR ..... Yes☑ or No☐
FLUID FILLS ..... Yes☑ or No☐
ENGINE DRAIN PLUG ..... Yes☑ or No☐
ENGINE WARRANTY ..... Yes☑ or No☐
REMOTE THROTTLE HARNESS ..... Yes☑ or No☐
ENGINE PROGRAMMING REMOTE THROTTLE ..... Yes☐ or No☐
ENGINE PROGRAMMING IDLE SPEED ..... Yes☐ or No☐
ENGINE AIR INTAKE ..... Yes☐ or No☐
COOLING ..... PAGE 33
ENGINE FAN DRIVE ..... Yes☐ or No☐
ENGINE COOLING SYSTEM ..... Yes☑ or No☐

ENGINE COOLING SYSTEM PROTECTION ..... Yes☐ or No☐
ENGINE COOLANT ..... Yes☐ or No☐
ELECTRONIC COOLANT LEVEL INDICATOR ..... Yes☐ or No☐
ENGINE PUMP HEAT EXCHANGER ..... Yes☐ or No☐
COOLANT HOSES ..... Yes☐ or No☐
ENGINE COOLANT OVERFLOW BOTTLE ..... Yes☐ or No☐

EXHAUST ..... PAGE 34
ENGINE EXHAUST SYSTEM ..... Yes☐ or No☐
DIESEL EXHAUST FLUID TANK ..... Yes☐ or No☐
ENGINE EXHAUST ACCESSORIES ..... Yes☐ or No☐
ENGINE EXHAUST WRAP ..... Yes☐ or No☐
EMISSIONS SYSTEMS WARRANTY ..... Yes☐ or No☐

TRANSMISSION ..... PAGE 35
TRANSMISSION ..... Yes☐ or No☐
TRANSMISSION MODE PROGRAMMING ..... Yes☐ or No☐
TRANSMISSION FEATURE PROGRAMMING ..... Yes☐ or No☐
ELECTRONIC TRANSMISSION OIL LEVEL INDICATOR ..... Yes☐ or No☐
TRANSMISSION SHIFT SELECTOR ..... Yes☐ or No☐
TRANSMISSION PRE-SELECT WITH AUXILIARY BRAKE ..... Yes☐ or No☐
TRANSMISSION COOLING SYSTEM ..... Yes☐ or No☐
TRANSMISSION DRAIN PLUG ..... Yes☐ or No☐
TRANSMISSION WARRANTY ..... Yes☐ or No☐

POWER TAKE OFF (PTO) ..... PAGE 37
PTO LOCATION ..... Yes☐ or No☐

DRIVELINE ..... PAGE 37
DRIVELINE ..... Yes☐ or No☐
MIDSHIP PUMP / GEARBOX ..... Yes☐ or No☐
MIDSHIP PUMP / GEARBOX MODEL ..... Yes☐ or No☐
MIDSHIP PUMP GEARBOX DROP ..... Yes☐ or No☐
MIDSHIP PUMP RATIO ..... Yes☐ or No☐
MIDSHIP PUMP LOCATION C/L SUCTION TO C/L REAR AXLE ..... Yes☐ or No☐
PUMP SHIFT CONTROLS ..... Yes☐ or No☐
PUMP SHIFT CONTROL PLUMBING ..... Yes☐ or No☐

FUEL SYSTEMS ..... PAGE 38
FUEL FILTER/WATER SEPARATOR ..... Yes☐ or No☐
FUEL LINES ..... Yes☐ or No☐
ELECTRIC FUEL PRIMER ..... Yes☐ or No☐
FUEL COOLER ..... Yes☐ or No☐

FUEL TANK ..... Yes☐ or No☐
FUEL TANK MATERIAL AND FINISH ..... Yes☐ or No☐
FUEL TANK STRAP MATERIAL ..... Yes☐ or No☐
FUEL TANK FILL PORT ..... Yes☐ or No☐
FUEL TANK SERVICEABILTY PROVISIONS ..... Yes☐ or No☐
FUEL TANK DRAIN PLUG ..... Yes☐ or No☐
FRONT AXLE ..... PAGE 39
FRONT AXLE ..... Yes☐ or No☑
FRONT AXLE WARRANTY ..... Yes☐ or No☐
FRONT WHEEL BEARING LUBRICATION ..... Yes☐ or No☐
FRONT SUSPENSION ..... PAGE 40
FRONT SHOCK ABSORBERS ..... Yes☐ or No☐
FRONT SUSPENSION ..... Yes☐ or No☐
STEERING ..... PAGE 40
STEERING COLUMN/ WHEEL ..... Yes☐ or No☐
ELECTRONIC POWER STEERING FLUID LEVEL INDICATOR ..... Yes☐ or No☐
POWER STEERING PUMP ..... Yes☐ or No☐
FRONT AXLE CRAMP ANGLE ..... Yes☐ or No☐
POWER STEERING GEAR ..... Yes☐ or No☐
CHASSIS ALIGNMENT ..... Yes☐ or No☐
REAR AXLE ..... PAGE 41
REAR AXLE ..... Yes☐ or No☐
REAR AXLE DIFFERENTIAL LUBRICATION ..... Yes☐ or No☐
REAR AXLE WARRANTY ..... Yes☐ or No☐
REAR WHEEL BEARING LUBRICATION ..... Yes☐ or No☐
REAR AXLE DIFFERENTIAL CONTROL ..... Yes☐ or No☐
VEHICLE TOP SPEED ..... Yes☐ or No☐
REAR SUSPENSION ..... PAGE 42
REAR SUSPENSION ..... Yes☐ or No☐
TIRES ..... PAGE 42
TIRE INTERMITTENT SERVICE RATING ..... Yes☐ or No☐
FRONT TIRE ..... Yes☐ or No☐
REAR TIRE ..... Yes☐ or No☐
REAR AXLE RATIO ..... Yes☐ or No☐
TIRE PRESSURE INDICATOR ..... Yes☐ or No☐
WHEELS ..... PAGE 42
FRONT WHEEL ..... Yes☐ or No☐
REAR WHEEL ..... Yes☐ or No☐

BALANCE WHEELS AND TIRES ..... Yes☐ or No☐
WHEEL TRIM ..... Yes☐ or No☐
WHEEL GUARDS ..... Yes☐ or No☐
BRAKES ..... PAGE 43
BRAKE SYSTEM ..... Yes☐ or No☐
FRONT BRAKES ..... Yes☐ or No☐
REAR BRAKES ..... Yes☐ or No☐
PARK BRAKE ..... Yes☐ or No☐
SUPPLEMENTAL BRAKE ..... Yes☐ or No☐
PARK BRAKE CONTROL ..... Yes☐ or No☐
REAR BRAKE SLACK ADJUSTERS ..... Yes☐ or No☐
AIR DRYER ..... Yes☐ or No☐
FRONT BRAKE CHAMBERS ..... Yes☐ or No☐
REAR BRAKE CHAMBERS ..... Yes☐ or No☐
AIR SUPPLY SYSTEMS ..... PAGE 44
AIR COMPRESSOR ..... Yes☐ or No☐
AIR GOVERNOR ..... Yes☐ or No☐
MOISTURE EJECTORS ..... Yes☐ or No☐
AIR SUPPLY LINES ..... Yes☐ or No☐
AIR INLET CONNECTION ..... Yes☐ or No☐
AIR INLET LOCATION ..... Yes☐ or No☐
AIR OUTLET CONNECTION ..... Yes☐ or No☐
PLUMBING AIR OUTLET CONNECTION ..... Yes☐ or No☐
AIR INLET/ OUTLET FITTING TYPE ..... Yes☐ or No☐
REAR AIR TANK MOUNTING ..... Yes☐ or No☐
FRAME ..... PAGE 45
WHEELBASE ..... Yes☐ or No☐
REAR OVERHANG ..... Yes☐ or No☐
FRAME ..... Yes☐ or No☐
FRAME CLEAR AREA ..... Yes☐ or No☐
FRAME PAINT ..... Yes☐ or No☐
FRAME WARRANTY ..... Yes☐ or No☐
BUMPER ..... PAGE 47
FRONT BUMPER ..... Yes☐ or No☐
FRAME MODIFICATION PROVISIONS ..... Yes☐ or No☐
FRONT BUMPER EXTENSION LENGTH ..... Yes☐ or No☐
FRONT BUMPER PAINT ..... Yes☐ or No☐
FRONT BUMPER APRON ..... Yes☐ or No☐

FRONT BUMPER DISCHARGE ..... Yes☐ or No☐
FRONT BUMPER COMPARTMENT CENTER ..... Yes☐ or No☐
MECHANICAL SIREN ..... Yes☐ or No☐
MECHANICAL SIREN LOCATION ..... Yes☐ or No☐
AIR HORN ..... Yes☐ or No☐
AIR HORN LOCATION ..... Yes☐ or No☐
AIR HORN RESERVOIR ..... Yes☐ or No☐
ELECTRONIC SIREN SPEAKER ..... Yes☐ or No☐
ELECTRONIC SIREN SPEAKER LOCATION ..... Yes☐ or No☐
FRONT BUMPER TOW EYES ..... Yes☐ or No☐
CAB TILT ..... PAGE 49
CAB TILT SYSTEM ..... Yes☐ or No☐
CAB TILT AUXILIARY PUMP ..... Yes☐ or No☐
CAB TILT LIMIT SWITCH ..... Yes☐ or No☐
CAB TILT CONTROL RECEPTACLE ..... Yes☐ or No☐
CAB TILT LOCK DOWN INDICATOR ..... Yes☐ or No☐
CAB GLASS ..... PAGE 50
CAB WINDSHIELD ..... Yes☐ or No☐
GLASS FRONT DOOR ..... Yes☐ or No☐
GLASS TINT FRONT DOOR ..... Yes☐ or No☐
GLASS REAR DOOR RIGHT HAND ..... Yes☐ or No☐
GLASS TINT REAR DOOR RIGHT HAND ..... Yes☐ or No☐
GLASS REAR DOOR LEFT HAND ..... Yes☐ or No☐
GLASS TINT REAR DOOR LEFT HAND ..... Yes☐ or No☐
CLIMATE CONTROL ..... PAGE 51
CLIMATE CONTROL ..... Yes☐ or No☐
CLIMATE CONTROL DRAIN ..... Yes☐ or No☐
CLIMATE CONTROL ACTIVATION ..... Yes☐ or No☐
HVAC OVERHEAD COVER PAINT ..... Yes☐ or No☐
A/C CONDENSER LOCATION ..... Yes☐ or No☐
A/C COMPRESSOR ..... Yes☐ or No☐
UNDER CAB INSULATION ..... Yes☐ or No☐
CAB INTERIOR ..... PAGE 52
INTERIOR TRIM ..... Yes☐ or No☐
INTERIOR TRIM FLOOR MAT ..... Yes☐ or No☐
REAR WALL INTERIOR TRIM ..... Yes☐ or No☐
HELMET RESTRAINTS - CAB MOUNTED ..... Yes☐ or No☐
HEADER TRIM ..... Yes☐ or No☐

TRIM CENTER DASH ..... Yes☐ or No☐
TRIM LEFT HAND DASH ..... Yes☐ or No☐
TRIM RIGHT HAND DASH ..... Yes☐ or No☐
TRIM RIGHT HAND DASH ACCESSORIES ..... Yes☐ or No☐
ENGINE TUNNEL TRIM ..... Yes☐ or No☐
POWER POINT DASH MOUNT ..... Yes☐ or No☐
AUXILIARY POWER POINT ENGINE TUNNEL ..... Yes☐ or No☐
STEP TRIM ..... Yes☐ or No☐
STEP TRIM KICKPLATE ..... Yes☐ or No☐
UNDER CAB ACCESS DOOR ..... Yes☐ or No☐
INTERIOR DOOR TRIM ..... Yes☐ or No☐
DOOR TRIM KICKPLATE ..... Yes☐ or No☐
DOOR TRIM CUSTOMER NAMEPLATE ..... Yes☐ or No☐
CAB DOOR TRIM REFLECTIVE ..... Yes☐ or No☐
CEILING MOUNTED READING / MAP LIGHT ..... Yes☐ or No☐
INTERIOR GRAB HANDLE "A" PILLAR ..... Yes☐ or No☐
INTERIOR GRAB HANDLE FRONT DOOR ..... Yes☐ or No☐
INTERIOR GRAB HANDLE REAR DOOR ..... Yes☐ or No☐
INTERIOR SOFT TRIM COLOR ..... Yes☐ or No☐
INTERIOR TRIM SUNVISOR ..... Yes☐ or No☐
INTERIOR FLOOR MAT COLOR ..... Yes☐ or No☐
CAB PAINT INTERIOR DOOR TRIM ..... Yes☐ or No☐
HEADER TRIM INTERIOR PAINT ..... Yes☐ or No☐
TRIM CENTER DASH INTERIOR PAINT ..... Yes☐ or No☐
TRIM LEFT HAND DASH INTERIOR PAINT ..... Yes☐ or No☐
TRIM RIGHT HAND DASH INTERIOR PAINT ..... Yes☐ or No☐
RIGHT HAND DASH ACCESSORIES INTERIOR PAINT ..... Yes☐ or No☐
FLOOR INTERIOR PAINT ..... Yes☐ or No☐
DASH PANEL GROUP ..... Yes☐ or No☐
SWITCHES CENTER PANEL ..... Yes☐ or No☐
SWITCHES LEFT PANEL ..... Yes☐ or No☐
SWITCHES RIGHT PANEL ..... Yes☐ or No☐

CAB SEATS ..... PAGE 56

SEAT BELT WARNING ..... Yes☐ or No☐
SEAT MATERIAL ..... Yes☐ or No☐
SEAT COLOR ..... Yes☐ or No☐
SEAT BACK LOGO ..... Yes☐ or No☐

DRIVER'S SEAT ..... Yes☐ or No☐
SEAT BACK DRIVER ..... Yes☐ or No☐
SEAT MOUNTING DRIVER ..... Yes☐ or No☐
OCCUPANT PROTECTION DRIVER ..... Yes☐ or No☐
OFFICER'S SEAT ..... Yes☐ or No☐
SEAT BACK - OFFICER ..... Yes☐ or No☐
SCBA SEAT BRACKET - OFFICER ..... Yes☐ or No☐
SEAT MOUNTING OFFICER ..... Yes☐ or No☐
OCCUPANT PROTECTION OFFICER ..... Yes☐ or No☐
SEAT BELT ORIENTATION CREW ..... Yes☐ or No☐
SEAT CREW FORWARD FACING – CENTER LOCATION ..... Yes☐ or No☐
SEAT BACK FORWARD-FACING – CENTER LOCATION ..... Yes☐ or No☐
SCBA SEAT BRACKET – CREW SEATS ..... Yes☐ or No☐
OCCUPANT PROTECTION - CREW ..... Yes☐ or No☐
SEAT FRAME FORWARD FACING - CREW ..... Yes☐ or No☐
SEAT FRAME FORWARD FACING STORAGE ACCESS ..... Yes☐ or No☐
SEAT MOUNTING FORWARD FACING CENTER ..... Yes☐ or No☐
CAB FRONT UNDERSEAT STORAGE ACCESS ..... Yes☐ or No☐
SEAT COMPARTMENT DOOR FINISH ..... Yes☐ or No☐
CAB EXTERIOR ..... PAGE 60
WINDSHIELD WIPER SYSTEM ..... Yes☐ or No☐
ELECTRONIC WINDSHIELD FLUID LEVEL INDICATOR ..... Yes☐ or No☐
CAB DOOR HARDWARE ..... Yes☐ or No☐
DOOR LOCKS ..... Yes☐ or No☐
DOOR LOCK LEFT HAND EMS COMPARTMENT ..... Yes☐ or No☐
DOOR LOCK RIGHT HAND EMS COMPARTMENT ..... Yes☐ or No☐
POWER DOOR LOCK COMPARTMENT ACTIVATION ..... Yes☐ or No☐
GRAB HANDLES ..... Yes☐ or No☐
AUXILIARY GRAB HANDLE ..... Yes☐ or No☐
REARVIEW MIRRORS ..... Yes☐ or No☐
REARVIEW MIRROR HEAT SWITCH ..... Yes☐ or No☐
EXTERIOR TRIM REAR CORNER ..... Yes☐ or No☐
CAB FENDER ..... Yes☐ or No☐
MUD FLAPS ..... Yes☐ or No☐
CAB EXTERIOR FRONT & SIDE EMBLEMS ..... Yes☐ or No☐
START / CHARGING SYSTEMS ..... PAGE 62
IGNITION ..... Yes☐ or No☐

BATTERY ..... Yes☐ or No☐
BATTERY TRAY ..... Yes☐ or No☐
BATTERY BOX COVER ..... Yes☐ or No☐
BATTERY CABLE ..... Yes☐ or No☐
BATTERY JUMPER STUD ..... Yes☐ or No☐
ALTERNATOR ..... Yes☐ or No☐
STARTER MOTOR ..... Yes☐ or No☐

LINE VOLTAGE ELECTRICAL POWER DISTRIBUTION ..... PAGE 63

BATTERY CONDITIONER ..... Yes☐ or No☐
BATTERY CONDITIONER DISPLAY ..... Yes☐ or No☐
ELECTRICAL INLET LOCATION ..... Yes☐ or No☐
ELECTRICAL INLET ..... Yes☐ or No☐
ELECTRICAL INLET CONNECTION ..... Yes☐ or No☐
ELECTRICAL INLET COLOR ..... Yes☐ or No☐

LIGHTING ..... PAGE 64

HEADLIGHTS ..... Yes☐ or No☐
HEADLIGHT LOCATION ..... Yes☐ or No☐
FRONT TURN SIGNALS ..... Yes☐ or No☐
SIDE TURN/MARKER LIGHTS ..... Yes☐ or No☐
MARKER AND ICC LIGHTS ..... Yes☐ or No☐
HEADLIGHT AND MARKER LIGHT ACTIVATION ..... Yes☐ or No☐
FOG LIGHTS ..... Yes☐ or No☐
FOG LIGHT LOCATION ..... Yes☐ or No☐
LIGHTBAR SWITCH ..... Yes☐ or No☐
INTERIOR OVERHEAD LIGHTS ..... Yes☐ or No☐
LIGHTBAR PROVISION ..... Yes☐ or No☐
CAB FRONT LIGHTBAR ..... Yes☐ or No☐
FRONT SCENE LIGHTS ..... Yes☐ or No☐
FRONT SCENE LIGHT LOCATION ..... Yes☐ or No☐
FRONT SCENE LIGHTS ACTIVATION ..... Yes☐ or No☐
SIDE SCENE LIGHTS ..... Yes☐ or No☐
SIDE SCENE LIGHT LOCATION ..... Yes☐ or No☐
SIDE SCENE ACTIVATION ..... Yes☐ or No☐
GROUND LIGHTS ..... Yes☐ or No☐
GROUND LIGHTS ..... Yes☐ or No☐
UNDER BUMPER LIGHTS ..... Yes☐ or No☐
LOWER CAB STEP LIGHTS ..... Yes☐ or No☐

INTERMEDIATE STEP LIGHTS..... Yes☐ or No☐
ENGINE COMPARTMENT LIGHT ..... Yes☐ or No☐
OPTICAL WARNTING DEVICES..... PAGE 67
DO NOT MOVE APPARATUS LIGHT ..... Yes☐ or No☐
MASTER WARNING SWITCH ..... Yes☐ or No☐
HEADLIGHT FLASHER ..... Yes☐ or No☐
HEADLIGHT FLASHER SWITCH ..... Yes☐ or No☐
INBOARD FRONT WARNING LIGHTS ..... Yes☐ or No☐
INBOARD FRONT WARNING LIGHTS COLOR..... Yes☐ or No☐
FRONT WARNING SWITCH..... Yes☐ or No☐
INTERSECTION WARNING LIGHTS..... Yes☐ or No☐
INTERSECTION WARNING LIGHT COLOR..... Yes☐ or No☐
INTERSECTION WARNING LIGHT LOCATION ..... Yes☐ or No☐
SIDE WARNING LIGHTS..... Yes☐ or No☐
SIDE WARNING LIGHT COLOR..... Yes☐ or No☐
SIDE WARNING LIGHT LOCATION ..... Yes☐ or No☐
SIDE AND INTERSECTION WARNING SWITCH ..... Yes☐ or No☐
TANK LEVEL LIGHTS..... Yes☐ or No☐
TANK LEVEL LIGHTS ACTIVATION..... Yes☐ or No☐
TANK LEVEL LIGHTS LOCATION..... Yes☐ or No☐
REAR WARNING LIGHTS ..... Yes☐ or No☐
INTERIOR DOOR OPEN WARNING LIGHTS..... Yes☐ or No☐
AUDIBLE WARNING DEVICES..... PAGE 69
SIREN CONTROL HEAD ..... Yes☐ or No☐
STEERING WHEEL HORN BUTTON SELECTOR SWITCH..... Yes☐ or No☐
AUDIBLE WARNING LEFT HAND FOOT SWITCH..... Yes☐ or No☐
MECHANICAL SIREN FOOT SWITCH LH..... Yes☐ or No☐
MECHANICAL SIREN FOOT SWITCH LEFT HAND LOCATION ..... Yes☐ or No☐
MECHANICAL SIREN FOOT SWITCH LEFT HAND POSITION ..... Yes☐ or No☐
AUDIBLE WARNING LEFT HAND FOOT SWITCH BRACKET ..... Yes☐ or No☐
AUDIBLE WARNING RIGHT HAND FOOT SWITCH ..... Yes☐ or No☐
MECHANICAL SIREN FOOT SWITCH RIGHT HAND..... Yes☐ or No☐
MECHANICAL SIREN FOOT SWITCH RIGHT HAND LOCATION..... Yes☐ or No☐
AIR HORN IGNITION CONTROL..... Yes☐ or No☐
AIR HORN ACTIVATION/CONTROL SWITCHES..... Yes☐ or No☐
AIR HORN AUXILIARY ACTIVATION ..... Yes☐ or No☐
MECHANICAL SIREN BRAKE/AUXILIARY ACTIVATION..... Yes☐ or No☐

MECHANICAL SIREN INTERLOCK ..... Yes☐ or No☐
BACK-UP ALARM ..... Yes☐ or No☐
INSTRUMENTATION ..... PAGE 70
INSTRUMENTATION ..... Yes☐ or No☐
RED INDICATORS ..... Yes☐ or No☐
AMBER INDICATORS ..... Yes☐ or No☐
GREEN INDICATORS ..... Yes☐ or No☐
BLUE INDICATORS ..... Yes☐ or No☐
AUDIBLE ALARMS ..... Yes☐ or No☐
BACKLIGHTING COLOR ..... Yes☐ or No☐
SPEEDOMETER ACTIVATED IN PUMP MODE ..... Yes☐ or No☐
COMMUNICATIONS SYSTEMS ..... PAGE 72
RADIO ..... Yes☐ or No☐
AM/FM ANTENNA ..... Yes☐ or No☐
WEATHERPROOF CAP ..... Yes☐ or No☐
ANTENNA ..... Yes☐ or No☐
RADIO ANTENNA MOUNT WIRING – OFFICER'S SIDE FRONT ..... Yes☐ or No☐
RADIO ANTENNA MOUNT WIRING – OFFICER'S SIDE REAR ..... Yes☐ or No☐
RADIO ANTENNA MOUNT WIRING – DRIVER'S SIDE FRONT ..... Yes☐ or No☐
RADIO ANTENNA MOUNT WIRING – DRIVER'S SIDE REAR ..... Yes☐ or No☐
CAMERA LEFT HAND ..... Yes☐ or No☐
CAMERA RIGHT HAND ..... Yes☐ or No☐
CAMERA REAR ..... Yes☐ or No☐
CAMERA DISPLAY ..... Yes☐ or No☐
CAMERA SPEAKER ..... Yes☐ or No☐
ADDITIONAL EQUIPMENT ..... PAGE 74
CAB EXTERIOR PROTECTION ..... Yes☐ or No☐
FIRE EXTINGUISHER ..... Yes☐ or No☐
ROAD SAFETY KIT ..... Yes☐ or No☐
DOOR KEYS ..... Yes☐ or No☐
DIAGNOSTIC SOFTWARE OCCUPANT PROTECTION ..... Yes☐ or No☐
SALES ADMIN ..... PAGE 75
WARRANTY ..... Yes☐ or No☐
CHASSIS OPERATION MANUAL ..... Yes☐ or No☐
ENGINE AND TRANSMISSION OPERATION MANUALS ..... Yes☐ or No☐
ENGINE SERVICE MANUALS ..... Yes☐ or No☐
TRANSMISSION SERVICE MANUALS ..... Yes☐ or No☐
CAB/CHASSIS AS BUILT WIRING DIAGRAMS ..... Yes☐ or No☐

SALES TERMS ..... Yes☐ or No☐
ENGINEERING ..... PAGE 75
DRIVELINE LAYOUT CONFIRMATION ..... Yes☐ or No☐
APPARATUS BUILD-UP ..... PAGE 76
CENTER FRONT BUMPER STORAGE WELL ..... Yes☐ or No☐
BATTERY CHARGER ..... Yes☐ or No☐
STAINLESS STEEL HOOKS ..... Yes☐ or No☐
HELMET RESTRAINTS - CAB MOUNTED ..... Yes☐ or No☐
RECHARGEABLE FLASHLIGHTS ..... Yes☐ or No☐
RECHARGABLE LED STINGERS ..... Yes☐ or No☐
SWIVEL MOUNT ..... Yes☐ or No☐
EMS COMPARTMENT - DRIVER'S SIDE ..... Yes☐ or No☐
RIOT COMPARTMENT - CENTER ..... Yes☐ or No☐
EMS COMPARTMENT - OFFICER'S SIDE ..... Yes☐ or No☐
ALUMINUM MOUNTING PLATE ON ENGINE TUNNEL ..... Yes☐ or No☐
12V POWER LEAD DROP #1 ..... Yes☐ or No☐
12V POWER LEAD DROP #2 ..... Yes☐ or No☐
12V POWER LEAD DROP #3 ..... Yes☐ or No☐
WATER AND FOAM TANK ..... PAGE 78
WATER TANK ..... Yes☐ or No☐
BOOSTER TANK ..... Yes☐ or No☐
TANK BAFFLES ..... Yes☐ or No☐
TANK SUMP ..... Yes☐ or No☐
TANK FILL CONNECTION ..... Yes☐ or No☐
TANK LID ..... Yes☐ or No☐
WATER TANK MOUNTING ..... Yes☐ or No☐
WATER TANK DRAIN ..... Yes☐ or No☐
WATER TANK FILL TOWER ..... es☐ or No☐
WATER TANK LEVEL GAUGE ..... es☐ or No☐
WATER TANK LEVEL GAUGE IN CAB ..... Yes☐ or No☐
WATER TANK LEVEL DISPLAYS ..... Yes☐ or No☐
4" WATER TANK OVERFLOW ..... Yes☐ or No☐
FOAM CELL ..... Yes☐ or No☐
FOAM CELL FILL TOWER ..... Yes☐ or No☐
FOAM CELL LEVEL GAUGES ..... Yes☐ or No☐
HOSE BED ..... PAGE 80
HOSE LOAD – DOUBLEJACKET ..... Yes☐ or No☐
POWER OPERATED HOSE BED DOORS ..... Yes☐ or No☐

HOSE BED COVER LIGHTING ..... Yes☐ or No☐
HOSE BED REAR RESTRAINT ..... Yes☐ or No☐
HOSE BED DIVIDERS ..... Yes☐ or No☐
HOSE BED WALL - ADDITIONAL ..... Yes☐ or No☐
HOSE BED ..... Yes☐ or No☐

APPARATUS BODY ..... PAGE 82
ALUMINUM BODY CONSTRUCTION ..... Yes☐ or No☐
SIDE COMPARTMENT DOORS ..... Yes☐ or No☐
COMPARTMENT DOOR HANDLES ..... Yes☐ or No☐
PULL-DOWN STRAP ..... Yes☐ or No☐
REAR COMPARTMENT DOOR ..... Yes☐ or No☐
DRIVER'S REAR TRANSVERSE COMPARTMENT ..... Yes☐ or No☐
BODY COMPARTMENT LIGHTING ..... Yes☐ or No☐
COMPARTMENT COATING ..... Yes☐ or No☐
COMPARTMENT AIR RELEASE ..... Yes☐ or No☐
COMPARTMENT DRAIN HOLES ..... Yes☐ or No☐
SILL PROTECTORS ..... Yes☐ or No☐
FUEL FILLS ..... Yes☐ or No☐
STANDARD WHEEL WELL STORAGE ..... Yes☐ or No☐

DRIVER'S (LEFT) SIDE BODY COMPARTMENTS ..... PAGE 85
COMPARTMENT L1 ..... Yes☐ or No☐
COMPARTMENT L1 COMPONENTS ..... Yes☐ or No☐
COMPARTMENT L2 ..... Yes☐ or No☐
COMPARTMENT L2 COMPONENTS ..... Yes☐ or No☐
COMPARTMENT L3 ..... Yes☐ or No☐
COMPARTMENT L3 COMPONENTS ..... Yes☐ or No☐
DRIVER'S SIDE REAR WHEEL WELL POSITION - WL1 ..... Yes☐ or No☐
DRIVER'S SIDE REAR WHEEL WELL POSITION - WL3 ..... Yes☐ or No☐

OFFICER'S (RIGHT) SIDE BODY COMPARTMENTS ..... PAGE 87
COMPARTMENT R1 ..... Yes☐ or No☐
COMPARTMENT R1 COMPONENTS ..... Yes☐ or No☐
COMPARTMENT R2 ..... Yes☐ or No☐
COMPARTMENT R2 COMPONENTS ..... Yes☐ or No☐
COMPARTMENT R3 ..... Yes☐ or No☐
COMPARTMENT R3 COMPONENTS ..... Yes☐ or No☐
OFFICER'S SIDE REAR WHEEL WELL POSITION - WR1 ..... Yes☐ or No☐
OFFICER'S SIDE REAR WHEEL WELL POSITION - WR3 ..... Yes☐ or No☐

OFFICER'S SIDE HYDRAULIC EQUIPMENT RACK ..... Yes☐ or No☐
EQUIPMENT RACK ATTACHMENTS FOR GROUND LADDER/PIKE POLE ..... Yes☐ or No☐
HYDRAULIC EQUIPMENT RACK SWITCH ..... Yes☐ or No☐
EQUIPMENT RACK AUDIBLE ALARM ..... Yes☐ or No☐
REAR SIDE BODY COMPARTMENTS ..... PAGE 90
COMPARTMENT T1 ..... Yes☐ or No☐
COMPARTMENT T1 COMPONENTS ..... Yes☐ or No☐
MISCELLANEOUS ..... PAGE 91
GS-36 GALVANIZED STEEL BODY SUB FRAME ..... Yes☐ or No☐
BODY MOUNTING ..... Yes☐ or No☐
TANK MOUNTING ..... Yes☐ or No☐
STORAGE COMPARTMENT ON RIGHT FRONT ..... Yes☐ or No☐
LONG-HANDLED TOOL COMPARTMENT ON RIGHT REAR ..... Yes☐ or No☐
WALKWAYS AND OVERLAYS ..... Yes☐ or No☐
STEPPING SURFACES ..... Yes☐ or No☐
HINGED REAR DECK ..... Yes☐ or No☐
AUXILIARY STEP BELOW REAR DECK ..... Yes☐ or No☐
BODY RUB RAILS ..... Yes☐ or No☐
REAR UNDERBODY TOW EYE ..... Yes☐ or No☐
RECEIVER TUBES ..... Yes☐ or No☐
TRANSVERSE TOOL COMPARTMENT ..... Yes☐ or No☐
REAR WHEEL WELLS ..... Yes☐ or No☐
STAINLESS STEEL FENDERETTES ..... Yes☐ or No☐
BACKBOARD STORAGE ..... Yes☐ or No☐
EXHAUST HEAT DEFLECTOR SHIELD ..... Yes☐ or No☐
I-ZONE BRACKETS ..... Yes☐ or No☐
FUEL TANK GAUGE ACCESS PANEL ..... Yes☐ or No☐
LICENSE PLATE BRACKET ..... Yes☐ or No☐
TRIMRITE STAINLESS STEEL FASTENERS ..... Yes☐ or No☐
ADDITIONAL HARDWARE ..... Yes☐ or No☐
FRONT TREAD PLATE OVERLAYS ..... Yes☐ or No☐
REAR TREAD PLATE OVERLAYS ..... Yes☐ or No☐
BACKLIT HANDRAILS ..... Yes☐ or No☐
WHEEL CHOCK COMPARTMENTS ..... Yes☐ or No☐
WHEEL CHOCKS ..... Yes☐ or No☐
STEPS ..... PAGE 95
FRONT BODY STEPS AND LIGHTING ..... Yes☐ or No☐

FRONT BODY STEPS AND LIGHTING ..... Yes☐ or No☐
REAR STEPS ..... Yes☐ or No☐
FULL-WIDTH HOSE BED STEP ..... Yes☐ or No☐
STEP ..... Yes☐ or No☐
OTHER STORAGE ..... PAGE 96
GROUND LADDER STORAGE ..... Yes☐ or No☐
ENCLOSED ATTIC LADDER STORAGE ..... Yes☐ or No☐
PIKE POLE STORAGE ..... Yes☐ or No☐
HARD SUCTION HOSE STORAGE ..... Yes☐ or No☐
PUMP, PUMP MODULE, PUMP PANEL, AND PUMP AREA ..... PAGE 97
INDEPENDENT ALUMINUM SIDE MOUNT PUMP MODULE ..... Yes☐ or No☐
PUMP COMPARTMENT LIGHTS ..... Yes☐ or No☐
DRIVER'S SIDE RUNNING BOARD ..... Yes☐ or No☐
OFFICER'S SIDE RUNNING BOARD ..... Yes☐ or No☐
RUNNING BOARD HOSE WELL FINISH ..... Yes☐ or No☐
TREAD PLATE DUNNAGE COMPARTMENT ..... Yes☐ or No☐
EASY TRACK VENTILATION ..... Yes☐ or No☐
FRONT PUMP ACCESS PANEL ..... Yes☐ or No☐
OFFICER'S SIDE ACCESS PANEL ..... Yes☐ or No☐
REEL REWIND VIEWING AREA ..... Yes☐ or No☐
CONTROL PANEL ..... Yes☐ or No☐
INSTRUMENT PANEL ..... Yes☐ or No☐
OFFICER'S SIDE PUMP PANEL ..... Yes☐ or No☐
PANEL SURFACES ..... Yes☐ or No☐
GARNISH RING BEZEL ASSEMBLIES ..... Yes☐ or No☐
VERBIAGE TAG BEZEL ASSEMBLIES ..... Yes☐ or No☐
SAFETY MESSAGE BEZEL ASSEMBLIES ..... Yes☐ or No☐
PUMP PANEL LIGHTING ..... Yes☐ or No☐
PUMP PANEL SPEAKER ..... Yes☐ or No☐
MIDSHIP MOUNT FIRE PUMP ..... Yes☐ or No☐
FLAME PLATED IMPELLER HUBS ..... Yes☐ or No☐
IMPELLER WEAR RINGS ..... Yes☐ or No☐
LUBRICATION SYSTEM ..... Yes☐ or No☐
PUMP TRANSMISSION ..... Yes☐ or No☐
MECHANICAL SEALS ..... Yes☐ or No☐
ZINC ANODES ..... Yes☐ or No☐
PUMP RATING ..... Yes☐ or No☐

FIRE PUMP MOUNTING ..... Yes☐ or No☐
PUMP SHIFT ..... Yes☐ or No☐
PRESSURE GOVERNOR ..... Yes☐ or No☑
SUCTION PRESSURE RELIEF VALVE ..... Yes☐ or No☐
PUMP PRIMING SYSTEM ..... Yes☐ or No☐
MASTER DRAIN VALVE ..... Yes☐ or No☐
WATEROUS OVERHEAT PROTECTION MANAGER WITH INDICATOR LIGHTS ..... Yes☐ or No☐
PAINT PUMP GRAY/PAINT INTAKES PRIMARY BODY COLOR ..... Yes☐ or No☐
PUMP MANUALS ..... Yes☐ or No☐
PUMP AND ENGINE COOLING SYSTEM ..... Yes☐ or No☐
FOAM SYSTEM ..... PAGE 104
FOAM SYSTEM ..... Yes☐ or No☐
FOAM REFILL SYSTEM ..... Yes☐ or No☐
FOAM PROPORTIONING SYSTEM TESTING ..... Yes☐ or No☐
PLUMBING, GUAGES, INTAKES, AND DISCHARGES ..... PAGE 105
PLUMBING MANIFOLD ..... Yes☐ or No☐
INNOVATIVE CONTROLS DISCHARGE GAUGES 2-1/2" 0-400 PSI ..... Yes☐ or No☐
MASTER PRESSURE CENTER ASSEMBLY ..... Yes☐ or No☐
HARDWARE BRAND ..... Yes☐ or No☐
DISCHARGE, PRECONNECT, AND INTAKE DRAINS ..... Yes☐ or No☐
AUTOMATIC DRAINS ..... Yes☐ or No☐
PLUMBING LABELS ..... es☐ or No☐
TANK/PUMP PLUMBING LABELS ..... Yes☐ or No☐
2" TANK FILL ..... Yes☐ or No☐
3" TANK-TO-PUMP ..... Yes☐ or No☐
6" DRIVER SIDE MAIN INTAKE ..... Yes☐ or No☐
2" DRIVER'S SIDE AUXILIARY INTAKE ..... Yes☐ or No☐
6" OFFICER SIDE MAIN INTAKE ..... Yes☐ or No☐
2-1/2" OFFICER'S SIDE AUXILIARY INTAKE ..... Yes☐ or No☐
INTAKE LABELS ..... Yes☐ or No☐
2-1/2" DRIVER'S SIDE DISCHARGE #1 ..... Yes☐ or No☐
2-1/2" DRIVER'S SIDE DISCHARGE #2 ..... Yes☐ or No☐
2-1/2" OFFICER'S SIDE DISCHARGE ..... Yes☐ or No☐
4" OFFICER'S SIDE DISCHARGE (625 GPM NFPA Rated) ..... Yes☐ or No☐
1-1/2" FRONT BUMPER DISCHARGE ..... Yes☐ or No☐
1-1/2" REAR DISCHARGE (DRIVER'S SIDE) ..... Yes☐ or No☐
2-1/2" OFFICER'S SIDE REAR DISCHARGE ..... Yes☐ or No☐

CROSSLAYS ..... PAGE 113
- CROSSLAY CONFIGURATION ..... Yes☐ or No☐
- CROSSLAY FLOORING ..... Yes☐ or No☐
- CROSSLAY ROLLERS ..... Yes☐ or No☐
- CROSSLAY DIVIDER ..... Yes☐ or No☐
- CROSSLAY COVER ..... Yes☐ or No☐
- CROSSLAY END COVERS ..... Yes☐ or No☐
- CROSSLAY 1-1/2" PRECONNECT #1 ..... Yes☐ or No☐
- CROSSLAY 1-1/2" PRECONNECT #2 ..... Yes☐ or No☐

OTHER DISCARGES AND CONTROLS ..... PAGE 115
- BOOSTER REEL ..... Yes☐ or No☐
- 3" DELUGE RISER DISCHARGE ..... Yes☐ or No☐
- EXTEND-A-GUN ..... Yes☐ or No☐
- PROTECTION LINE ..... Yes☐ or No☐

AUXILIARY FIRE PUMP ..... PAGE 116
- AUXILIARY FIRE PUMP ..... Yes☐ or No☐
- 3" TANK-TO-PUMP ..... Yes☐ or No☐
- CONTROLS ON THE PUMP PANEL ..... Yes☐ or No☐
- AUXILIARY PRIMING SYSTEM ..... Yes☐ or No☐
- AUXILIARY COOLING LINE ..... Yes☐ or No☐
- CHASSIS CAB AUXILIARY PUMP CONTROLS ..... Yes☐ or No☐
- IN CAB CONTROLS - INNOVATIVE OVERLAY ..... Yes☐ or No☐

ELECTRICAL SYSTEM ..... PAGE 118
- ELECTRICAL SYSTEM ..... Yes☐ or No☐
- WEATHERPROOF DOOR SWITCHES ..... Yes☐ or No☐
- V-MUX ELECTRICAL MANAGEMENT SYSTEM ..... Yes☐ or No☐
- 12-VOLT SYSTEMS TEST ..... Yes☐ or No☐
- TAILLIGHTS ..... Yes☐ or No☐
- REAR WORK LIGHT SWITCH ..... Yes☐ or No☐
- REAR WORK LIGHT WIRING ..... Yes☐ or No☐
- MIDSHIP TURN SIGNALS ..... Yes☐ or No☐
- PERIMETER GROUND LIGHTING ..... Yes☐ or No☐
- CLEARANCE LIGHTS ..... Yes☐ or No☐
- REMOTE CONTROL SEARCH LIGHTS ..... Yes☐ or No☐
- CHASSIS SUPPLIED BACK UP CAMERA SYSTEM ..... Yes☐ or No☐
- SIGTRONICS INTERCOM SYSTEM ..... Yes☐ or No☐
- CAB POSITIONS ..... Yes☐ or No☐
- PUMP PANEL POSITION ..... Yes☐ or No☐

REAR OF APPARATUS POSITION ..... Yes☐ or No☐
SRS-4 AM/FM RADIO SWITCHING UNIT ..... Yes☐ or No☐
UPPER ZONE A ..... Yes☐ or No☐
UPPER ZONE C ..... Yes☐ or No☐
LOWER ZONE WARNING LIGHT PACKAGE ..... Yes☐ or No☐
TRAFFIC ADVISOR ..... Yes☐ or No☐
WHELEN 12V SURFACE-MOUNT SCENE LIGHTS ..... Yes☐ or No☐
WHELEN 12V TELESCOPING SCENE LIGHTS ..... Yes☐ or No☐
120V RECEPTACLE #1 ..... Yes☐ or No☐
120V RECEPTACLE #2 ..... Yes☐ or No☐

PAINT ..... PAGE 124
CHASSIS PAINT ..... Yes☐ or No☐
BODY PAINT PREPARATION ..... Yes☐ or No☐
PAINT PROCESS ..... Yes☐ or No☐
HAND POLISHED ..... Yes☐ or No☐
BODY PAINT COLOR ..... Yes☐ or No☐
UNDERCOATING ..... Yes☐ or No☐
CORROSION PREVENTION ..... Yes☐ or No☐
SAMPLE PAINT CARD ..... Yes☐ or No☐

STICKERING AND STRIPING ..... PAGE 126
REFLECTIVE STRIPING – EACH SIDE ..... Yes☐ or No☐
REFLECTIVE STRIPING – FRONT CAB ..... Yes☐ or No☐
RUB RAIL REFLECTIVE STRIPING ..... Yes☐ or No☐
CHEVRON COLOR - RED/FLUORESCENT YELLOW-GREEN ..... Yes☐ or No☐
CHEVRON STRIPING REAR BODY ..... Yes☐ or No☐
APPARATUS STICKERING – EACH SIDE ..... Yes☐ or No☐
APPARATUS STICKERING – FRONT ..... Yes☐ or No☐
APPARATUS STICKERING – REAR ..... Yes☐ or No☐
APPARATUS STICKERING – CAB ROOF ..... Yes☐ or No☐

WARRANTIES ..... PAGE 127
GENERAL LIMITED WARRANTY ..... Yes☐ or No☐
BODY STRUCTURE (ALUMINUM) LIMITED WARRANTY ..... Yes☐ or No☐
ELECTRICAL LIMITED WARRANTY ..... Yes☐ or No☐
PLUMBING AND PIPING (STAINLESS STEEL) LIMITED WARRANTY ..... Yes☐ or No☐
WATER TANK WARRANTY ..... Yes☐ or No☐
BODY SUBSTRUCTURE (GALVANIZED) LIMITED WARRANTY ..... Yes☐ or No☐
PAINT AND FINISH (EXTERIOR CLEAR COATED) LIMITED WARRANTY ..... Yes☐ or No☐

PUMP WARRANTY ..... Yes☑ or No☐
OTHER SPECIFICATIONS ..... PAGE 129
PREREQUISITE BIDDING REQUIREMENTS ..... Yes☑ or No☐
INTENT OF SPECIFICATIONS ..... Yes☑ or No☐
CONTRACTOR'S SPECIFICATIONS ..... Yes☑ or No☐
TIMELY PROPOSALS ..... Yes☑ or No☐
DRAWINGS ..... Yes☑ or No☐
PURCHASER'S OBLIGATIONS ..... Yes☑ or No☐
SAFETY REQUIREMENTS ..... Yes☑ or No☐
ACQUAINTANCE WITH SPECIFICATIONS ..... Yes☑ or No☐
QUALITY AND WORKMANSHIP ..... Yes☑ or No☐
GENERAL CONSTRUCTION ..... Yes☑ or No☐
LIABILITY ..... Yes☑ or No☐
WARRANTY COPIES ..... Yes☑ or No☐
ROADABILITY ..... Yes☑ or No☐
FAILURE TO MEET TESTS ..... Yes☑ or No☐
PROPOSAL SEQUENCE ..... Yes☑ or No☐
AWARD OF CONTRACT ..... Yes☑ or No☐
NFPA 1901-2016 ..... Yes☑ or No☐
INSPECTION CERTIFICATE – NFPA 1901 COMPLIANCE ..... Yes☑ or No☐
CONSTRUCTION DOCUMENTATION ..... Yes☑ or No☐
OPERATION AND SERVICE DOCUMENTATION ..... Yes☑ or No☐
STATEMENT OF EXCEPTIONS ..... Yes☑ or No☐
OWNER'S MANUAL ..... Yes☑ or No☐
ELECTRICAL MANUAL ..... Yes☑ or No☐
ELECTRICAL SCHEMATICS ..... Yes☑ or No☐
PUMP PLUMBING SCHEMATICS ..... Yes☑ or No☐
HYDRAULIC SCHEMATICS ..... Yes☑ or No☐
FIRE APPARATUS SAFETY GUIDE ..... Yes☑ or No☐
MISCELLANEOUS EQUIPMENT ALLOWANCE ..... Yes☑ or No☐
VEHICLE STABILITY ..... Yes☑ or No☐
INDEPENDENT THIRD-PARTY PUMP CERTIFICATION ..... Yes☑ or No☐
PUMP CERTIFICATION ..... Yes☑ or No☐
ONLINE CUSTOMER INTERACTION ..... Yes☑ or No☐
PRE-CONSTRUCTION MEETING ..... Yes☑ or No☐
MIDPOINT INSPECTION ..... Yes☑ or No☐
FINAL INSPECTION ..... Yes☑ or No☐

TEHAMA COUNTY FD BID FOR (1) FIRE ENGINE

EXCEPTIONS TO SPECIFICATIONS

Page 2, Delivery

Delivery shall be approximately 80-850 days from receipt of purchase order or signed contract.

Occupant Protection; Page 25

The APS Personnel Protection/Cab Air Bag System in your specification is no longer available (vendor stopped production) so we will be bidding the replacement system by IMMI.

Multiplex Display; Page 29

The specified Weldon IV display for the VMUX system (Page 29) is going out of production in the Weldon Multiplex System. It has been replaced by the Class 1 Ultraview screen which I believe is a better display overall. Here is a link to that display:

UltraView 700 Full Color Display | Hale Products

Engine; Page 30

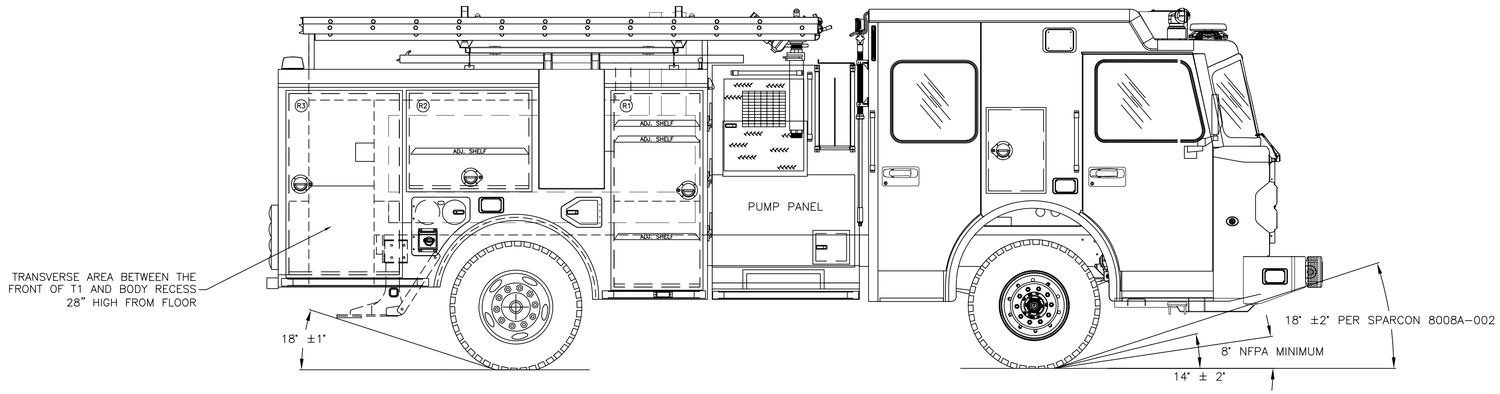
The specified Cummins L9 engine is no longer available in the confugration. We will be bidding the new Cummins X10 engine meeting your horsepower/torque specifications.

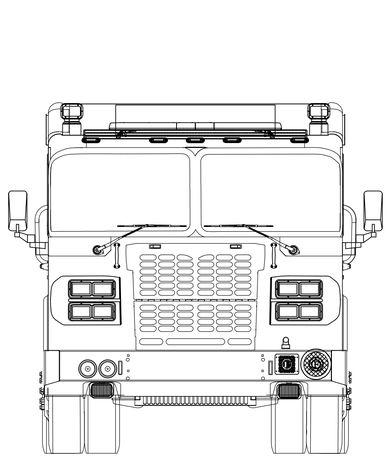
Front Axle Capacity; Page 39

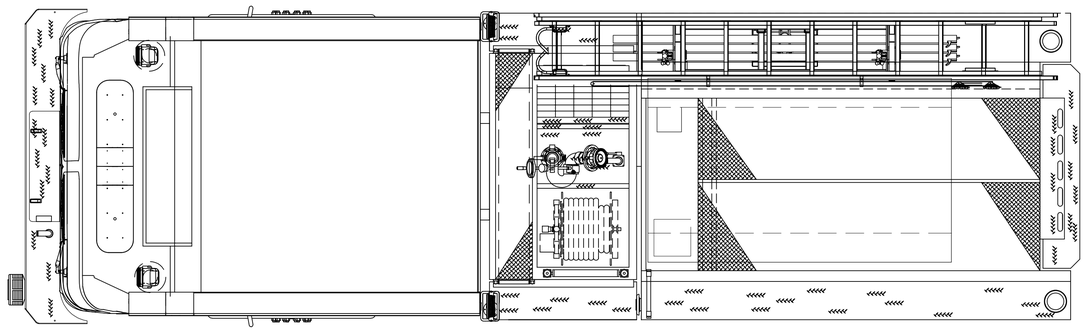
This engine change affects the front axle capacity (Page 39). The X10 engine is heavier than the L9 so a 20,000 lb. capacity front axle will be provided. This also changes the cramp angle on the steering gear from 50 degrees to 48 degrees left/44 degrees right.

Pressure Governor; Page 101

The specified FRC PumpBoss 400 System has been replaced by FRC with the PumpBoxx Max System.



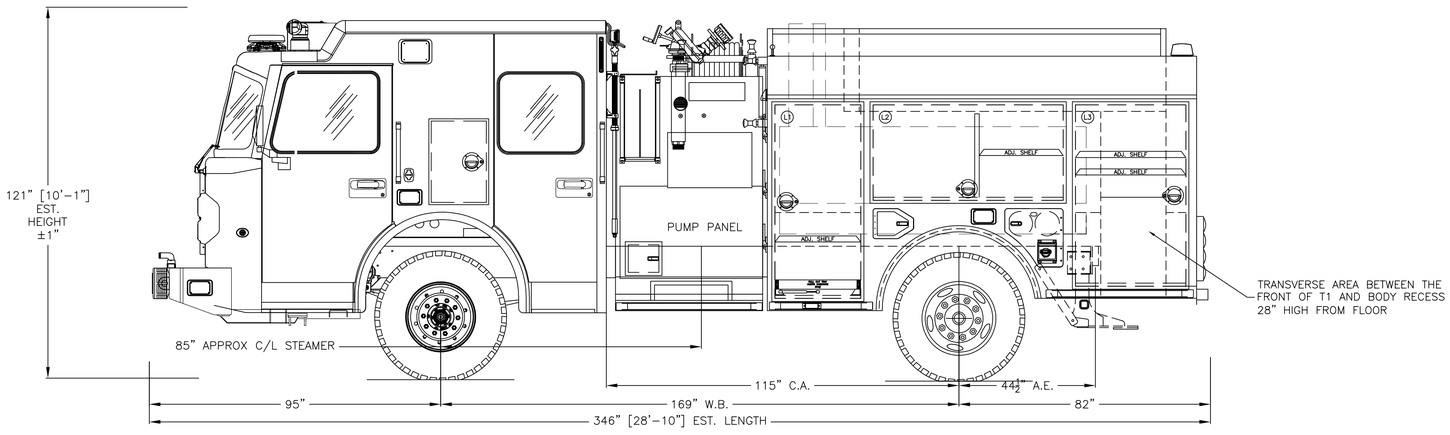


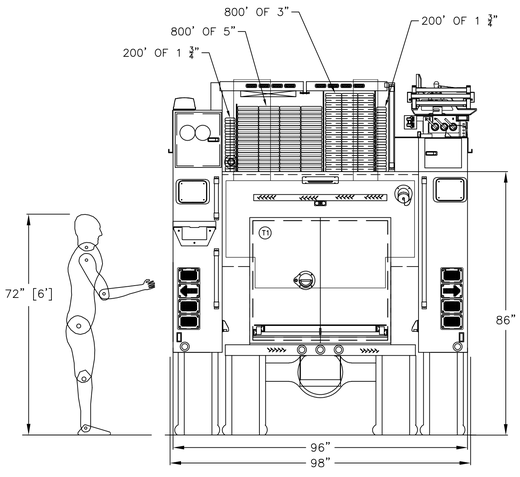


COMPARTMENT DIMENSIONS					
COMPT.	DOOR OPENING	INTERIOR	DIVIDE HEIGHT	DEPTH UPPER	DEPTH LOWER
L1/R1	28"W x 62"H	30"W x 62"H	27"	14"	23"
L2	62"W x 30"H	68"W x 30"H	N/A	14"	N/A
R2	39"W x 30"H	42"W x 30"H	N/A	14"	N/A
L3/R3	36"W x 58"H	36"W x 58"H	23"	14"	92"
T1	44"W x 38"H	46"W x 31"H	N/A	19"	19"

GROUND LADDERS & PIKE POLES			
ITEM	DESCRIPTION	MODEL #	QTY
A	24' 2-SEC EXTENSION	900-A	1
B	14' ROOF	775-A	1
C	10' FOLDING ATTIC	585-A	1
D	PIKE POLE	-	3

DISCLAIMER:
PER SPARTAN CHASSIS -
UNTIL THE 2027 EPA ENGINE INTEGRATION IS FINALIZED,
AVAILABLE OPTIONS AND BODY DESIGN SPECIFICATIONS RELATED
TO THE ENGINE AND AFTERTREATMENT SYSTEM ARE SUBJECT TO CHANGE.
THIS MAY INCLUDE, BUT IS NOT LIMITED TO, WHEELBASE DIMENSIONS,
CENTERLINE OF SUCTION (FOR PUMPS) AND PUMP CONFIGURATIONS.
ANY ADDITIONAL COSTS RESULTING FROM THE 2027 EPA ENGINE REQUIREMENTS
WILL BE PASSED ON TO THE END USER - NO EXCEPTIONS.





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REVISION HISTORY

REV	INT.	DATE	DESCRIPTION
01	Brodd	10/01/25	ORIGINAL LAYOUT

PROPOSAL

CHASSIS:	SPARTAN METRO STAR MFD 10" RAISED ROOF
ENGINE:	CUMMINS X10 400HP WITH ALLISON 3000 EVS
PUMP:	WATEROUS CSUC22 2000 GPM (RATED @ 1500 GPM)
AUX PUMP:	WATEROUS E511-C
WATER TANK:	700 U.S. GAL
FOAM CELL:	30 U.S. GAL
BODY MATERIAL:	1/8" ALUMINUM
HOSE BED:	100 CUBIC FEET
GENERATOR:	N/A
COMPARTMENTS:	165 CUBIC FEET

SMEAL
REV GROUP

TEHAMA COUNTY FIRE DEPARTMENT
RED BLUFF, CA

MODEL:	SIDE MOUNT PUMPER/WUI
DEALERSHIP:	F.A.S.
SCALE:	1/2" = 1'
DRAWN BY:	D.Brodd
DATE:	10/01/2025
SIZE:	24" X 36"
DRAWING NO:	25077
REV:	01
SHEET:	1 OF 1

Custom Chassis
Two (2) Years or 36,000 Miles
Custom Chassis
Limited Warranty

Subject to the provisions, limitations, and exclusions set forth in this certificate, Spartan Fire, LLC ("OEM") extends the following Limited Warranty to the Purchaser of a Custom Chassis (the "Product") manufactured by OEM for a fire apparatus vehicle (the "Apparatus"). As used herein, "Purchaser" means that person or entity which purchases and commences first commercial use of the Apparatus for its intended purpose.

This Limited Warranty Covers:
The Product shall be free from defects in material and workmanship, under normal use and maintenance, for the warranty period described below in this certificate. Also see the Section herein entitled "Specific Exclusions and Conditions" for more details regarding the parts and components covered by this Limited Warranty.
This Limited Warranty Coverage will Begin:
The date the Product is placed into service by the Purchaser or thirty (30) days after the date of the Product invoice to the Purchaser, whichever comes first.
This Limited Warranty Coverage Ends After the First Occurrence of:
Two (2) Years or 36,000 Miles

Specific Exclusions and Conditions
Except as excluded in this certificate, this Limited Warranty covers Product parts, components, and subsystems manufactured by OEM. Parts, components and subsystems excluded from this Limited Warranty include, but are not limited to: normal maintenance parts and activities such as lubrication, oil and filter replacement, belt adjustment, brake adjustment, door check strap adjustment, and vehicle alignments; parts subject to normal wear including, but not limited to, batteries, tires, brakes, belts, hoses, lights and bulbs, electrical accessories, voltage regulator, flashers, windshield wipers, etc.; frame and structure if altered by welding, cutting or splicing, or improper drilling of rail flanges without OEM's prior written approval; any part, component, or subsystem not installed on the Product at the time it is shipped from OEM's factory; parts, components and subsystems subject to separate OEM limited warranties such as, but not limited to, the Apparatus's engine emissions system, electrical system, multiplex electronic system, frame, aerial device, hydraulic system, body structure, cab structure, paint system, or plumbing system.

Who is Covered by this Limited Warranty: This Limited Warranty only applies to Purchaser and, unless required by applicable law, may not be assigned or transferred to any other person or entity without OEM's prior written authorization. This Limited Warranty is valid only in the country in which the Product is first sold.

How to Obtain Warranty Service: See the Operator Manual(s) for instructions on how to register the Product, to obtain warranty repair authorization and service, and to make arrangements for the Product to be transported to an OEM-authorized service facility for warranty service. All warranty service and towing must be authorized by an OEM customer service representative before any warranty or towing service is performed. OEM shall not be responsible for, or reimburse Purchaser for, any costs or expenses relating to unauthorized warranty service or towing. Purchaser must notify OEM or its authorized customer service representative as soon as possible after discovery of any defect with the Product but in no event more than ten (10) days after discovery.

Exclusive Remedy: OEM will, at its option, repair or replace the Product if it is defective in materials or workmanship during the warranty period stated above and covered by this Limited Warranty. Such repair or replacement may be performed at an OEM facility or by an OEM-authorized service facility. Any repaired or replaced Product shall be warranted only for the remainder of the warranty period applicable to the original Product. THIS PARAGRAPH CONTAINS OEM'S SOLE OBLIGATION AND PURCHASER'S EXCLUSIVE REMEDIES FOR ANY DEFECTIVE PRODUCT COVERED BY THIS LIMITED WARRANTY.

Third Party Representations: No person or entity is authorized to create any other warranty, obligation or liability in connection with the Product, and OEM is not responsible for any representation, promise or warranty made by any person, dealer, component manufacturer, vehicle manufacturer, or other entity beyond what is expressly stated in this Limited Warranty.

Disclaimer of Other Warranties: THIS LIMITED WARRANTY IS OEM'S SOLE AND EXCLUSIVE WARRANTY WITH RESPECT TO THE PRODUCT. EXCEPT FOR THE LIMITED WARRANTIES STATED IN THIS CERTIFICATE, OEM MAKES NO OTHER EXPRESS OR IMPLIED REPRESENTATIONS OR WARRANTIES WHATSOEVER REGARDING THE PRODUCT INCLUDING, WITHOUT LIMITATION, ANY WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR NON-INFRINGEMENT, OR ANY WARRANTIES ARISING FROM COURSE OF DEALING OR USAGE OF TRADE, ALL OF WHICH ARE EXPRESSLY DISCLAIMED. THERE ARE NO WARRANTIES WHICH EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF. TO THE EXTENT THAT ANY IMPLIED WARRANTIES MAY NOT BE DISCLAIMED UNDER APPLICABLE LAW, SUCH WARRANTIES ARE EXPRESSLY LIMITED TO THE DURATION OF THE EXPRESS WARRANTY STATED IN THIS CERTIFICATE.

Limitation of Liability:
IN NO EVENT SHALL OEM BE LIABLE TO PURCHASER OR ANY THIRD PARTY FOR ANY INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, ENHANCED, PUNITIVE OR CONSEQUENTIAL DAMAGES RELATING TO OR ARISING OUT OF THE PRODUCT OR OTHERWISE (INCLUDING, WITHOUT LIMITATION, LOST REVENUE, LOST PROFITS, LOSS OF OPPORTUNITIES, LOSS OF USE, DOWN TIME, DIMINUTION IN VALUE, COST OF ALTERNATIVE TRANSPORTATION, INCONVENIENCE, COST OF LODGING, VEHICLE RENTAL EXPENSES, LABOR CHARGES, EQUIPMENT RENTAL CHARGES OR OTHER ECONOMIC LOSSES), WHETHER IN AN ACTION IN CONTRACT OR TORT (INCLUDING NEGLIGENCE), STRICT LIABILITY OR OTHERWISE, EVEN IF OEM HAS BEEN ADVISED OF THE POSSIBILITIES OF SUCH DAMAGES. FURTHER, OEM'S LIABILITY FOR ANY AND ALL WARRANTY CLAIMS HEREUNDER SHALL BE LIMITED TO THE PURCHASE PRICE OF THE PRODUCT.

General Exclusions and Conditions; What This Limited Warranty Does Not Cover:
The Product may incorporate subsystems, assemblies, parts, components, and other items manufactured by third-party manufacturers which may include, but are not limited to, chassis, engine and emissions system, transmission, transfer case, axles, suspensions, water pumps, monitors, valves, foam systems, aerial devices (each, a "Third-Party Part" and collectively, the "Third-Party Parts"). OEM does not warrant Third-Party Parts. Defects in materials and workmanship related to Third-Party Parts that carry their own warranty are subject to that warranty. OEM hereby assigns to Purchaser any assignable warranty applicable to the Third-Party Parts. The previous sentence is OEM's sole obligation with respect to Third-Party Parts.

This Limited Warranty does not apply to, and OEM shall have no responsibility or liability for, any claim, loss or damage resulting from or caused by any of the following: (a) normal wear and tear; (b) misuse, carelessness, abuse or neglect (e.g. overloading, driving over curbs or exposure to corrosive or flooded environments); (c) improper handling, storage or repairs; (d) use of the Product other than for its intended purpose; (e) collision, fire, theft, vandalism; (f) weather, freezing, flooding, acts of God, or other casualties; (g) exposure to salt, acids, corrosive agents or other damaging chemicals or materials; (h) components or systems, whether new or used, provided by Purchaser and installed at its request; (i) when the odometer or hour meter is disconnected, or its reading has been altered, or actual mileage or hours cannot be determined; (j) improper maintenance or use including, but not limited to, failure to follow the required or recommended maintenance schedules, failure to maintain operating parameters, and failure to follow operating instructions; (k) any Third-Party Parts; (l) additions or accessories not originally installed by OEM, including ancillary equipment used in firefighting, and any problems resulting from such additions or accessories; (m) any "aftermarket" devices installed on the Product; (n) the repair or modification of any existing part, component or subsystem originally installed by OEM without its prior express written authorization and any problems resulting from such repair or modification. Further, this Limited Warranty shall be null and void if the Product is ever leased or rented, whether or not for compensation, to another person or entity.

Miscellaneous Terms:
OEM reserves the right to make changes to the Product without incurring any obligation to modify or improve previously manufactured parts or products. Further, OEM may respond to or correct any issue or complaint for which it does not otherwise have responsibility under this Limited Warranty without becoming obligated to respond to or correct any future issue or complaint of a same or similar nature, and such response or correction shall not constitute an admission of warranty coverage or impose any additional obligations on OEM.

Fire Apparatus
Two (2) Years or 36,000 Miles
General
Limited Warranty

Subject to the provisions, limitations, and exclusions set forth in this certificate, Spartan Fire, LLC ("OEM") extends the following Limited Warranty to the Purchaser of a fire apparatus vehicle (the "Product") manufactured by OEM. As used herein, "Purchaser" means that person or entity which purchases and commences first commercial use of the Product for its intended purpose.

This Limited Warranty Covers:

The Product shall be free from defects in material and workmanship, under normal use and maintenance, for the warranty period described below in this certificate. Also see the Section herein entitled "Specific Exclusions and Conditions" for more details regarding the parts and components covered by this Limited Warranty.

This Limited Warranty Coverage will Begin:

The date the Product is placed into service by the Purchaser or thirty (30) days after the date of the Product invoice to the Purchaser, whichever comes first.

This Limited Warranty Coverage Ends After the First Occurrence of:

Two (2) Years or 36,000 Miles

Specific Exclusions and Conditions

Except as excluded in this certificate, this Limited Warranty covers Product parts, components, and subsystems manufactured by OEM. Excluded from this Limited Warranty are (a) Third-Party Parts, as defined below, and (b) those parts, components and subsystems manufactured by OEM which are subject to separate OEM limited warranties such as, but not limited to, the Product's chassis, engine emissions system, electrical system, multiplex electronic system, frame, aerial device, hydraulic system, body structure, cab structure, paint system, and plumbing system.

If the Product is manufactured using a chassis provided by a Third-Party Parts manufacturer (i.e. a commercial chassis), this Limited Warranty shall not apply to the chassis. Instead, the Product's chassis will be covered by, and subject to, a separate limited warranty provided by that Third-Party Parts manufacturer.

Who is Covered by this Limited Warranty: This Limited Warranty only applies to Purchaser and, unless required by applicable law, may not be assigned or transferred to any other person or entity without OEM's prior written authorization. This Limited Warranty is valid only in the country in which the Product is first sold.

How to Obtain Warranty Service: See the Operator Manual(s) for instructions on how to register the Product, to obtain warranty repair authorization and service, and to make arrangements for the Product to be transported to an OEM-authorized service facility for warranty service. All warranty service and towing must be authorized by an OEM customer service representative before any warranty or towing service is performed. OEM shall not be responsible for, or reimburse Purchaser for, any costs or expenses relating to unauthorized warranty service or towing. Purchaser must notify OEM or its authorized customer service representative as soon as possible after discovery of any defect with the Product but in no event more than ten (10) days after discovery.

Exclusive Remedy: OEM will, at its option, repair or replace the Product if it is defective in materials or workmanship during the warranty period stated above and covered by this Limited Warranty. Such repair or replacement may be performed at an OEM facility or by an OEM-authorized service facility. Any repaired or replaced Product shall be warranted only for the remainder of the warranty period applicable to the original Product. THIS PARAGRAPH CONTAINS OEM'S SOLE OBLIGATION AND PURCHASER'S EXCLUSIVE REMEDIES FOR ANY DEFECTIVE PRODUCT COVERED BY THIS LIMITED WARRANTY.

Third Party Representations: No person or entity is authorized to create any other warranty, obligation or liability in connection with the Product, and OEM is not responsible for any representation, promise or warranty made by any person, dealer, component manufacturer, vehicle manufacturer, or other entity beyond what is expressly stated in this Limited Warranty.

Disclaimer of Other Warranties: THIS LIMITED WARRANTY IS OEM'S SOLE AND EXCLUSIVE WARRANTY WITH RESPECT TO THE PRODUCT. EXCEPT FOR THE LIMITED WARRANTIES STATED IN THIS CERTIFICATE, OEM MAKES NO OTHER EXPRESS OR IMPLIED REPRESENTATIONS OR WARRANTIES WHATSOEVER REGARDING THE PRODUCT INCLUDING, WITHOUT LIMITATION, ANY WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR NON-INFRINGEMENT, OR ANY WARRANTIES ARISING FROM COURSE OF DEALING OR USAGE OF TRADE, ALL OF WHICH ARE EXPRESSLY DISCLAIMED. THERE ARE NO WARRANTIES WHICH EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF. TO THE EXTENT THAT ANY IMPLIED WARRANTIES MAY NOT BE DISCLAIMED UNDER APPLICABLE LAW, SUCH WARRANTIES ARE EXPRESSLY LIMITED TO THE DURATION OF THE EXPRESS WARRANTY STATED IN THIS CERTIFICATE.

Limitation of Liability:
IN NO EVENT SHALL OEM BE LIABLE TO PURCHASER OR ANY THIRD PARTY FOR ANY INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, ENHANCED, PUNITIVE OR CONSEQUENTIAL DAMAGES RELATING TO OR ARISING OUT OF THE PRODUCT OR OTHERWISE (INCLUDING, WITHOUT LIMITATION, LOST REVENUE, LOST PROFITS, LOSS OF OPPORTUNITIES, LOSS OF USE, DOWN TIME, DIMINUTION IN VALUE, COST OF ALTERNATIVE TRANSPORTATION, INCONVENIENCE, COST OF LODGING, VEHICLE RENTAL EXPENSES, LABOR CHARGES, EQUIPMENT RENTAL CHARGES OR OTHER ECONOMIC LOSSES), WHETHER IN AN ACTION IN CONTRACT OR TORT (INCLUDING NEGLIGENCE), STRICT LIABILITY OR OTHERWISE, EVEN IF OEM HAS BEEN ADVISED OF THE POSSIBILITIES OF SUCH DAMAGES. FURTHER, OEM'S LIABILITY FOR ANY AND ALL WARRANTY CLAIMS HEREUNDER SHALL BE LIMITED TO THE PURCHASE PRICE OF THE PRODUCT.

General Exclusions and Conditions; What This Limited Warranty Does Not Cover:
The Product may incorporate subsystems, assemblies, parts, components, and other items manufactured by third-party manufacturers which may include, but are not limited to, chassis, engine and emissions system, transmission, transfer case, axles, suspensions, water pumps, monitors, valves, foam systems, aerial devices (each, a "Third-Party Part" and collectively, the "Third-Party Parts"). OEM does not warrant Third-Party Parts. Defects in materials and workmanship related to Third-Party Parts that carry their own warranty are subject to that warranty. OEM hereby assigns to Purchaser any assignable warranty applicable to the Third-Party Parts. The previous sentence is OEM's sole obligation with respect to Third-Party Parts.

This Limited Warranty does not apply to, and OEM shall have no responsibility or liability for, any claim, loss or damage resulting from or caused by any of the following: (a) normal wear and tear; (b) misuse, carelessness, abuse or neglect (e.g. overloading, driving over curbs or exposure to corrosive or flooded environments); (c) improper handling, storage or repairs; (d) use of the Product other than for its intended purpose; (e) collision, fire, theft, vandalism; (f) weather, freezing, flooding, acts of God, or other casualties; (g) exposure to salt, acids, corrosive agents or other damaging chemicals or materials; (h) components or systems, whether new or used, provided by Purchaser and installed at its request; (i) when the odometer or hour meter is disconnected, or its reading has been altered, or actual mileage or hours cannot be determined; (j) improper maintenance or use including, but not limited to, failure to follow the required or recommended maintenance schedules, failure to maintain operating parameters, and failure to follow operating instructions; (k) any Third-Party Parts; (l) additions or accessories not originally installed by OEM, including ancillary equipment used in firefighting, and any problems resulting from such additions or accessories; (m) any "aftermarket" devices installed on the Product; (n) the repair or modification of any existing part, component or subsystem originally installed by OEM without its prior express written authorization and any problems resulting from such repair or modification. Further, this Limited Warranty shall be null and void if the Product is ever leased or rented, whether or not for compensation, to another person or entity.

Miscellaneous Terms:
OEM reserves the right to make changes to the Product without incurring any obligation to modify or improve previously manufactured parts or products. Further, OEM may respond to or correct any issue or complaint for which it does not otherwise have responsibility under this Limited Warranty without becoming obligated to respond to or correct any future issue or complaint of a same or similar nature, and such response or correction shall not constitute an admission of warranty coverage or impose any additional obligations on OEM.

SPARTAN
REV GROUP
FIRE CHASSIS

Fire Apparatus
Ten (10) Years or 100,000 Miles
Cab Structure (Aluminum)
Limited Warranty

Subject to the provisions, limitations, and exclusions set forth in this certificate, Spartan Fire, LLC ("OEM") extends the following Limited Warranty to the Purchaser of a fire apparatus vehicle manufactured by OEM (the "Apparatus"). As used herein, "Purchaser" means that person or entity which purchases and commences first commercial use of the Product for its intended purpose.

This Limited Warranty Covers:

The Apparatus's chassis aluminum cab structure system (the "Product") shall be free from defects in material and workmanship, under normal use and maintenance, for the warranty period described below in this certificate. Also see the Section herein entitled "Specific Exclusions and Conditions" for more details regarding the parts and components covered by this Limited Warranty.

This Limited Warranty Coverage will Begin:

The date the Product is placed into service by the Purchaser or thirty (30) days after the date of the Product invoice to the Purchaser, whichever comes first.

This Limited Warranty Coverage Ends After the First Occurrence of:

Ten (10) Years or 100,000 Miles

Specific Exclusions and Conditions

This Limited Warranty only covers defects in the material and workmanship of the welded or bonded aluminum cab structural aspects of the Product. Parts, components and subsystems excluded from this Limited Warranty include, but are not limited to, the exterior coating, corrosion damage, electrical system, equipment mounting, doors, door hardware, glass, HVAC, switches, instruments, controls, seats, occupant protection, trim parts, upholstery, lighting, mounting components, fasteners or hardware.

Who is Covered by this Limited Warranty: This Limited Warranty only applies to Purchaser and, unless required by applicable law, may not be assigned or transferred to any other person or entity without OEM's prior written authorization. This Limited Warranty is valid only in the country in which the Product is first sold.

How to Obtain Warranty Service: See the Operator Manual(s) for instructions on how to register the Product, to obtain warranty repair authorization and service, and to make arrangements for the Product to be transported to an OEM-authorized service facility for warranty service. All warranty service and towing must be authorized by an OEM customer service representative before any warranty or towing service is performed. OEM shall not be responsible for, or reimburse Purchaser for, any costs or expenses relating to unauthorized warranty service or towing. Purchaser must notify OEM or its authorized customer service representative as soon as possible after discovery of any defect with the Product but in no event more than ten (10) days after discovery.

Exclusive Remedy: OEM will, at its option, repair or replace the Product if it is defective in materials or workmanship during the warranty period stated above and covered by this Limited Warranty. Such repair or replacement may be performed at an OEM facility or by an OEM-authorized service facility. Any repaired or replaced Product shall be warranted only for the remainder of the warranty period applicable to the original Product. THIS PARAGRAPH CONTAINS OEM'S SOLE OBLIGATION AND PURCHASER'S EXCLUSIVE REMEDIES FOR ANY DEFECTIVE PRODUCT COVERED BY THIS LIMITED WARRANTY.

Third Party Representations: No person or entity is authorized to create any other warranty, obligation or liability in connection with the Product, and OEM is not responsible for any representation, promise or warranty made by any person, dealer, component manufacturer, vehicle manufacturer, or other entity beyond what is expressly stated in this Limited Warranty.

Disclaimer of Other Warranties: THIS LIMITED WARRANTY IS OEM'S SOLE AND EXCLUSIVE WARRANTY WITH RESPECT TO THE PRODUCT. EXCEPT FOR THE LIMITED WARRANTIES STATED IN THIS CERTIFICATE, OEM MAKES NO OTHER EXPRESS OR IMPLIED REPRESENTATIONS OR WARRANTIES WHATSOEVER REGARDING THE PRODUCT INCLUDING, WITHOUT LIMITATION, ANY WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR NON-INFRINGEMENT, OR ANY WARRANTIES ARISING FROM COURSE OF DEALING OR USAGE OF TRADE, ALL OF WHICH ARE EXPRESSLY DISCLAIMED. THERE ARE NO WARRANTIES WHICH EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF. TO THE EXTENT THAT ANY IMPLIED WARRANTIES MAY NOT BE DISCLAIMED UNDER APPLICABLE LAW, SUCH WARRANTIES ARE EXPRESSLY LIMITED TO THE DURATION OF THE EXPRESS WARRANTY STATED IN THIS CERTIFICATE.

Limitation of Liability:
IN NO EVENT SHALL OEM BE LIABLE TO PURCHASER OR ANY THIRD PARTY FOR ANY INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, ENHANCED, PUNITIVE OR CONSEQUENTIAL DAMAGES RELATING TO OR ARISING OUT OF THE PRODUCT OR OTHERWISE (INCLUDING, WITHOUT LIMITATION, LOST REVENUE, LOST PROFITS, LOSS OF OPPORTUNITIES, LOSS OF USE, DOWN TIME, DIMINUTION IN VALUE, COST OF ALTERNATIVE TRANSPORTATION, INCONVENIENCE, COST OF LODGING, VEHICLE RENTAL EXPENSES, LABOR CHARGES, EQUIPMENT RENTAL CHARGES OR OTHER ECONOMIC LOSSES), WHETHER IN AN ACTION IN CONTRACT OR TORT (INCLUDING NEGLIGENCE), STRICT LIABILITY OR OTHERWISE, EVEN IF OEM HAS BEEN ADVISED OF THE POSSIBILITIES OF SUCH DAMAGES. FURTHER, OEM'S LIABILITY FOR ANY AND ALL WARRANTY CLAIMS HEREUNDER SHALL BE LIMITED TO THE PURCHASE PRICE OF THE PRODUCT.

General Exclusions and Conditions; What This Limited Warranty Does Not Cover:
The Product may incorporate subsystems, assemblies, parts, components, and other items manufactured by third-party manufacturers which may include, but are not limited to, chassis, engine and emissions system, transmission, transfer case, axles, suspensions, water pumps, monitors, valves, foam systems, aerial devices (each, a "Third-Party Part" and collectively, the "Third-Party Parts"). OEM does not warrant Third-Party Parts. Defects in materials and workmanship related to Third-Party Parts that carry their own warranty are subject to that warranty. OEM hereby assigns to Purchaser any assignable warranty applicable to the Third-Party Parts. The previous sentence is OEM's sole obligation with respect to Third-Party Parts.

This Limited Warranty does not apply to, and OEM shall have no responsibility or liability for, any claim, loss or damage resulting from or caused by any of the following: (a) normal wear and tear; (b) misuse, carelessness, abuse or neglect (e.g. overloading, driving over curbs or exposure to corrosive or flooded environments); (c) improper handling, storage or repairs; (d) use of the Product other than for its intended purpose; (e) collision, fire, theft, vandalism; (f) weather, freezing, flooding, acts of God, or other casualties; (g) exposure to salt, acids, corrosive agents or other damaging chemicals or materials; (h) components or systems, whether new or used, provided by Purchaser and installed at its request; (i) when the odometer or hour meter is disconnected, or its reading has been altered, or actual mileage or hours cannot be determined; (j) improper maintenance or use including, but not limited to, failure to follow the required or recommended maintenance schedules, failure to maintain operating parameters, and failure to follow operating instructions; (k) any Third-Party Parts; (l) additions or accessories not originally installed by OEM, including ancillary equipment used in firefighting, and any problems resulting from such additions or accessories; (m) any "aftermarket" devices installed on the Product; (n) the repair or modification of any existing part, component or subsystem originally installed by OEM without its prior express written authorization and any problems resulting from such repair or modification. Further, this Limited Warranty shall be null and void if the Product is ever leased or rented, whether or not for compensation, to another person or entity.

Miscellaneous Terms:
OEM reserves the right to make changes to the Product without incurring any obligation to modify or improve previously manufactured parts or products. Further, OEM may respond to or correct any issue or complaint for which it does not otherwise have responsibility under this Limited Warranty without becoming obligated to respond to or correct any future issue or complaint of a same or similar nature, and such response or correction shall not constitute an admission of warranty coverage or impose any additional obligations on OEM.

Fire Apparatus
Two (2) Years or 36,000 Miles
Electrical
Limited Warranty

Subject to the provisions, limitations, and exclusions set forth in this certificate, Spartan Fire, LLC ("OEM") extends the following Limited Warranty to the Purchaser of a fire apparatus vehicle manufactured by OEM (the "Apparatus"). As used herein, "Purchaser" means that person or entity which purchases and commences first commercial use of the Product for its intended purpose.

This Limited Warranty Covers:

The Apparatus's electrical system (the "Product") shall be free from defects in material and workmanship, under normal use and maintenance, for the warranty period described below in this certificate. Also see the Section herein entitled "Specific Exclusions and Conditions" for more details regarding the parts and components covered by this Limited Warranty.

This Limited Warranty Coverage will Begin:

The date the Product is placed into service by the Purchaser or thirty (30) days after the date of the Product invoice to the Purchaser, whichever comes first.

This Limited Warranty Coverage Ends After the First Occurrence of:

Two (2) Years or 36,000 Miles

Specific Exclusions and Conditions

This Limited Warranty only covers defects in the main wire harnesses and related circuit protection, connectors, routing, harness clamping, and wire protection of the Product. Parts, components and subsystems excluded from this Limited Warranty include, but are not limited to, electronic devices, lighting, bulbs, sirens, radios, intercoms, ECUs, gauges, switches, occupant protection airbags and pyrotechnics, electronically controlled valves, pressure governors, foam system controls, ABS, ESC, solenoids, and relays.

If the Product is manufactured using a chassis provided by a Third-Party Parts manufacturer (i.e. a commercial chassis), this Limited Warranty shall not apply to the chassis. Instead, the Product's chassis will be covered by, and subject to, a separate limited warranty provided by that Third-Party Parts manufacturer.

Who is Covered by this Limited Warranty: This Limited Warranty only applies to Purchaser and, unless required by applicable law, may not be assigned or transferred to any other person or entity without OEM's prior written authorization. This Limited Warranty is valid only in the country in which the Product is first sold.

How to Obtain Warranty Service: See the Operator Manual(s) for instructions on how to register the Product, to obtain warranty repair authorization and service, and to make arrangements for the Product to be transported to an OEM-authorized service facility for warranty service. All warranty service and towing must be authorized by an OEM customer service representative before any warranty or towing service is performed. OEM shall not be responsible for, or reimburse Purchaser for, any costs or expenses relating to unauthorized warranty service or towing. Purchaser must notify OEM or its authorized customer service representative as soon as possible after discovery of any defect with the Product but in no event more than ten (10) days after discovery.

Exclusive Remedy: OEM will, at its option, repair or replace the Product if it is defective in materials or workmanship during the warranty period stated above and covered by this Limited Warranty. Such repair or replacement may be performed at an OEM facility or by an OEM-authorized service facility. Any repaired or replaced Product shall be warranted only for the remainder of the warranty period applicable to the original Product. THIS PARAGRAPH CONTAINS OEM'S SOLE OBLIGATION AND PURCHASER'S EXCLUSIVE REMEDIES FOR ANY DEFECTIVE PRODUCT COVERED BY THIS LIMITED WARRANTY.

Third Party Representations: No person or entity is authorized to create any other warranty, obligation or liability in connection with the Product, and OEM is not responsible for any representation, promise or warranty made by any person, dealer, component manufacturer, vehicle manufacturer, or other entity beyond what is expressly stated in this Limited Warranty.

Disclaimer of Other Warranties: THIS LIMITED WARRANTY IS OEM'S SOLE AND EXCLUSIVE WARRANTY WITH RESPECT TO THE PRODUCT. EXCEPT FOR THE LIMITED WARRANTIES STATED IN THIS CERTIFICATE, OEM MAKES NO OTHER EXPRESS OR IMPLIED REPRESENTATIONS OR WARRANTIES WHATSOEVER REGARDING THE PRODUCT INCLUDING, WITHOUT LIMITATION, ANY WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR NON-INFRINGEMENT, OR ANY WARRANTIES ARISING FROM COURSE OF DEALING OR USAGE OF TRADE, ALL OF WHICH ARE EXPRESSLY DISCLAIMED. THERE ARE NO WARRANTIES WHICH EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF. TO THE EXTENT THAT ANY IMPLIED WARRANTIES MAY NOT BE DISCLAIMED UNDER APPLICABLE LAW, SUCH WARRANTIES ARE EXPRESSLY LIMITED TO THE DURATION OF THE EXPRESS WARRANTY STATED IN THIS CERTIFICATE.

Limitation of Liability:
IN NO EVENT SHALL OEM BE LIABLE TO PURCHASER OR ANY THIRD PARTY FOR ANY INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, ENHANCED, PUNITIVE OR CONSEQUENTIAL DAMAGES RELATING TO OR ARISING OUT OF THE PRODUCT OR OTHERWISE (INCLUDING, WITHOUT LIMITATION, LOST REVENUE, LOST PROFITS, LOSS OF OPPORTUNITIES, LOSS OF USE, DOWN TIME, DIMINUTION IN VALUE, COST OF ALTERNATIVE TRANSPORTATION, INCONVENIENCE, COST OF LODGING, VEHICLE RENTAL EXPENSES, LABOR CHARGES, EQUIPMENT RENTAL CHARGES OR OTHER ECONOMIC LOSSES), WHETHER IN AN ACTION IN CONTRACT OR TORT (INCLUDING NEGLIGENCE), STRICT LIABILITY OR OTHERWISE, EVEN IF OEM HAS BEEN ADVISED OF THE POSSIBILITIES OF SUCH DAMAGES. FURTHER, OEM'S LIABILITY FOR ANY AND ALL WARRANTY CLAIMS HEREUNDER SHALL BE LIMITED TO THE PURCHASE PRICE OF THE PRODUCT.

General Exclusions and Conditions; What This Limited Warranty Does Not Cover:
The Product may incorporate subsystems, assemblies, parts, components, and other items manufactured by third-party manufacturers which may include, but are not limited to, chassis, engine and emissions system, transmission, transfer case, axles, suspensions, water pumps, monitors, valves, foam systems, aerial devices (each, a "Third-Party Part" and collectively, the "Third-Party Parts"). OEM does not warrant Third-Party Parts. Defects in materials and workmanship related to Third-Party Parts that carry their own warranty are subject to that warranty. OEM hereby assigns to Purchaser any assignable warranty applicable to the Third-Party Parts. The previous sentence is OEM's sole obligation with respect to Third-Party Parts.

This Limited Warranty does not apply to, and OEM shall have no responsibility or liability for, any claim, loss or damage resulting from or caused by any of the following: (a) normal wear and tear; (b) misuse, carelessness, abuse or neglect (e.g. overloading, driving over curbs or exposure to corrosive or flooded environments); (c) improper handling, storage or repairs; (d) use of the Product other than for its intended purpose; (e) collision, fire, theft, vandalism; (f) weather, freezing, flooding, acts of God, or other casualties; (g) exposure to salt, acids, corrosive agents or other damaging chemicals or materials; (h) components or systems, whether new or used, provided by Purchaser and installed at its request; (i) when the odometer or hour meter is disconnected, or its reading has been altered, or actual mileage or hours cannot be determined; (j) improper maintenance or use including, but not limited to, failure to follow the required or recommended maintenance schedules, failure to maintain operating parameters, and failure to follow operating instructions; (k) any Third-Party Parts; (l) additions or accessories not originally installed by OEM, including ancillary equipment used in firefighting, and any problems resulting from such additions or accessories; (m) any "aftermarket" devices installed on the Product; (n) the repair or modification of any existing part, component or subsystem originally installed by OEM without its prior express written authorization and any problems resulting from such repair or modification. Further, this Limited Warranty shall be null and void if the Product is ever leased or rented, whether or not for compensation, to another person or entity.

Miscellaneous Terms:
OEM reserves the right to make changes to the Product without incurring any obligation to modify or improve previously manufactured parts or products. Further, OEM may respond to or correct any issue or complaint for which it does not otherwise have responsibility under this Limited Warranty without becoming obligated to respond to or correct any future issue or complaint of a same or similar nature, and such response or correction shall not constitute an admission of warranty coverage or impose any additional obligations on OEM.

SPARTAN
REV GROUP
FIRE CHASSIS

Fire Apparatus
Two (2) Years or 36,000 Miles
Electrical
Limited Warranty

Subject to the provisions, limitations, and exclusions set forth in this certificate, Spartan Fire, LLC ("OEM") extends the following Limited Warranty to the Purchaser of a fire apparatus vehicle manufactured by OEM (the "Apparatus"). As used herein, "Purchaser" means that person or entity which purchases and commences first commercial use of the Product for its intended purpose.

This Limited Warranty Covers:
The Apparatus's electrical system (the "Product") shall be free from defects in material and workmanship, under normal use and maintenance, for the warranty period described below in this certificate. Also see the Section herein entitled "Specific Exclusions and Conditions" for more details regarding the parts and components covered by this Limited Warranty.
This Limited Warranty Coverage will Begin:
The date the Product is placed into service by the Purchaser or thirty (30) days after the date of the Product invoice to the Purchaser, whichever comes first.
This Limited Warranty Coverage Ends After the First Occurrence of:
Two (2) Years or 36,000 Miles

Specific Exclusions and Conditions
This Limited Warranty only covers defects in the main wire harnesses and related circuit protection, connectors, routing, harness clamping, and wire protection of the Product. Parts, components and subsystems excluded from this Limited Warranty include, but are not limited to, electronic devices, lighting, bulbs, sirens, radios, intercoms, ECUs, gauges, switches, occupant protection airbags and pyrotechnics, electronically controlled valves, pressure governors, foam system controls, ABS, ESC, solenoids, and relays. If the Product is manufactured using a chassis provided by a Third-Party Parts manufacturer (i.e. a commercial chassis), this Limited Warranty shall not apply to the chassis. Instead, the Product's chassis will be covered by, and subject to, a separate limited warranty provided by that Third-Party Parts manufacturer.

Who is Covered by this Limited Warranty: This Limited Warranty only applies to Purchaser and, unless required by applicable law, may not be assigned or transferred to any other person or entity without OEM's prior written authorization. This Limited Warranty is valid only in the country in which the Product is first sold.

How to Obtain Warranty Service: See the Operator Manual(s) for instructions on how to register the Product, to obtain warranty repair authorization and service, and to make arrangements for the Product to be transported to an OEM-authorized service facility for warranty service. All warranty service and towing must be authorized by an OEM customer service representative before any warranty or towing service is performed. OEM shall not be responsible for, or reimburse Purchaser for, any costs or expenses relating to unauthorized warranty service or towing. Purchaser must notify OEM or its authorized customer service representative as soon as possible after discovery of any defect with the Product but in no event more than ten (10) days after discovery.

Exclusive Remedy: OEM will, at its option, repair or replace the Product if it is defective in materials or workmanship during the warranty period stated above and covered by this Limited Warranty. Such repair or replacement may be performed at an OEM facility or by an OEM-authorized service facility. Any repaired or replaced Product shall be warranted only for the remainder of the warranty period applicable to the original Product. THIS PARAGRAPH CONTAINS OEM'S SOLE OBLIGATION AND PURCHASER'S EXCLUSIVE REMEDIES FOR ANY DEFECTIVE PRODUCT COVERED BY THIS LIMITED WARRANTY.

Third Party Representations: No person or entity is authorized to create any other warranty, obligation or liability in connection with the Product, and OEM is not responsible for any representation, promise or warranty made by any person, dealer, component manufacturer, vehicle manufacturer, or other entity beyond what is expressly stated in this Limited Warranty.

Disclaimer of Other Warranties: THIS LIMITED WARRANTY IS OEM'S SOLE AND EXCLUSIVE WARRANTY WITH RESPECT TO THE PRODUCT. EXCEPT FOR THE LIMITED WARRANTIES STATED IN THIS CERTIFICATE, OEM MAKES NO OTHER EXPRESS OR IMPLIED REPRESENTATIONS OR WARRANTIES WHATSOEVER REGARDING THE PRODUCT INCLUDING, WITHOUT LIMITATION, ANY WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR NON-INFRINGEMENT, OR ANY WARRANTIES ARISING FROM COURSE OF DEALING OR USAGE OF TRADE, ALL OF WHICH ARE EXPRESSLY DISCLAIMED. THERE ARE NO WARRANTIES WHICH EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF. TO THE EXTENT THAT ANY IMPLIED WARRANTIES MAY NOT BE DISCLAIMED UNDER APPLICABLE LAW, SUCH WARRANTIES ARE EXPRESSLY LIMITED TO THE DURATION OF THE EXPRESS WARRANTY STATED IN THIS CERTIFICATE.

Limitation of Liability:
IN NO EVENT SHALL OEM BE LIABLE TO PURCHASER OR ANY THIRD PARTY FOR ANY INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, ENHANCED, PUNITIVE OR CONSEQUENTIAL DAMAGES RELATING TO OR ARISING OUT OF THE PRODUCT OR OTHERWISE (INCLUDING, WITHOUT LIMITATION, LOST REVENUE, LOST PROFITS, LOSS OF OPPORTUNITIES, LOSS OF USE, DOWN TIME, DIMINUTION IN VALUE, COST OF ALTERNATIVE TRANSPORTATION, INCONVENIENCE, COST OF LODGING, VEHICLE RENTAL EXPENSES, LABOR CHARGES, EQUIPMENT RENTAL CHARGES OR OTHER ECONOMIC LOSSES), WHETHER IN AN ACTION IN CONTRACT OR TORT (INCLUDING NEGLIGENCE), STRICT LIABILITY OR OTHERWISE, EVEN IF OEM HAS BEEN ADVISED OF THE POSSIBILITIES OF SUCH DAMAGES. FURTHER, OEM'S LIABILITY FOR ANY AND ALL WARRANTY CLAIMS HEREUNDER SHALL BE LIMITED TO THE PURCHASE PRICE OF THE PRODUCT.

General Exclusions and Conditions; What This Limited Warranty Does Not Cover:
The Product may incorporate subsystems, assemblies, parts, components, and other items manufactured by third-party manufacturers which may include, but are not limited to, chassis, engine and emissions system, transmission, transfer case, axles, suspensions, water pumps, monitors, valves, foam systems, aerial devices (each, a "Third-Party Part" and collectively, the "Third-Party Parts"). OEM does not warrant Third-Party Parts. Defects in materials and workmanship related to Third-Party Parts that carry their own warranty are subject to that warranty. OEM hereby assigns to Purchaser any assignable warranty applicable to the Third-Party Parts. The previous sentence is OEM's sole obligation with respect to Third-Party Parts.

This Limited Warranty does not apply to, and OEM shall have no responsibility or liability for, any claim, loss or damage resulting from or caused by any of the following: (a) normal wear and tear; (b) misuse, carelessness, abuse or neglect (e.g. overloading, driving over curbs or exposure to corrosive or flooded environments); (c) improper handling, storage or repairs; (d) use of the Product other than for its intended purpose; (e) collision, fire, theft, vandalism; (f) weather, freezing, flooding, acts of God, or other casualties; (g) exposure to salt, acids, corrosive agents or other damaging chemicals or materials; (h) components or systems, whether new or used, provided by Purchaser and installed at its request; (i) when the odometer or hour meter is disconnected, or its reading has been altered, or actual mileage or hours cannot be determined; (j) improper maintenance or use including, but not limited to, failure to follow the required or recommended maintenance schedules, failure to maintain operating parameters, and failure to follow operating instructions; (k) any Third-Party Parts; (l) additions or accessories not originally installed by OEM, including ancillary equipment used in firefighting, and any problems resulting from such additions or accessories; (m) any "aftermarket" devices installed on the Product; (n) the repair or modification of any existing part, component or subsystem originally installed by OEM without its prior express written authorization and any problems resulting from such repair or modification. Further, this Limited Warranty shall be null and void if the Product is ever leased or rented, whether or not for compensation, to another person or entity.

Miscellaneous Terms:
OEM reserves the right to make changes to the Product without incurring any obligation to modify or improve previously manufactured parts or products. Further, OEM may respond to or correct any issue or complaint for which it does not otherwise have responsibility under this Limited Warranty without becoming obligated to respond to or correct any future issue or complaint of a same or similar nature, and such response or correction shall not constitute an admission of warranty coverage or impose any additional obligations on OEM.

Fire Apparatus
Ten (10) Years or 100,000 Miles
Body Structure (Aluminum)
Limited Warranty

Subject to the provisions, limitations, and exclusions set forth in this certificate, Spartan Fire, LLC ("OEM") extends the following Limited Warranty to the Purchaser of a fire apparatus vehicle manufactured by OEM (the "Apparatus"). As used herein, "Purchaser" means that person or entity which purchases and commences first commercial use of the Product for its intended purpose.

This Limited Warranty Covers:
The Apparatus's aluminum body structure system (the "Product") shall be free from defects in material and workmanship, under normal use and maintenance, for the warranty period described below in this certificate. Also see the Section herein entitled "Specific Exclusions and Conditions" for more details regarding the parts and components covered by this Limited Warranty.
This Limited Warranty Coverage will Begin:
The date the Product is placed into service by the Purchaser or thirty (30) days after the date of the Product invoice to the Purchaser, whichever comes first.
This Limited Warranty Coverage Ends After the First Occurrence of:
Ten (10) Years or 100,000 Miles

Specific Exclusions and Conditions
This Limited Warranty only covers defects in the material and workmanship of the aluminum body structural components of the Product. Parts, components and subsystems excluded from this Limited Warranty include, but are not limited to, the exterior coating, graphics, corrosion damage, electrical system, lighting, equipment mounting, shelves, trays, compartment doors, hinges, trim parts, body mounting brackets, vibration isolators, fasteners or hardware.

Who is Covered by this Limited Warranty: This Limited Warranty only applies to Purchaser and, unless required by applicable law, may not be assigned or transferred to any other person or entity without OEM's prior written authorization. This Limited Warranty is valid only in the country in which the Product is first sold.

How to Obtain Warranty Service: See the Operator Manual(s) for instructions on how to register the Product, to obtain warranty repair authorization and service, and to make arrangements for the Product to be transported to an OEM-authorized service facility for warranty service. All warranty service and towing must be authorized by an OEM customer service representative before any warranty or towing service is performed. OEM shall not be responsible for, or reimburse Purchaser for, any costs or expenses relating to unauthorized warranty service or towing. Purchaser must notify OEM or its authorized customer service representative as soon as possible after discovery of any defect with the Product but in no event more than ten (10) days after discovery.

Exclusive Remedy: OEM will, at its option, repair or replace the Product if it is defective in materials or workmanship during the warranty period stated above and covered by this Limited Warranty. Such repair or replacement may be performed at an OEM facility or by an OEM-authorized service facility. Any repaired or replaced Product shall be warranted only for the remainder of the warranty period applicable to the original Product. THIS PARAGRAPH CONTAINS OEM'S SOLE OBLIGATION AND PURCHASER'S EXCLUSIVE REMEDIES FOR ANY DEFECTIVE PRODUCT COVERED BY THIS LIMITED WARRANTY.

Third Party Representations: No person or entity is authorized to create any other warranty, obligation or liability in connection with the Product, and OEM is not responsible for any representation, promise or warranty made by any person, dealer, component manufacturer, vehicle manufacturer, or other entity beyond what is expressly stated in this Limited Warranty.

Disclaimer of Other Warranties: THIS LIMITED WARRANTY IS OEM'S SOLE AND EXCLUSIVE WARRANTY WITH RESPECT TO THE PRODUCT. EXCEPT FOR THE LIMITED WARRANTIES STATED IN THIS CERTIFICATE, OEM MAKES NO OTHER EXPRESS OR IMPLIED REPRESENTATIONS OR WARRANTIES WHATSOEVER REGARDING THE PRODUCT INCLUDING, WITHOUT LIMITATION, ANY WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR NON-INFRINGEMENT, OR ANY WARRANTIES ARISING FROM COURSE OF DEALING OR USAGE OF TRADE, ALL OF WHICH ARE EXPRESSLY DISCLAIMED. THERE ARE NO WARRANTIES WHICH EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF. TO THE EXTENT THAT ANY IMPLIED WARRANTIES MAY NOT BE DISCLAIMED UNDER APPLICABLE LAW, SUCH WARRANTIES ARE EXPRESSLY LIMITED TO THE DURATION OF THE EXPRESS WARRANTY STATED IN THIS CERTIFICATE.

Limitation of Liability:
IN NO EVENT SHALL OEM BE LIABLE TO PURCHASER OR ANY THIRD PARTY FOR ANY INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, ENHANCED, PUNITIVE OR CONSEQUENTIAL DAMAGES RELATING TO OR ARISING OUT OF THE PRODUCT OR OTHERWISE (INCLUDING, WITHOUT LIMITATION, LOST REVENUE, LOST PROFITS, LOSS OF OPPORTUNITIES, LOSS OF USE, DOWN TIME, DIMINUTION IN VALUE, COST OF ALTERNATIVE TRANSPORTATION, INCONVENIENCE, COST OF LODGING, VEHICLE RENTAL EXPENSES, LABOR CHARGES, EQUIPMENT RENTAL CHARGES OR OTHER ECONOMIC LOSSES), WHETHER IN AN ACTION IN CONTRACT OR TORT (INCLUDING NEGLIGENCE), STRICT LIABILITY OR OTHERWISE, EVEN IF OEM HAS BEEN ADVISED OF THE POSSIBILITIES OF SUCH DAMAGES. FURTHER, OEM'S LIABILITY FOR ANY AND ALL WARRANTY CLAIMS HEREUNDER SHALL BE LIMITED TO THE PURCHASE PRICE OF THE PRODUCT.

General Exclusions and Conditions; What This Limited Warranty Does Not Cover:
The Product may incorporate subsystems, assemblies, parts, components, and other items manufactured by third-party manufacturers which may include, but are not limited to, chassis, engine and emissions system, transmission, transfer case, axles, suspensions, water pumps, monitors, valves, foam systems, aerial devices (each, a "Third-Party Part" and collectively, the "Third-Party Parts"). OEM does not warrant Third-Party Parts. Defects in materials and workmanship related to Third-Party Parts that carry their own warranty are subject to that warranty. OEM hereby assigns to Purchaser any assignable warranty applicable to the Third-Party Parts. The previous sentence is OEM's sole obligation with respect to Third-Party Parts.

This Limited Warranty does not apply to, and OEM shall have no responsibility or liability for, any claim, loss or damage resulting from or caused by any of the following: (a) normal wear and tear; (b) misuse, carelessness, abuse or neglect (e.g. overloading, driving over curbs or exposure to corrosive or flooded environments); (c) improper handling, storage or repairs; (d) use of the Product other than for its intended purpose; (e) collision, fire, theft, vandalism; (f) weather, freezing, flooding, acts of God, or other casualties; (g) exposure to salt, acids, corrosive agents or other damaging chemicals or materials; (h) components or systems, whether new or used, provided by Purchaser and installed at its request; (i) when the odometer or hour meter is disconnected, or its reading has been altered, or actual mileage or hours cannot be determined; (j) improper maintenance or use including, but not limited to, failure to follow the required or recommended maintenance schedules, failure to maintain operating parameters, and failure to follow operating instructions; (k) any Third-Party Parts; (l) additions or accessories not originally installed by OEM, including ancillary equipment used in firefighting, and any problems resulting from such additions or accessories; (m) any "aftermarket" devices installed on the Product; (n) the repair or modification of any existing part, component or subsystem originally installed by OEM without its prior express written authorization and any problems resulting from such repair or modification. Further, this Limited Warranty shall be null and void if the Product is ever leased or rented, whether or not for compensation, to another person or entity.

Miscellaneous Terms:
OEM reserves the right to make changes to the Product without incurring any obligation to modify or improve previously manufactured parts or products. Further, OEM may respond to or correct any issue or complaint for which it does not otherwise have responsibility under this Limited Warranty without becoming obligated to respond to or correct any future issue or complaint of a same or similar nature, and such response or correction shall not constitute an admission of warranty coverage or impose any additional obligations on OEM.

Fire Apparatus
Ten (10) Years or 100,000 Miles
Plumbing and Piping (Stainless Steel)
Limited Warranty

Subject to the provisions, limitations, and exclusions set forth in this certificate, Spartan Fire, LLC ("OEM") extends the following Limited Warranty to the Purchaser of a fire apparatus vehicle manufactured by OEM (the Apparatus"). As used herein, "Purchaser" means that person or entity which purchases and commences first commercial use of the Product for its intended purpose.

This Limited Warranty Covers:
The Apparatus's stainless steel fire suppression plumbing and piping system (the "Product") shall be free from defects in material and workmanship, under normal use and maintenance, for the warranty period described below in this certificate. Also see the Section herein entitled "Specific Exclusions and Conditions" for more details regarding the parts and components covered by this Limited Warranty.
This Limited Warranty Coverage will Begin:
The date the Product is placed into service by the Purchaser or thirty (30) days after the date of the Product invoice to the Purchaser, whichever comes first.
This Limited Warranty Coverage Ends After the First Occurrence of:
Ten (10) Years or 100,000 Miles

Specific Exclusions and Conditions
This Limited Warranty only covers defects in the material and workmanship of the stainless steel fire suppression pipes and associated joints for intake and discharge lines of the Product. Parts, components and subsystems excluded from this Limited Warranty include, but are not limited to, the exterior coatings, electrical system, pump and pump accessories, valves, monitors, light towers, generators, gauges, hoses, trim parts, fasteners or hardware.

Who is Covered by this Limited Warranty: This Limited Warranty only applies to Purchaser and, unless required by applicable law, may not be assigned or transferred to any other person or entity without OEM's prior written authorization. This Limited Warranty is valid only in the country in which the Product is first sold.

How to Obtain Warranty Service: See the Operator Manual(s) for instructions on how to register the Product, to obtain warranty repair authorization and service, and to make arrangements for the Product to be transported to an OEM-authorized service facility for warranty service. All warranty service and towing must be authorized by an OEM customer service representative before any warranty or towing service is performed. OEM shall not be responsible for, or reimburse Purchaser for, any costs or expenses relating to unauthorized warranty service or towing. Purchaser must notify OEM or its authorized customer service representative as soon as possible after discovery of any defect with the Product but in no event more than ten (10) days after discovery.

Exclusive Remedy: OEM will, at its option, repair or replace the Product if it is defective in materials or workmanship during the warranty period stated above and covered by this Limited Warranty. Such repair or replacement may be performed at an OEM facility or by an OEM-authorized service facility. Any repaired or replaced Product shall be warranted only for the remainder of the warranty period applicable to the original Product. THIS PARAGRAPH CONTAINS OEM'S SOLE OBLIGATION AND PURCHASER'S EXCLUSIVE REMEDIES FOR ANY DEFECTIVE PRODUCT COVERED BY THIS LIMITED WARRANTY.

Third Party Representations: No person or entity is authorized to create any other warranty, obligation or liability in connection with the Product, and OEM is not responsible for any representation, promise or warranty made by any person, dealer, component manufacturer, vehicle manufacturer, or other entity beyond what is expressly stated in this Limited Warranty.

Disclaimer of Other Warranties: THIS LIMITED WARRANTY IS OEM'S SOLE AND EXCLUSIVE WARRANTY WITH RESPECT TO THE PRODUCT. EXCEPT FOR THE LIMITED WARRANTIES STATED IN THIS CERTIFICATE, OEM MAKES NO OTHER EXPRESS OR IMPLIED REPRESENTATIONS OR WARRANTIES WHATSOEVER REGARDING THE PRODUCT INCLUDING, WITHOUT LIMITATION, ANY WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR NON-INFRINGEMENT, OR ANY WARRANTIES ARISING FROM COURSE OF DEALING OR USAGE OF TRADE, ALL OF WHICH ARE EXPRESSLY DISCLAIMED. THERE ARE NO WARRANTIES WHICH EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF. TO THE EXTENT THAT ANY IMPLIED WARRANTIES MAY NOT BE DISCLAIMED UNDER APPLICABLE LAW, SUCH WARRANTIES ARE EXPRESSLY LIMITED TO THE DURATION OF THE EXPRESS WARRANTY STATED IN THIS CERTIFICATE.

Limitation of Liability:
IN NO EVENT SHALL OEM BE LIABLE TO PURCHASER OR ANY THIRD PARTY FOR ANY INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, ENHANCED, PUNITIVE OR CONSEQUENTIAL DAMAGES RELATING TO OR ARISING OUT OF THE PRODUCT OR OTHERWISE (INCLUDING, WITHOUT LIMITATION, LOST REVENUE, LOST PROFITS, LOSS OF OPPORTUNITIES, LOSS OF USE, DOWN TIME, DIMINUTION IN VALUE, COST OF ALTERNATIVE TRANSPORTATION, INCONVENIENCE, COST OF LODGING, VEHICLE RENTAL EXPENSES, LABOR CHARGES, EQUIPMENT RENTAL CHARGES OR OTHER ECONOMIC LOSSES), WHETHER IN AN ACTION IN CONTRACT OR TORT (INCLUDING NEGLIGENCE), STRICT LIABILITY OR OTHERWISE, EVEN IF OEM HAS BEEN ADVISED OF THE POSSIBILITIES OF SUCH DAMAGES. FURTHER, OEM'S LIABILITY FOR ANY AND ALL WARRANTY CLAIMS HEREUNDER SHALL BE LIMITED TO THE PURCHASE PRICE OF THE PRODUCT.

General Exclusions and Conditions; What This Limited Warranty Does Not Cover:
The Product may incorporate subsystems, assemblies, parts, components, and other items manufactured by third-party manufacturers which may include, but are not limited to, chassis, engine and emissions system, transmission, transfer case, axles, suspensions, water pumps, monitors, valves, foam systems, aerial devices (each, a "Third-Party Part" and collectively, the "Third-Party Parts"). OEM does not warrant Third-Party Parts. Defects in materials and workmanship related to Third-Party Parts that carry their own warranty are subject to that warranty. OEM hereby assigns to Purchaser any assignable warranty applicable to the Third-Party Parts. The previous sentence is OEM's sole obligation with respect to Third-Party Parts.

This Limited Warranty does not apply to, and OEM shall have no responsibility or liability for, any claim, loss or damage resulting from or caused by any of the following: (a) normal wear and tear; (b) misuse, carelessness, abuse or neglect (e.g. overloading, driving over curbs or exposure to corrosive or flooded environments); (c) improper handling, storage or repairs; (d) use of the Product other than for its intended purpose; (e) collision, fire, theft, vandalism; (f) weather, freezing, flooding, acts of God, or other casualties; (g) exposure to salt, acids, corrosive agents or other damaging chemicals or materials; (h) components or systems, whether new or used, provided by Purchaser and installed at its request; (i) when the odometer or hour meter is disconnected, or its reading has been altered, or actual mileage or hours cannot be determined; (j) improper maintenance or use including, but not limited to, failure to follow the required or recommended maintenance schedules, failure to maintain operating parameters, and failure to follow operating instructions; (k) any Third-Party Parts; (l) additions or accessories not originally installed by OEM, including ancillary equipment used in firefighting, and any problems resulting from such additions or accessories; (m) any "aftermarket" devices installed on the Product; (n) the repair or modification of any existing part, component or subsystem originally installed by OEM without its prior express written authorization and any problems resulting from such repair or modification. Further, this Limited Warranty shall be null and void if the Product is ever leased or rented, whether or not for compensation, to another person or entity.

Miscellaneous Terms:
OEM reserves the right to make changes to the Product without incurring any obligation to modify or improve previously manufactured parts or products. Further, OEM may respond to or correct any issue or complaint for which it does not otherwise have responsibility under this Limited Warranty without becoming obligated to respond to or correct any future issue or complaint of a same or similar nature, and such response or correction shall not constitute an admission of warranty coverage or impose any additional obligations on OEM.

Fire Apparatus
Ten (10) Years
Paint and Finish (Exterior Clear coated) Non-Prorated
Limited Warranty

Subject to the provisions, limitations, and exclusions set forth in this certificate, Spartan Fire, LLC ("OEM") extends the following Limited Warranty to the Purchaser of a fire apparatus vehicle manufactured by OEM (the Apparatus"). As used herein, "Purchaser" means that person or entity which purchases and commences first commercial use of the Product for its intended purpose.

This Limited Warranty Covers:

The Apparatus's OEM-applied exterior coating and finishing system (the "Product") shall be free from the paint system adhesion defects listed in the Section herein entitled "Specific Exclusions and Conditions", under normal use and maintenance, for the warranty period described in this certificate.

If the Product is manufactured using a chassis provided by a Third-Party Parts manufacturer (i.e. a commercial chassis), this Limited Warranty shall not apply to the chassis. Instead, the Product's chassis will be covered by, and subject to, a separate limited warranty provided by that Third-Party Parts manufacturer. In addition, also see the Section herein entitled "Specific Exclusions and Conditions" for more details regarding this Limited Warranty.

This Limited Warranty Coverage will Begin:

The date the Product is placed into service by the Purchaser or thirty (30) days after the date of the Product invoice to the Purchaser, whichever comes first.

This Limited Warranty Coverage Ends After the First Occurrence of:

Ten (10) Years

Who is Covered by this Limited Warranty: This Limited Warranty only applies to Purchaser and, unless required by applicable law, may not be assigned or transferred to any other person or entity without OEM's prior written authorization. This Limited Warranty is valid only in the country in which the Product is first sold.

How to Obtain Warranty Service: See the Operator Manual(s) for instructions on how to register the Product, to obtain warranty repair authorization and service, and to make arrangements for the Product to be transported to an OEM-authorized service facility for warranty service. All warranty service and towing must be authorized by an OEM customer service representative before any warranty or towing service is performed. OEM shall not be responsible for, or reimburse Purchaser for, any costs or expenses relating to unauthorized warranty service or towing. Purchaser must notify OEM or its authorized customer service representative as soon as possible after discovery of any defect with the Product but in no event more than ten (10) days after discovery.

Exclusive Remedy: OEM will, at its option, repair or replace the Product if it is defective in materials or workmanship during the warranty period stated above and covered by this Limited Warranty. Such repair or replacement may be performed at an OEM facility or by an OEM-authorized service facility. Any repaired or replaced Product shall be warranted only for the remainder of the warranty period applicable to the original Product. THIS PARAGRAPH CONTAINS OEM'S SOLE OBLIGATION AND PURCHASER'S EXCLUSIVE REMEDIES FOR ANY DEFECTIVE PRODUCT COVERED BY THIS LIMITED WARRANTY.

Third Party Representations: No person or entity is authorized to create any other warranty, obligation or liability in connection with the Product, and OEM is not responsible for any representation, promise or warranty made by any person, dealer, component manufacturer, vehicle manufacturer, or other entity beyond what is expressly stated in this Limited Warranty.

Disclaimer of Other Warranties: THIS LIMITED WARRANTY IS OEM'S SOLE AND EXCLUSIVE WARRANTY WITH RESPECT TO THE PRODUCT. EXCEPT FOR THE LIMITED WARRANTIES STATED IN THIS CERTIFICATE, OEM MAKES NO OTHER EXPRESS OR IMPLIED REPRESENTATIONS OR WARRANTIES WHATSOEVER REGARDING THE PRODUCT INCLUDING, WITHOUT LIMITATION, ANY WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR NON-INFRINGEMENT, OR ANY WARRANTIES ARISING FROM COURSE OF DEALING OR USAGE OF TRADE, ALL OF WHICH ARE EXPRESSLY DISCLAIMED. THERE ARE NO WARRANTIES WHICH EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF. TO THE EXTENT THAT ANY IMPLIED WARRANTIES MAY NOT BE DISCLAIMED UNDER APPLICABLE LAW, SUCH WARRANTIES ARE EXPRESSLY LIMITED TO THE DURATION OF THE EXPRESS WARRANTY STATED IN THIS CERTIFICATE.

Limitation of Liability:
IN NO EVENT SHALL OEM BE LIABLE TO PURCHASER OR ANY THIRD PARTY FOR ANY INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, ENHANCED, PUNITIVE OR CONSEQUENTIAL DAMAGES RELATING TO OR ARISING OUT OF THE PRODUCT OR OTHERWISE (INCLUDING, WITHOUT LIMITATION, LOST REVENUE, LOST PROFITS, LOSS OF OPPORTUNITIES, LOSS OF USE, DOWN TIME, DIMINUTION IN VALUE, COST OF ALTERNATIVE TRANSPORTATION, INCONVENIENCE, COST OF LODGING, VEHICLE RENTAL EXPENSES, LABOR CHARGES, EQUIPMENT RENTAL CHARGES OR OTHER ECONOMIC LOSSES), WHETHER IN AN ACTION IN CONTRACT OR TORT (INCLUDING NEGLIGENCE), STRICT LIABILITY OR OTHERWISE, EVEN IF OEM HAS BEEN ADVISED OF THE POSSIBILITIES OF SUCH DAMAGES. FURTHER, OEM'S LIABILITY FOR ANY AND ALL WARRANTY CLAIMS HEREUNDER SHALL BE LIMITED TO THE PURCHASE PRICE OF THE PRODUCT.

Specific Exclusions and Conditions

This Limited Warranty only covers defects in the following aspects of the Product:
A. Loss of adhesion of the Product resulting in rusting less than Rust Grade 5 as in ASTM D 610-08.
B. Cracking of the Paint System as set forth in ASTM D 661-93.
C. Excessive loss of gloss caused by cracking, checking, and hazing.
D. Scab corrosion, and corrosion under the paint film, where the point of origin is not: (a) A breach of the coating that occurred because of damage to the paint system, (b) Corrosion originating from a crevice, or (c) Dissimilar metals
E. Chemical Resistance meet ASTM D1308 standards 25 MEK double rubs.
F. Stone Chip SAE J400 Method A – 4B or above.

Damage or Defects excluded from this Limited Warranty include, but are not limited to:
1. Use of cleaning products not prescribed in the apparatus operator manual(s).
2. Exposure to corrosive agents, acid rain, chemical fallout.
3. Heavy-duty pressure washing or aggressive mechanical wash systems.
4. Paint deterioration caused by abuse, accidents, scratches, chips, or bruises.
5. Paint or coatings on the vehicle's undercarriage, interior, or aerial structure.
6. Applied or painted graphics, reflective material or gold leaf.
7. Paints or coatings of supplier parts including roller shutter doors.
8. Mechanical abrasion or external foreign object damage.
9. Application of, or removal of, stickers or decals including replacement.
10. Body compartment interior coatings, undercarriage and frame.
11. Defects resulting from or inherent to application such as runs, orange peel, and fisheyes.
12. Defects caused by acid rain and industrial fallout.

As a condition to maintaining this Limited Warranty, the Apparatus must be inspected by an OEM authorized representative on a three, five, seven and ten year basis. The inspection report must document completely the condition of the painted surfaces and be submitted to the OEM Warranty department by no later than 45 days after each inspection. It is Purchaser's sole responsibility to arrange for each paint inspection. If an inspection report is not submitted within 45 days after the required inspection date, this Limited Warranty will be null and void, and the OEM's standard prorated paint Limited Warranty shall apply.

General Exclusions and Conditions; What This Limited Warranty Does Not Cover:
The Product may incorporate subsystems, assemblies, parts, components, and other items manufactured by third-party manufacturers which may include, but are not limited to, chassis, engine and emissions system, transmission, transfer case, axles, suspensions, water pumps, monitors, valves, foam systems, aerial devices (each, a "Third-Party Part" and collectively, the "Third-Party Parts"). OEM does not warrant Third-Party Parts. Defects in materials and workmanship related to Third-Party Parts that carry their own warranty are subject to that warranty. OEM hereby assigns to Purchaser any assignable warranty applicable to the Third-Party Parts. The previous sentence is OEM's sole obligation with respect to Third-Party Parts.

This Limited Warranty does not apply to, and OEM shall have no responsibility or liability for, any claim, loss or damage resulting from or caused by any of the following: (a) normal wear and tear; (b) misuse, carelessness, abuse or neglect (e.g. overloading, driving over curbs or exposure to corrosive or flooded environments); (c) improper handling, storage or repairs; (d) use of the Product other than for its intended purpose; (e) collision, fire, theft, vandalism; (f) weather, freezing, flooding, acts of God, or other casualties; (g) exposure to salt, acids, corrosive agents or other damaging chemicals or materials; (h) components or systems, whether new or used, provided by Purchaser and installed at its request; (i) when the odometer or hour meter is disconnected, or its reading has been altered, or actual mileage or hours cannot be determined; (j) improper maintenance or use including, but not limited to, failure to follow the required or recommended maintenance schedules, failure to maintain operating parameters, and failure to follow operating instructions; (k) any Third-Party Parts; (l) additions or accessories not originally installed by OEM, including ancillary equipment used in firefighting, and any problems resulting from such additions or accessories; (m) any "aftermarket" devices installed on the Product; (n) the repair or modification of any existing part, component or subsystem originally installed by OEM without its prior express written authorization and any problems resulting from such repair or modification. Further, this Limited Warranty shall be null and void if the Product is ever leased or rented, whether or not for compensation, to another person or entity.

Miscellaneous Terms:
OEM reserves the right to make changes to the Product without incurring any obligation to modify or improve previously manufactured parts or products. Further, OEM may respond to or correct any issue or complaint for which it does not otherwise have responsibility under this Limited Warranty without becoming obligated to respond to or correct any future issue or complaint of a same or similar nature, and such response or correction shall not constitute an admission of warranty coverage or impose any additional obligations on OEM.

Commercial Vehicle Paint Finishing Center

This Certificate recognizes that

Spartan Motors

Meets all of the requirements of the PPG
Commercial Vehicle Paint Performance Warranty Program

Chris Pannent
Director of Commercial Coatings Sales

Craig Bier
PPG Certified Commercial Coatings Instructor

Issued: August 25, 2017

This certification is valid for a period of two years from the date issued and expires on August 25, 2019

PPG

Custom Chassis

Three (3) Years or 48,000 Miles

Frame Components Corrosion (Powder Coat)

Limited Warranty

Subject to the provisions, limitations, and exclusions set forth in this certificate, Spartan Fire, LLC ("OEM") extends the following Limited Warranty to the Purchaser of a fire apparatus vehicle manufactured by OEM (the "Apparatus"). As used herein, "Purchaser" means that person or entity which purchases and commences first commercial use of the Product for its intended purpose.

This Limited Warranty Covers:

The Custom Chassis' powder coated frame component system (the "Product") shall be free from corrosion perforation, under normal use and maintenance, for the warranty period described below in this certificate. Also see the Section herein entitled "Specific Exclusions and Conditions" for more details regarding the parts and components covered by this Limited Warranty.

This Limited Warranty Coverage will Begin:

The date the Product is placed into service by the Purchaser or thirty (30) days after the date of the Product invoice to the Purchaser, whichever comes first.

This Limited Warranty Coverage Ends After the First Occurrence of:

Three (3) Years or 48,000 Miles

Who is Covered by this Limited Warranty: This Limited Warranty only applies to Purchaser and, unless required by applicable law, may not be assigned or transferred to any other person or entity without OEM's prior written authorization. This Limited Warranty is valid only in the country in which the Product is first sold.

How to Obtain Warranty Service: See the Operator Manual(s) for instructions on how to register the Product, to obtain warranty repair authorization and service, and to make arrangements for the Product to be transported to an OEM-authorized service facility for warranty service. All warranty service and towing must be authorized by an OEM customer service representative before any warranty or towing service is performed. OEM shall not be responsible for, or reimburse Purchaser for, any costs or expenses relating to unauthorized warranty service or towing. Purchaser must notify OEM or its authorized customer service representative as soon as possible after discovery of any defect with the Product but in no event more than ten (10) days after discovery.

Exclusive Remedy: OEM will, at its option, repair or replace the Product if it is defective in materials or workmanship during the warranty period stated above and covered by this Limited Warranty. Such repair or replacement may be performed at an OEM facility or by an OEM-authorized service facility. Any repaired or replaced Product shall be warranted only for the remainder of the warranty period applicable to the original Product. THIS PARAGRAPH CONTAINS OEM'S SOLE OBLIGATION AND PURCHASER'S EXCLUSIVE REMEDIES FOR ANY DEFECTIVE PRODUCT COVERED BY THIS LIMITED WARRANTY.

Third Party Representations: No person or entity is authorized to create any other warranty, obligation or liability in connection with the Product, and OEM is not responsible for any representation, promise or warranty made by any person, dealer, component manufacturer, vehicle manufacturer, or other entity beyond what is expressly stated in this Limited Warranty.

Disclaimer of Other Warranties: THIS LIMITED WARRANTY IS OEM'S SOLE AND EXCLUSIVE WARRANTY WITH RESPECT TO THE PRODUCT. EXCEPT FOR THE LIMITED WARRANTIES STATED IN THIS CERTIFICATE, OEM MAKES NO OTHER EXPRESS OR IMPLIED REPRESENTATIONS OR WARRANTIES WHATSOEVER REGARDING THE PRODUCT INCLUDING, WITHOUT LIMITATION, ANY WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR NON-INFRINGEMENT, OR ANY WARRANTIES ARISING FROM COURSE OF DEALING OR USAGE OF TRADE, ALL OF WHICH ARE EXPRESSLY DISCLAIMED. THERE ARE NO WARRANTIES WHICH EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF. TO THE EXTENT THAT ANY IMPLIED WARRANTIES MAY NOT BE DISCLAIMED UNDER APPLICABLE LAW, SUCH WARRANTIES ARE EXPRESSLY LIMITED TO THE DURATION OF THE EXPRESS WARRANTY STATED IN THIS CERTIFICATE.

Limitation of Liability:
IN NO EVENT SHALL OEM BE LIABLE TO PURCHASER OR ANY THIRD PARTY FOR ANY INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, ENHANCED, PUNITIVE OR CONSEQUENTIAL DAMAGES RELATING TO OR ARISING OUT OF THE PRODUCT OR OTHERWISE (INCLUDING, WITHOUT LIMITATION, LOST REVENUE, LOST PROFITS, LOSS OF OPPORTUNITIES, LOSS OF USE, DOWN TIME, DIMINUTION IN VALUE, COST OF ALTERNATIVE TRANSPORTATION, INCONVENIENCE, COST OF LODGING, VEHICLE RENTAL EXPENSES, LABOR CHARGES, EQUIPMENT RENTAL CHARGES OR OTHER ECONOMIC LOSSES), WHETHER IN AN ACTION IN CONTRACT OR TORT (INCLUDING NEGLIGENCE), STRICT LIABILITY OR OTHERWISE, EVEN IF OEM HAS BEEN ADVISED OF THE POSSIBILITIES OF SUCH DAMAGES. FURTHER, OEM'S LIABILITY FOR ANY AND ALL WARRANTY CLAIMS HEREUNDER SHALL BE LIMITED TO THE PURCHASE PRICE OF THE PRODUCT.

Specific Exclusions and Conditions

This Limited Warranty only covers repair or replacement of the powder coated front frame extension, frame crossmembers, battery brackets, and rear underbody supports if they are found to have corrosion perforation.

As used in this Limited Warranty, corrosion perforation is defined as an actual hole through the piping material caused by corrosion.

Parts, components and subsystems excluded from this Limited Warranty include, but are not limited to, any frame component not zinc plated; parts, components and systems with evidence of alterations, cutting, splicing, welding or drilling of rails or flanges without the prior written authorization of the OEM;
parts, components and subsystems where the Apparatus has been involved in an accident; and paint, undercoating, or other surface treatments.

As a condition to maintaining this Limited Warranty, the Purchaser must have the Apparatus inspected annually by an authorized OEM representative for damage to surface coatings of the frame including paint, plating, caulking and undercoating, and a written inspection report detailing the findings from each annual inspection must be forwarded to the OEM customer service department within 30 days of each inspection and any repairs. Failure to have damaged areas of the frame immediately repaired may void this Limited Warranty.

General Exclusions and Conditions; What This Limited Warranty Does Not Cover:
The Product may incorporate subsystems, assemblies, parts, components, and other items manufactured by third-party manufacturers which may include, but are not limited to, chassis, engine and emissions system, transmission, transfer case, axles, suspensions, water pumps, monitors, valves, foam systems, aerial devices (each, a "Third-Party Part" and collectively, the "Third-Party Parts"). OEM does not warrant Third-Party Parts. Defects in materials and workmanship related to Third-Party Parts that carry their own warranty are subject to that warranty. OEM hereby assigns to Purchaser any assignable warranty applicable to the Third-Party Parts. The previous sentence is OEM's sole obligation with respect to Third-Party Parts.

This Limited Warranty does not apply to, and OEM shall have no responsibility or liability for, any claim, loss or damage resulting from or caused by any of the following: (a) normal wear and tear; (b) misuse, carelessness, abuse or neglect (e.g. overloading, driving over curbs or exposure to corrosive or flooded environments); (c) improper handling, storage or repairs; (d) use of the Product other than for its intended purpose; (e) collision, fire, theft, vandalism; (f) weather, freezing, flooding, acts of God, or other casualties; (g) exposure to salt, acids, corrosive agents or other damaging chemicals or materials; (h) components or systems, whether new or used, provided by Purchaser and installed at its request; (i) when the odometer or hour meter is disconnected, or its reading has been altered, or actual mileage or hours cannot be determined; (j) improper maintenance or use including, but not limited to, failure to follow the required or recommended maintenance schedules, failure to maintain operating parameters, and failure to follow operating instructions; (k) any Third-Party Parts; (l) additions or accessories not originally installed by OEM, including ancillary equipment used in firefighting, and any problems resulting from such additions or accessories; (m) any "aftermarket" devices installed on the Product; (n) the repair or modification of any existing part, component or subsystem originally installed by OEM without its prior express written authorization and any problems resulting from such repair or modification. Further, this Limited Warranty shall be null and void if the Product is ever leased or rented, whether or not for compensation, to another person or entity.

Miscellaneous Terms:
OEM reserves the right to make changes to the Product without incurring any obligation to modify or improve previously manufactured parts or products. Further, OEM may respond to or correct any issue or complaint for which it does not otherwise have responsibility under this Limited Warranty without becoming obligated to respond to or correct any future issue or complaint of a same or similar nature, and such response or correction shall not constitute an admission of warranty coverage or impose any additional obligations on OEM.

SPARTAN
REV GROUP
FIRE CHASSIS

Custom Chassis

Three (3) Years or 48,000 Miles
Frame Components Corrosion (Powder Coat)
Limited Warranty

Subject to the provisions, limitations, and exclusions set forth in this certificate, Spartan Fire, LLC ("OEM") extends the following Limited Warranty to the Purchaser of a fire apparatus vehicle manufactured by OEM (the "Apparatus"). As used herein, "Purchaser" means that person or entity which purchases and commences first commercial use of the Product for its intended purpose.

This Limited Warranty Covers:

The Custom Chassis' powder coated frame component system (the "Product") shall be free from corrosion perforation, under normal use and maintenance, for the warranty period described below in this certificate. Also see the Section herein entitled "Specific Exclusions and Conditions" for more details regarding the parts and components covered by this Limited Warranty.

This Limited Warranty Coverage will Begin:

The date the Product is placed into service by the Purchaser or thirty (30) days after the date of the Product invoice to the Purchaser, whichever comes first.

This Limited Warranty Coverage Ends After the First Occurrence of:

Three (3) Years or 48,000 Miles

Who is Covered by this Limited Warranty: This Limited Warranty only applies to Purchaser and, unless required by applicable law, may not be assigned or transferred to any other person or entity without OEM's prior written authorization. This Limited Warranty is valid only in the country in which the Product is first sold.

How to Obtain Warranty Service: See the Operator Manual(s) for instructions on how to register the Product, to obtain warranty repair authorization and service, and to make arrangements for the Product to be transported to an OEM-authorized service facility for warranty service. All warranty service and towing must be authorized by an OEM customer service representative before any warranty or towing service is performed. OEM shall not be responsible for, or reimburse Purchaser for, any costs or expenses relating to unauthorized warranty service or towing. Purchaser must notify OEM or its authorized customer service representative as soon as possible after discovery of any defect with the Product but in no event more than ten (10) days after discovery.

Exclusive Remedy: OEM will, at its option, repair or replace the Product if it is defective in materials or workmanship during the warranty period stated above and covered by this Limited Warranty. Such repair or replacement may be performed at an OEM facility or by an OEM-authorized service facility. Any repaired or replaced Product shall be warranted only for the remainder of the warranty period applicable to the original Product. THIS PARAGRAPH CONTAINS OEM'S SOLE OBLIGATION AND PURCHASER'S EXCLUSIVE REMEDIES FOR ANY DEFECTIVE PRODUCT COVERED BY THIS LIMITED WARRANTY.

Third Party Representations: No person or entity is authorized to create any other warranty, obligation or liability in connection with the Product, and OEM is not responsible for any representation, promise or warranty made by any person, dealer, component manufacturer, vehicle manufacturer, or other entity beyond what is expressly stated in this Limited Warranty.

Disclaimer of Other Warranties: THIS LIMITED WARRANTY IS OEM'S SOLE AND EXCLUSIVE WARRANTY WITH RESPECT TO THE PRODUCT. EXCEPT FOR THE LIMITED WARRANTIES STATED IN THIS CERTIFICATE, OEM MAKES NO OTHER EXPRESS OR IMPLIED REPRESENTATIONS OR WARRANTIES WHATSOEVER REGARDING THE PRODUCT INCLUDING, WITHOUT LIMITATION, ANY WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR NON-INFRINGEMENT, OR ANY WARRANTIES ARISING FROM COURSE OF DEALING OR USAGE OF TRADE, ALL OF WHICH ARE EXPRESSLY DISCLAIMED. THERE ARE NO WARRANTIES WHICH EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF. TO THE EXTENT THAT ANY IMPLIED WARRANTIES MAY NOT BE DISCLAIMED UNDER APPLICABLE LAW, SUCH WARRANTIES ARE EXPRESSLY LIMITED TO THE DURATION OF THE EXPRESS WARRANTY STATED IN THIS CERTIFICATE.

Limitation of Liability:
IN NO EVENT SHALL OEM BE LIABLE TO PURCHASER OR ANY THIRD PARTY FOR ANY INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, ENHANCED, PUNITIVE OR CONSEQUENTIAL DAMAGES RELATING TO OR ARISING OUT OF THE PRODUCT OR OTHERWISE (INCLUDING, WITHOUT LIMITATION, LOST REVENUE, LOST PROFITS, LOSS OF OPPORTUNITIES, LOSS OF USE, DOWN TIME, DIMINUTION IN VALUE, COST OF ALTERNATIVE TRANSPORTATION, INCONVENIENCE, COST OF LODGING, VEHICLE RENTAL EXPENSES, LABOR CHARGES, EQUIPMENT RENTAL CHARGES OR OTHER ECONOMIC LOSSES), WHETHER IN AN ACTION IN CONTRACT OR TORT (INCLUDING NEGLIGENCE), STRICT LIABILITY OR OTHERWISE, EVEN IF OEM HAS BEEN ADVISED OF THE POSSIBILITIES OF SUCH DAMAGES. FURTHER, OEM'S LIABILITY FOR ANY AND ALL WARRANTY CLAIMS HEREUNDER SHALL BE LIMITED TO THE PURCHASE PRICE OF THE PRODUCT.

Specific Exclusions and Conditions

This Limited Warranty only covers repair or replacement of the powder coated front frame extension, frame crossmembers, battery brackets, and rear underbody supports if they are found to have corrosion perforation.

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Parts, components and subsystems excluded from this Limited Warranty include, but are not limited to, any frame component not zinc plated; parts, components and systems with evidence of alterations, cutting, splicing, welding or drilling of rails or flanges without the prior written authorization of the OEM;
parts, components and subsystems where the Apparatus has been involved in an accident; and paint, undercoating, or other surface treatments.

As a condition to maintaining this Limited Warranty, the Purchaser must have the Apparatus inspected annually by an authorized OEM representative for damage to surface coatings of the frame including paint, plating, caulking and undercoating, and a written inspection report detailing the findings from each annual inspection must be forwarded to the OEM customer service department within 30 days of each inspection and any repairs. Failure to have damaged areas of the frame immediately repaired may void this Limited Warranty.

General Exclusions and Conditions; What This Limited Warranty Does Not Cover:
The Product may incorporate subsystems, assemblies, parts, components, and other items manufactured by third-party manufacturers which may include, but are not limited to, chassis, engine and emissions system, transmission, transfer case, axles, suspensions, water pumps, monitors, valves, foam systems, aerial devices (each, a "Third-Party Part" and collectively, the "Third-Party Parts"). OEM does not warrant Third-Party Parts. Defects in materials and workmanship related to Third-Party Parts that carry their own warranty are subject to that warranty. OEM hereby assigns to Purchaser any assignable warranty applicable to the Third-Party Parts. The previous sentence is OEM's sole obligation with respect to Third-Party Parts.

This Limited Warranty does not apply to, and OEM shall have no responsibility or liability for, any claim, loss or damage resulting from or caused by any of the following: (a) normal wear and tear; (b) misuse, carelessness, abuse or neglect (e.g. overloading, driving over curbs or exposure to corrosive or flooded environments); (c) improper handling, storage or repairs; (d) use of the Product other than for its intended purpose; (e) collision, fire, theft, vandalism; (f) weather, freezing, flooding, acts of God, or other casualties; (g) exposure to salt, acids, corrosive agents or other damaging chemicals or materials; (h) components or systems, whether new or used, provided by Purchaser and installed at its request; (i) when the odometer or hour meter is disconnected, or its reading has been altered, or actual mileage or hours cannot be determined; (j) improper maintenance or use including, but not limited to, failure to follow the required or recommended maintenance schedules, failure to maintain operating parameters, and failure to follow operating instructions; (k) any Third-Party Parts; (l) additions or accessories not originally installed by OEM, including ancillary equipment used in firefighting, and any problems resulting from such additions or accessories; (m) any "aftermarket" devices installed on the Product; (n) the repair or modification of any existing part, component or subsystem originally installed by OEM without its prior express written authorization and any problems resulting from such repair or modification. Further, this Limited Warranty shall be null and void if the Product is ever leased or rented, whether or not for compensation, to another person or entity.

Miscellaneous Terms:
OEM reserves the right to make changes to the Product without incurring any obligation to modify or improve previously manufactured parts or products. Further, OEM may respond to or correct any issue or complaint for which it does not otherwise have responsibility under this Limited Warranty without becoming obligated to respond to or correct any future issue or complaint of a same or similar nature, and such response or correction shall not constitute an admission of warranty coverage or impose any additional obligations on OEM.

Alcoa Mill Products Statement of Capability

ALCOA has produced this 3003-H22 embossed bright tread sheet to provide certain slip resistance characteristics as determined by testing per ASTM F 1679.

In the as-supplied condition, this material is capable of meeting the requirements for slip resistance per NFPA 1901, section 17-7.3 minimum average slip resistance requirements. When tested wet, in accordance with ASTM F 1679[1] this material met the requirements as defined by the NFPA regulation[2,3]

(1) Precision and bias for this testing has not been determined.

(2) Post processing steps can impact slip resistance values. ALCOA does not control and is not responsible for slip resistance characteristics in a post-processed form.

(3) Gauge capability testing for the XL tester, in accordance with the methodology from ASTM F 1679, indicates that the discrimination of the tester is only sufficient for attribute data (pass / fail) and that any reported XL average values should be used for reference only.

INTEGRIS METALS
4404 SOUTH 134th STREET
OMAHA, NEBRASKA 68137
BOB JOHNSON

Tehama County

Agenda Request Form

File #: 25-2131 **Agenda Date:** 12/16/2025 **Agenda #:** 15.

PUBLIC WORKS - Interim Director Tom Provine

Requested Action(s)

a) INFORMATIONAL PRESENTATION - Presentation and direction to staff regarding the structural options and funding needs for the reopening of the emergency bridge closure on Newville Road at Kendrick Creek

Financial Impact:

There is no financial impact from this presentation. Staff are seeking Board direction on funding options that will impact the County budget, if approved.

Background Information:

In September 2025, Tehama County Public Works was forced to close the bridge at Newville Road and Kendrick Creek after findings of deficiency by a Caltrans inspection. This bridge suffered damage in early February 2025 during flood events, in which the Tehama County Board of Supervisors declared a local emergency. Repairs were done at the time; however the extent of the damage was not known until Caltrans performed an inspection. Significant erosion has left the bridge abutment in an unstable condition and at risk of failure. State emergency assistance for the damages has been denied at this time. This road closure has caused significant detours for residents and public services in the area, causing significant public concern. Due to the bridge's current condition and age, staff has submitted the bridge to Caltrans for a planned replacement project, but that process will take years before construction can begin. Staff will present options to the Board for a safe temporary reopening of the bridge, along with a summary of funding needs in order to complete the work. Board direction is being sought on a path forward, after which further items are expected to be agendized for Board approval.

Tehama County

Agenda Request Form

File #: 25-2008 **Agenda Date:** 12/16/2025 **Agenda #:** 16.

TREASURER-TAX COLLECTOR / PURCHASING - Purchasing Agent Tom Provine

Requested Action(s)
a) AGREEMENT - Request approval and authorization for the Treasurer/Tax Collector to sign the Agreement with Invoice Cloud for the purpose of providing electronic payment services, effective upon date of signing for a period of three years, and will automatically renew for successive one (1) year terms until terminated

Financial Impact:
Electronic payment services will be provided to the County at no cost, with the exception of return payment fees. This agreement has an amount not to exceed of $5,000 annually. Return payment fees will be charged to the departments where a payment was returned.

Background Information:
Government Code Section 6159 permits a county to authorize the acceptance of a credit card, debit card, or electronic funds transfer for payment of fees, charges, and taxes due to, or services rendered by the county if approved by the board of supervisors for the county.

Resolution No. 2022-29 authorized the county to accept credit card, debit card, or electronic fund transfers. The Resolution further requires all electronic payment agreements to be reviewed by the Treasurer/Tax Collector and Office of the County Counsel.

The Treasurer/Tax Collector has the largest volume of electronic payment transactions in both number and value in the County. For this reason, the Treasurer/Tax Collector has negotiated an agreement with Invoice Cloud to provide electronic payment services for the property tax division. The agreement is structured to allow all other County departments that desire to take electronic payments to add onto the contract, at no cost, except for return payment fees. The Treasurer/Tax Collector will assist departments through the process of adding electronic payments.

AGREEMENT BETWEEN THE COUNTY OF TEHAMA AND INVOICE CLOUD, INC.

This agreement is entered into between the County of Tehama ("County" or "Biller") and Invoice Cloud, Inc., a Delaware corporation, with a principal place of business at 10 Fan Pier Blvd., Suite 4, Boston, MA 02210 ("Contractor" or "Invoice Cloud") for the provision of electronic bill presentment and payment services, as more fully described and subject to the Invoice Cloud Service Agreement (Exhibit B), the Biller Terms and Conditions (Exhibit C), the SaaS Terms and conditions (Exhibit D) which are hereby incorporated into this agreement. Any capitalized terms not defined in this agreement shall have the meanings given to them in the Invoice Cloud Service Agreement.

1. **RESPONSIBILITIES OF CONTRACTOR**

From time to time during the term of this agreement, Contractor and County shall negotiate in good faith for the terms under which Contractor shall provide electronic bill presentment and payment services for County departments or subdivisions. The applicable pricing, invoice types, and any additional terms specific to such services shall be set forth in a written order form or add-on order form executed by both parties (each a "Biller Order Form"), subsequent to such negotiations. The Contractor shall provide the Services selected in the Biller Order Form in accordance with the Biller Agreement and Statement of Work, as provided in Exhibit B (collectively, the "Invoice Cloud Service Agreement"). In the event of a conflict between the terms of this agreement and the terms of the Invoice Cloud Service Agreement, the terms of the Invoice Cloud Service Agreement shall control.

2. **RESPONSIBILITIES OF THE COUNTY**

County shall compensate Contractor for the Services pursuant to the terms of the Biller Order Form that is applicable. The first Biller Order Form agreed to by the parties is attached hereto as Exhibit E. County shall have those other responsibilities provided in the Invoice Cloud Services Agreement.

3. **NOT TO EXCEED AMOUNT**

The total fees directly incurred by County hereunder shall not exceed five thousand dollars ($5,000.00) per calendar year (the "Maximum Annual Biller Fee"). If, during any calendar year of the Term, County is approaching and may exceed the Maximum Annual Biller Fee, County shall seek additional funding from its funding source and provide prompt written notice to Contractor. Following such notice, the parties may mutually agree to increasing the Maximum Annual Biller Fee amount or to a different pricing structure. In the event County reaches the Maximum Annual Biller Fee, Contractor may suspend provision of the Services until County secures additional funding or the parties agree to a new pricing structure.

4. [Intentionally Omitted]

5. **TERM OF AGREEMENT**

This agreement shall commence on the date of signing and shall terminate in accordance with section 6 of Exhibit B.

6. [Intentionally Omitted]

7. **ENTIRE AGREEMENT; MODIFICATION**

This agreement for the services specified herein supersedes all previous agreements for these services and constitutes the entire understanding between the parties hereto. Contractor shall be entitled to no other benefits other than those specified herein. No changes, amendments or alterations shall be effective unless in writing and signed by both parties. Contractor specifically acknowledges that in entering into and executing this agreement, Contractor relies solely upon the provisions contained in this agreement and no other oral or written representation.

8. **NONASSIGNMENT OF AGREEMENT**

Except for a Sale Assignment, as set forth below in this Section, neither Party shall assign any of their respective rights, duties or obligations under this Agreement without the prior written permission of the other Party hereto, such permission not to be unreasonably withheld or delayed. This Agreement may be assigned by a Party without the permission of the other Party in

the event of a sale of all or substantially all of the assets or equity of a Party (a "Sale Assignment"), except that in no instance will this Agreement be assignable by County to a competitor of Contractor, or a provider of services similar to the Services provided by Contractor herein. Any attempt by a Party to assign its rights or obligations hereunder in breach of this Section shall be void and of no effect. Either Party shall, if requested to do so by the other Party, enter into a novation agreement or partial novation agreement, between County, Contractor, and the assignee or proposed assignee for the Agreement or part thereof to be novated to the assignee or proposed assignee. Subject to the foregoing, this Agreement shall bind and inure to the benefit of the Parties, their respective successors and permitted assigns.

9. **EMPLOYMENT STATUS**

Contractor shall, during the entire term of this agreement, be construed to be an independent contractor and nothing in this agreement is intended nor shall be construed to create an employer-employee relationship, a joint venture relationship, or to allow County to exercise discretion or control over the professional manner in which Contractor performs the services which are the subject matter of this agreement. Contractor shall be fully responsible for payment of all federal, state, and local taxes arising from Contractor's income under this agreement. County shall not withhold or deduct any amounts from the Contractor's compensation for such purposes. Contractor shall not be eligible for coverage under County's Workers Compensation Insurance Plan nor shall Contractor be eligible for any other County benefit that is made available to County employees.

10. [Intentionally Omitted]

11. **INSURANCE**

Contractor shall procure and maintain insurance pursuant to Exhibit A, "Insurance Requirements For Contractor," attached hereto and incorporated by reference.

12. [Intentionally Omitted]

13. **NON-DISCRIMINATION**

Contractor shall not employ discriminatory practices in the treatment of persons in relation to the provision of Services, including assignment of accommodations, employment of personnel, or in

any other respect on the basis of race, religious creed, color, national origin, ancestry, physical disability, mental disability, medical condition, marital status, sex, age, or sexual orientation.

14. GREEN PROCUREMENT POLICY

Through Tehama County Resolution No. 2021-140, the County adopted the Recovered Organic Waste Product Procurement Policy (available upon request) (the "Green Policy") to (1) protect and conserve natural resources, water and energy; (2) minimize the jurisdiction's contribution to pollution and solid waste disposal; (3) comply with state requirements as contained in 14 CCR Division 7, Chapter 12, Article 12 (SB 1383); (4) support recycling and waste reduction; and (5) promote the purchase of products made with recycled materials, in compliance with the California Integrated Waste Management Act of 1989 (AB 939) and SB1382 when product fitness and quality are equal and they are available at the same or lesser cost of non-recycled products. Contractor shall adhere to this policy as required therein and is otherwise encouraged to conform to this policy.

15. COMPLIANCE WITH LAWS AND REGULATIONS

All services to be performed by Contractor under to this Agreement shall be performed in accordance with all applicable federal, state, and local laws, ordinances, rules, and regulations. If Contractor becomes aware that they are no longer able to provide the Services lawfully for any reason, that fact must be reported to the County immediately.

16. LAW AND VENUE

This agreement shall be deemed to be made in, and shall be governed by and construed in accordance with the laws of the State of California (excepting any conflict of laws provisions which would serve to defeat application of California substantive law). Venue for any action between the County and the Contractor arising from this agreement shall be in Tehama County, California.

17. AUTHORITY

Each party executing this Agreement and each person executing this Agreement in any representative capacity, hereby fully and completely warrants to all other parties that he or she

has full and complete authority to bind the person or entity on whose behalf the signing party is purposing to act.

18. [Intentionally Omitted]

19. [Intentionally Omitted]

20. **RESOLUTION OF AMBIGUITIES**:

If an ambiguity exists in this Agreement, or in a specific provision hereof, neither the Agreement nor the provision shall be construed against the party who drafted the Agreement or provision.

21. **NO THIRD PARTY BENEFICIARIES**:

Neither party intends that any person shall have a cause of action against either of them as a third party beneficiary under this Agreement. The parties expressly acknowledge that is not their intent to create any rights or obligations in any third person or entity under this Agreement. The parties agree that this Agreement does not create, by implication or otherwise, any specific, direct or indirect obligation, duty, promise, benefit and/or special right to any person, other than the parties hereto, their successors and permitted assigns, and legal or equitable rights, remedy, or claim under or in respect to this Agreement or provisions herein.

22. [Intentionally Omitted]

23. **HARASSMENT**

Contractor agrees to make itself aware of and comply with the County's Harassment Policy, TCPR §8102: Harassment, which is available upon request. The County will not tolerate or condone harassment, discrimination, retaliation, or any other abusive behavior. Violations of this policy may cause termination of this agreement.

24. **COUNTERPARTS, ELECTRONIC SIGNATURES – BINDING**

This agreement may be executed in any number of counterparts, each of which will be an original, but all of which together will constitute one instrument. Each Party of this agreement agrees to the use of electronic signatures, such as digital signatures that meet the requirements of

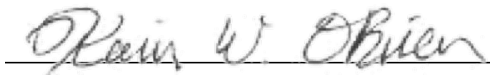
the California Uniform Electronic Transactions Act ((“CUETA”) Cal. Civil Code §§ 1633.1 to 1633.17), for executing this agreement. The Parties further agree that the electronic signatures of the Parties included in this agreement are intended to authenticate this writing and to have the same force and effect as manual signatures. Electronic signature means an electronic sound, symbol, or process attached to or logically associated with an electronic record and executed or adopted by a person with the intent to sign the electronic record pursuant to the CUETA as amended from time to time. The CUETA authorizes use of an electronic signature for transactions and contracts among Parties in California, including a government agency. Digital signature means an electronic identifier, created by computer, intended by the party using it to have the same force and effect as the use of a manual signature, and shall be reasonably relied upon by the Parties. For purposes of this section, a digital signature is a type of “electronic signature” as defined in subdivision (i) of Section 1633.2 of the Civil Code. Facsimile signatures or signatures transmitted via pdf document shall be treated as originals for all purposes.

IN WITNESS WHEREOF, County and Contractor have executed this agreement on the day and year set forth below.

COUNTY OF TEHAMA

Date: _____ _____

INVOICE CLOUD, INC.

Date: 11/3/2025 

Vendor Number

Budget Account Number

Exhibit A

INSURANCE REQUIREMENTS FOR CONTRACTOR

Contractor shall procure and maintain, for the duration of the contract, insurance against claims for injuries to persons or damages to property which may arise from or in connection with the performance of the work described herein and the results of that work by Contractor, his/her agents, representatives, employees or subcontractors. Contractor shall maintain the insurance coverage, limits of coverage and other insurance requirements as described below.

Commercial General Liability (including operations, products and completed operations)

$1,000,000 per occurrence for bodily injury, personal injury and property damage. If coverage is subject to an aggregate limit, that aggregate limit will be twice the occurrence limit.

Automobile Liability

Automobile liability insurance is required with minimum limits of $1,000,000 per accident for bodily injury and property damage, including non-owned and hired automobile coverage, as applicable to the scope of services defined under this agreement.

Workers' Compensation

Contractor shall obtain and continuously maintain Workers' Compensation insurance required by statute.

Errors and Omissions Insurance (Professional Liability and Cyber Insurance)

Contractor shall maintain Tech E&O/Cyber Liability Insurance with limits of liability of at least One Million Dollars ($1,000,000) per claim and in the aggregate.

Endorsements: Additional Insureds

The Commercial General Liability and Automobile Liability policies shall include, or be endorsed to include "Tehama County, its elected officials, officers, employees and volunteers" as an additional insured.

The certificate holder shall be "County of Tehama."

Deductibles and Self-Insured Retentions

The deductible and/or self-insured retentions will not limit or apply to Contractor's liability to County and will be the sole responsibility of Contractor.

Primary Insurance Coverage

For any claims for which the County is an additional insured, Contractor's insurance coverage shall be primary and non-contributory insurance as respects the County, its officers, officials, employees and volunteers.

Coverage Cancellation

Contractor will provide 30 days prior written notice in the event of a material negative change or cancellation of coverage required by this Exhibit A.

Acceptability of Insurers

Contractor's insurance shall be placed with an insurance carrier holding a current A.M. Best & Company's rating of not less than A-:VII unless otherwise acceptable to the County. The County reserves the right to require rating verification. Contractor shall ensure that the insurance carrier shall be authorized to transact business in the State of California.

Subcontractors

For purposes of this section of Exhibit A, "Subcontractor" means any entity engaged by the Contractor to perform services solely for the County under this Agreement, and not for any other client, biller, or customer of the Contractor. Contractor shall require and verify that all Subcontractors maintain insurance that meets all the requirements stated herein.

Contractor shall require and verify that all Subcontractors' Commercial General Liability and Automobile Liability policies shall include, or be endorsed to include "Tehama County, its elected officials, district manager, employees and volunteers" as an additional insured.

When contracting with Subcontractors, Contractor shall require that the full limits available to the named insured shall also be available and applicable to the Additional Insured.

Material Breach

If for any reason, Contractor fails to maintain insurance coverage or to provide evidence of renewal, the same shall be deemed a material breach of contract.

Policy Obligations

Contractor's indemnity and other obligations shall not be limited by the foregoing insurance requirements.

Verification of Coverage

No more than once per year, Contractor shall furnish County with original certificates and endorsements effecting coverage required herein. All certificates and endorsements shall be received and approved by the County before work commences. However, failure to do so shall not operate as a waiver of these insurance requirements.

EXHIBIT B

INVOICE CLOUD SERVICE AGREEMENT

BILLER AGREEMENT

1. License Grant & Restrictions. Subject to execution by Biller of the Invoice Cloud Biller Order Form incorporating this Agreement, Invoice Cloud hereby grants Biller a non-exclusive, non-transferable, worldwide right to use the Service described on the Biller Order Form until termination as provided herein, solely for the following purposes, and specifically to bill and receive payment from Biller's own customers, for Services that are referenced in the Biller Order Form. All rights not expressly granted to Biller are reserved by Invoice Cloud and its licensors.

Biller will provide to Invoice Cloud all Biller Data generated for Biller's Customers. Unless otherwise expressly agreed to in writing by Invoice Cloud to the contrary, Invoice Cloud will process all of Biller's Customers' Payment Instrument Transactions requirements related to the Biller Data and will do so via electronic data transmission according to our formats and procedures for each electronic payment type selected in the Biller Order Form. In addition, Biller will execute all third-party applications and enter into all agreements required for the Service without unreasonable delay, including without limitation Payment Processing Agreements and merchant agreements that may be required upon implementation, or later at such time as the Service operates with different or multiple payment processors. Throughout the Term of this Agreement, for "Invoice Types" listed on the Biller Order Form (e.g., real estate taxes, utility bills, parking tickets, insurance premium, loans, etc.), Biller will not use the credit card processing, ACH or check processing of any bank, payment processor, entity, or person, other than Invoice Cloud via electronic data transmission or the authorization for processing of Biller's Customers' Payment Instrument Transactions, for each electronic payment method selected in the Biller Order Form. Notwithstanding the foregoing, Biller may continue to utilize the services of Smart Easy Pay, Inc. dba Easy Smart Pay ("ESP") to receive payments from those Customers who use ESP's payment plan services.

Biller shall not: (i) license, sublicense, sell, resell, transfer, assign, distribute or otherwise commercially exploit or make available to any third party the Service in any way; (ii) modify or make derivative works based upon the Service; (iii) recreate, "frame" or "mirror" any portion of the Service on any other server or wireless or Internet-based device; (iv) reverse engineer or access the Service; or (v) copy any features, functions or graphics of the Service.

2. Privacy & Security. Invoice Cloud's privacy and security policies may be viewed at http://www.invoicecloud.com/privacy.html. Invoice Cloud reserves the right to modify its privacy and security policies in its reasonable discretion from time to time which modification shall not materially adversely impact such policies. Invoice Cloud will maintain compliance with current required Payment Card Industry (PCI) standards and Cardholder Information Security standards.

3. Account Information and Data. Invoice Cloud does not and will not own any Customer Data, in the course of providing the Service. Biller, not Invoice Cloud, shall have sole responsibility for the accuracy, quality, integrity, legality, and reliability of, and obtaining the intellectual property rights to use and process all Customer Data. In the event this Agreement is terminated, Invoice Cloud will make available to Biller a file of the Customer Data (to the extent that Invoice Cloud is permitted to provide pursuant to applicable law and PCI-DSS standards), within 30 days of termination of this Agreement (or at a later time if required by applicable law), if Biller so requests at the time of termination. Invoice Cloud will retain Customer Data for a period from its creation for the time frame that is listed in the Biller Order under "Data Retention", and reserves the right to remove and/or delete remaining Customer Data no less than 60 days after termination or expiration except as prohibited by applicable law or in the event of exigent circumstances.

4. Confidentiality / Intellectual Property Ownership. Invoice Cloud agrees that it may be furnished with or otherwise have access to Customer Data that the Biller's customers consider confidential. Invoice Cloud agrees to secure and protect the Customer Data in a manner consistent with the maintenance of Invoice Cloud's own Confidential Information, using at least as great a degree of care as it uses to maintain the confidentiality of its own confidential information, but in no event use less than commercially reasonable measures. Invoice Cloud will not sell, transfer, publish, disclose, or otherwise make available any portion of the Customer Data to third parties, except as permitted under this Agreement or required to perform the Service or otherwise required by applicable law.

Invoice Cloud (and its licensors, where applicable) owns all right, title and interest, including all related Intellectual Property Rights, in and to the Invoice Cloud Technology, the Content and the Service and any enhancement requests, feedback, integration components, suggestions, ideas, and application programming interfaces, recommendations or other information provided by Biller or any other party relating to the Service. In the event any such intellectual property rights in the Invoice Cloud Technology, the Content or the Service do not fall within the specifically enumerated works that constitute works made for hire under applicable copyright laws or are deemed to be owned by Invoice Cloud, Biller hereby irrevocably,

expressly and automatically assigns all right, title and interest worldwide in and to such intellectual property rights to Invoice Cloud. The Invoice Cloud name, the Invoice Cloud logo, and the product names associated with the Service are trademarks of Invoice Cloud or third parties, and no right or license is granted to use them.

Biller agrees that during the course of using or gaining access to the Service (or components thereof) it may be furnished with or otherwise have access to information that Invoice Cloud considers to be confidential including but not limited to Invoice Cloud Technology, the Agreement, customer and/or prospective customer information, product features and plans, the marketing/sales collateral, pricing and financial information of the parties which are hereby deemed to be Invoice Cloud Confidential Information, or any other information that by its very nature constitutes information of a type that any reasonable business person would conclude was intended by Invoice Cloud to be treated as proprietary, confidential, or private (the "Confidential Information"). Biller agrees to secure and protect the Confidential Information in a manner consistent with the maintenance of Invoice Cloud's rights therein, using at least as great a degree of care as it uses to maintain the confidentiality of its own confidential information, but in no event use less than reasonable efforts. Biller will not sell, transfer, publish, disclose, or otherwise make available any portion of the Confidential Information of the other party to third parties (and will ensure that its employee and agents abide by the requirements hereof), except as expressly authorized in this Agreement or otherwise required by applicable law.

5. Billing. Invoice Cloud fees for the Service are provided on the Biller Order Form. Invoice Cloud's fees are exclusive of all taxes, levies, or duties imposed by taxing authorities. Invoice Cloud may assess and/or collect such taxes, levies, or duties against Biller and Biller shall be responsible for payment of all such taxes, levies, or duties, excluding only United States (federal or state) taxes based solely on Invoice Cloud's income. All payment obligations are either auto debited from the Biller Bank Account or payable on receipt of invoice from Invoice Cloud, and are non-cancellable, and all amounts or fees paid are non-refundable. Unless Invoice Cloud in its discretion determines otherwise, all fees will be billed in U.S. dollars. If Biller believes Biller's bill or payment is incorrect, Biller must provide written notice to Invoice Cloud within 60 days of the earlier of the invoice date, or the date of payment, with respect to the amount in question to be eligible to receive an adjustment or credit; otherwise such bill or payment is deemed correct. Invoice Cloud reserves the right to modify pricing with respect to applicable fees to be paid under this Agreement, at any time upon thirty days written notice to Biller: a) based on increases incurred by Invoice Cloud on Network Fees from credit card processers, bank card issuers, payment associations, ACH and check processers; or b) if, during the Term, the average credit card payment processed by Invoice Cloud for any three (3) consecutive month period exceeds 110% of the Average Credit Card Transaction $ specified on the corresponding Invoice Parameter Sheet(s), to the extent that Invoice Cloud incurs increases in Network Fees. Invoice Cloud, on at least 30 days written notice to Biller, may also increase any or all fees referenced in the Biller Order Form (including any Invoice Parameter Sheets), by no more than the greater of CPI for the preceding period or 5%, provided, however, that such increase may not apply during the first year after the execution date of the Biller Order Form and may not occur more than once per year thereafter.

6. Term and Termination. The initial term of this Agreement shall commence as of the execution date of the Biller Order Form and continue for a period of three (3) years after the Go Live Date ("Initial Term"), and will automatically renew for each of additional successive one (1) year terms ("Renewal Term") unless terminated as set forth herein. "Term" as used herein shall mean the Initial Term and any Renewal Term. This Agreement may be terminated by either party effective at the end of the Initial Term or any Renewal Term by such party providing written notice to the other party of its intent not to renew no less than ninety (90) days prior to the expiration of the then-current term. Additionally, this Agreement may be terminated by either party with cause in the event of a material breach of the terms of this Agreement by the other party and the breach remains uncured for a period of 30 days following receipt of written notice by the breaching party. Upon any early termination of this Agreement by Invoice Cloud as a result of breach, Biller shall remain liable for all fees and charges incurred, and all periodic fees owed through the end of the calendar month following the effective date of termination. Upon any termination or expiration of this Agreement, Biller's password and access will be disabled and Biller will be obligated to pay the balance due on Biller's account. Biller agrees that Invoice Cloud may charge such unpaid fees to Biller's Debit Account or credit card or otherwise invoice Biller for such unpaid fees.

7. Invoice Cloud Responsibilities. Invoice Cloud represents and warrants that it has the legal power and authority to enter into this Agreement. Invoice Cloud warrants that the Service will materially perform the functions that the Biller has selected on the Biller Order Form and the Statement of Work, attached hereto and incorporated herein by reference (the "Statement of Work"), under normal use and circumstances, and that Invoice Cloud shall use commercially reasonable measures with respect to Customer Data to the extent that it retains such, in the operation of the Service; provided, that the Biller shall maintain immediately accessible backups of the Customer Data (to the extent that Biller is permitted pursuant to applicable law and PCI-DSS standards). In addition, Invoice Cloud will, at its own expense, as the sole and exclusive remedy with respect to performance of the Service, correct any Transaction Data to the extent that such errors have been caused by Invoice Cloud or by malfunctions of Invoice Cloud's processing systems.

8. Limited Warranty. EXCEPT AS PROVIDED IN SECTION 7, THE SERVICE AND ALL CONTENT AND TRANSACTION DATA IS PROVIDED WITHOUT ANY EXPRESS, OR IMPLIED WARRANTY, INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, AND ALL OTHER WARRANTIES ARE HEREBY DISCLAIMED TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW BY INVOICE CLOUD AND ITS LICENSORS AND PAYMENT PROCESSORS. INVOICE CLOUD AND ITS LICENSORS AND PAYMENT PROCESSORS DO NOT REPRESENT OR WARRANT THAT (A) THE USE OF THE SERVICE WILL BE UNINTERRUPTED OR ERROR-FREE, OR OPERATE IN COMBINATION WITH ANY OTHER HARDWARE, SOFTWARE, SYSTEM OR DATA, (B) THAT THE SERVICE WILL NOT EXPERIENCE DELAYS IN PROCESSING OR PAYING, OR (C) THE SERVICE WILL MEET REQUIREMENTS WITH RESPECT TO SIZE OR VOLUME. Invoice Cloud's service may be subject to limitations, delays, and other problems inherent in the use of the internet and electronic communications. Invoice cloud is not responsible for any delays, delivery failures, or other damage resulting from such problems.

9. Biller's Responsibilities. Biller represents and warrants that it has the legal power and authority to enter into this Agreement. Biller is responsible for all activity occurring under Biller's accounts and shall abide by all applicable laws, and regulations in connection with Biller's and/or its customers' and/or any payers' use of the Service, including those related to data privacy, communications, export or import of data and the transmission of technical, personal or other data. Biller represents and warrants that Biller has not falsely identified itself nor provided any false information to gain access to the Service and that Biller's billing information is correct. Biller shall: (i) notify Invoice Cloud immediately of any unauthorized use of any password or account or any other known or suspected breach of security; (ii) report to Invoice Cloud and immediately stop any copying or distribution of Content that is known or suspected to be unauthorized by Biller or Biller's Users; and (iii) obtain consent from Biller's customers and payers to receive notifications and invoices from Invoice Cloud. Invoice Cloud is not responsible for any Biller postings in error due to delayed notification from credit card processors, ACH, bank and other related circumstances. Biller agrees and acknowledges that in the event that Biller has access to, receives from, creates, or receives protected health information, or Biller has access to, creates, receives, maintains or transmits on behalf of electronic protected health information (as those terms are defined under the privacy or security regulations issued pursuant to the Health Insurance Portability and Accountability Act of 1996 ("HIPAA") and Subtitle D of the Health Information Technology for Economic and Clinical Health Act provisions of the American Recovery and Reinvestment Act of 2009 ("ARRA"), during the performance under this Agreement, it will comply with all such law, regulations and rules related thereto.

Biller is required to ensure that it maintains a fair policy with regard to the refund, return or cancellation of payment for services and adjustment of Transactions. Biller is also required to disclose all refund, return and cancellation policies to Invoice Cloud and any applicable payment processors and Biller's Customers, as requested. Any change in a return/cancellation policy must be submitted to Invoice Cloud, in writing, not less than 21 days prior to the effective date of such change. If Biller allows or is required to provide a price adjustment, or cancellation of services in connection with a Transaction previously processed, Biller will prepare and deliver to Invoice Cloud Transaction Data reflecting such refund/adjustment within 2 days of resolution of the request resulting in such refund/adjustment. The amount of the refund/adjustment cannot exceed the amount shown as the total on the original Transaction Data. Biller may not accept cash or any other payment or consideration from a Customer in return for preparing a refund to be deposited to the Customer's account; nor may Biller give cash/check refunds to a Customer in connection with a Transaction previously processed by credit card, debit card, ACH, or other electronic payment method, unless required by applicable law. Biller shall cooperate with Invoice Cloud to effect a timely Implementation by Biller allocating sufficient and properly trained personnel to support the implementation process and fully cooperating with Invoice Cloud and by securing the cooperation of Biller's software and service providers and providing to Invoice Cloud the information required to integrate with Biller's billing, CIS and other applicable systems.

10. Indemnification. Invoice Cloud shall indemnify and hold Biller and Biller's employees, attorneys, and agents, harmless from any losses, liabilities, and damages (including, without limitation, Biller's costs, and reasonable attorneys' fees) arising out of: (i) failure by Invoice Cloud to implement commercially reasonable measures against the theft of Customer Data; or (ii) its total failure to deliver funds processed by Invoice Cloud as required hereunder (which relates to payments due from Invoice Cloud for Transaction data). This indemnification does not apply to any claim or complaint relating to Biller's failure to resolve a payment dispute concerning debts owed to Biller or Biller's negligence or willful misconduct or violation of any applicable agreement or law.

11. Fees.
Invoice Cloud will charge the Biller and/or payer, payment transaction and other fees as provided in the Biller Order Form. In addition, Invoice Cloud will charge the fees set forth on the Biller Order Form for the initial platform setup, configuration, implementation and integration with Biller system(s) of its standard Service as set forth in the Statement of Work (the "Implementation"). Invoice Cloud reserves the right to also charge for changes and additions to the Implementation, and for

any requests by Biller following the implementation which are agreed in writing by the parties, including without limitation for the following services, at its then standard rates:

- Custom development and features which are not stated in the Statement of Work and Biller Order Form, and change requests and modifications to existing platform functionality not stated in the Statement of Work and Biller Order Form;
- Additional integrations or integration modifications after the Go Live Date that are not provided for in the Biller Order Form or Statement of Work;
- Changes to bill presentment (web and PDF templates), billing system integrations, and other Service components coded or configured to Biller's specifications after Biller has signed off on the relevant specification or Service is live;
- Custom data extracts and file requests that are not part of the Implementation signed off on by both parties; and
- Data conversion not listed in the Statement of Work, or repetitive re-loading of data due to Biller error.

12. Limitation of Liability. INVOICE CLOUD'S AGGREGATE LIABILITY SHALL BE UP TO AND NOT EXCEED THE AMOUNTS ACTUALLY PAID BY AND/OR DUE FROM BILLER AND BILLER'S CUSTOMERS IN THE TWELVE (12) MONTH PERIOD IMMEDIATELY PRECEDING THE EVENT GIVING RISE TO SUCH CLAIM. IN NO EVENT SHALL INVOICE CLOUD AND/OR ITS LICENSORS BE LIABLE TO ANYONE FOR ANY INDIRECT, PUNITIVE, SPECIAL, EXEMPLARY, INCIDENTAL, CONSEQUENTIAL (INCLUDING LOSS OF DATA, REVENUE, PROFITS, USE OR OTHER ECONOMIC ADVANTAGE) DAMAGES ARISING OUT OF, OR IN ANY WAY CONNECTED WITH THE SERVICE, EVEN IF THE PARTY FROM WHICH SUCH DAMAGES ARE BEING SOUGHT OR SUCH PARTY'S LICENSORS HAVE BEEN PREVIOUSLY ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. Certain states and/or jurisdictions do not allow the exclusion of implied warranties or limitation of liability for incidental, consequential or certain other types of damages, so the exclusions set forth above may not apply to Biller.

13. Export Control. The Biller agrees to comply with United States export controls administered by the U.S. Department of Commerce, the United States Department of Treasury Office of Foreign Assets Control, and other U.S. agencies.

14. Notice. Either party may give notice by electronic mail to the other party's email address (for Biller, that address on record on the Biller Order Form) or by written communication sent by first class mail or pre-paid post to the other party's address on record in Invoice Cloud's account information for Biller, and for Invoice Cloud, to Invoice Cloud, Inc., 30 Braintree Hill Office Park, Suite 101, Braintree, MA 02184 Attention: Client Services or helpdesk@invoicecloud.com. Such notice shall be deemed to have been given upon the expiration of 48 hours after mailing or posting (if sent by first class mail or pre-paid post) or 12 hours after sending (if sent by email).

15. Immigration Laws. Invoice Cloud represents and warrants that it has complied and will continue to comply with all applicable immigration laws with respect to the personnel assigned to the Biller.

16. Beta Products. In the event that there is any functionality labelled "Beta" on the Biller Order Form, such functionality is provided "AS IS" WITHOUT ANY EXPRESS, OR IMPLIED WARRANTY, INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, AND ALL OTHER WARRANTIES ARE HEREBY DISCLAIMED TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW BY INVOICE CLOUD AND ITS LICENSORS AND PAYMENT PROCESSORS. INVOICE CLOUD'S AGGREGATE LIABILITY WITH RESPECT TO SUCH FUNCTIONALITY SHALL BE UP TO AND NOT EXCEED $10.

17. General.

(a) With respect to agreements with municipalities, localities or governmental authorities, this Agreement shall be governed by the law of the state wherein such municipality, locality or governmental authority is established, without regard to the choice or conflicts of law provisions of any jurisdiction. With respect to Billers who are not with municipalities, localities or governmental authorities, this Agreement shall be governed by Massachusetts law and controlling United States federal law, without regard to the choice or conflicts of law provisions of any jurisdiction. No text or information set forth on any other purchase order, preprinted form or document (other than a Biller Order Form and any add on Biller Order Form, if applicable), and no documentation (including any implementation planning documents) except as specifically referenced in this Biller Agreement, shall modify, add to or vary the terms and conditions of this Agreement. If any provision of this Agreement is held by a court of competent jurisdiction to be invalid or unenforceable, then such provision(s) shall be construed, as nearly as possible, to reflect the intentions of the invalid or unenforceable provision(s), with all other provisions remaining in full force and effect. No joint venture, partnership, employment, or agency relationship exists between Biller and Invoice Cloud as a result of this agreement or use of the Service. The failure of either party to enforce any right or provision in this Agreement shall not constitute a waiver of such right or provision unless acknowledged and agreed to by Invoice Cloud in writing. All rights and obligations of the parties in Sections 4, 6, 10, 12, 14, 16 and 17(a) and (b) shall

survive termination of this Agreement. This Agreement, together with any applicable Biller Order Form, comprises the entire agreement between Biller and Invoice Cloud and supersedes all prior or contemporaneous negotiations, discussions or agreements, whether written or oral between the parties regarding the subject matter contained herein. Biller agrees that Invoice Cloud can disclose the fact that Biller is a paying customer and the version of the Service that Biller is using. Where this Agreement is incorporated into, embedded in or otherwise made a part of a separate agreement between Invoice Cloud, Biller and a third party service provider ("Third Party Agreement"), and such Third Party Agreement is terminated or expires, Biller and Invoice Cloud agree that the terms and conditions of this Agreement shall survive and remain in effect as between Biller and Invoice Cloud until this Agreement expires or is otherwise terminated by either Biller or Invoice Cloud in accordance with the terms herein.

(b) Additional terms and conditions and definitions applicable to this Agreement and the Biller Order Form are found in the Biller Terms and Conditions (Exhibit C) (the "Biller T+C") and are agreed to by Invoice Cloud and the Biller.

InvoiceCloud
Statement of Work
{County of Tehama}

Introduction
This Statement of Work (SOW) scopes the high-level integration overview for the {County of Tehama} (Biller).

The InvoiceCloud (IC) suite of services (The Service) will give the Biller and its customers the ability to accept electronic payments for invoiced and non-invoiced items. The Service will allow the Biller to offer electronic payment processing in a securely hosted real-time environment. Customers will be able to locate, view and print bills or invoices and payment records online and pay using credit cards, debit cards, digital wallets, and electronic checks.

This SOW contains many products, services, and payment methods. Only the specific products, services and payment methods selected by Biller**,** as outlined in the Biller Order Form for each Invoice Type, are included in the delivery of products, services, and payment methods.

Definitions:

1. Biller – Merchant / {County of Tehama}
2. Payer – Client customer, resident, person paying a bill or invoice.
3. EBPP – Electronic Bill Presentment & Payment
4. Bill – Bill and Invoice are used synonymously throughout this document.
5. RTDR - Real-Time Data Refresh – collects and aggregates the data as soon as a user accesses a specific function.
6. NTDR – Near-Time Data Refresh – integration that happens periodically; the data is collected immediately but it is not aggregated until later – data can be processed every day, every hour or even every few minutes.
7. EMV - **EMV** is a payment method based on a technical standard for smart payment cards and for payment terminals and automated teller machines which can accept them. EMV stands for "**E**uropay, **M**astercard, and **V**isa", the three companies that created the standard.
8. P2PE - Point-to-Point Encryption

1. Security and Industry Compliance

InvoiceCloud maintains full compliance with current applicable Payment Card Industry (PCI) standards, Cardholder Information Security Program (CISP) regulations and National Automated Clearinghouse Association (NACHA) rules and guidelines. InvoiceCloud will abide by such guidelines for the security of all cardholder data that InvoiceCloud possesses.

a. **PCI** - InvoiceCloud will provide compliant storage of Biller's customer payment information that is certified by Visa/MasterCard. Data security measures are addressed during collection and transmission via SSL with our patent pending encryption technology. All confidential information will be treated in accordance with the PCI standards.
b. **Software as a Service (SaaS) Architecture** – All Biller customer financial and payment information and the invoice presentment and payment processing application is housed offsite from Biller.
c. **Browser Compatibility** - InvoiceCloud supports the most current version of the industry's most common browsers. Web browsers which do not support Transport Layer Security (TLS)

versions 1.2 or 1.3 will be unable to connect to the InvoiceCloud platform. Unsupported browsers include Internet Explorer running on Windows XP, Server 2003, and Vista operating systems.

2. Data Integration

The integration(s) matrix for the Biller will include the functionality found in Appendix B.

3. EBPP Customer Portal

The Customer Portal is an electronic bill presentment and online payment portal (EBPP) where a Biller's customer (Payer) can view a bill and then proceed, within the same user interface, to make an online payment.

a. InvoiceCloud will present bills electronically through a payer portal that is branded for Biller or via an email notification, if the Payer provides an email address.
b. The electronic invoice presentment will simulate the paper invoice Biller uses and will be available in PDF and/or html format.
c. The Service may provide the Payer the option of making a payment via credit/debit card, digital wallet, or e-check (EFT/ACH).
d. The Service provides the Payer a one-time online payment option without registration, and the capability to register to access Payer's account history, schedule a payment, or set up AutoPay payments.
e. A Payer will have the ability to choose their payment date (also known as scheduled payments).
f. Payers will have the option to enroll in Pay by Text:
    - Provides interactive SMS registration and enrollment confirmation
    - Sends notification when new bills are available for viewing and payment
    - Allows for payment utilizing a stored-payment method (default payment method) or payment via URL
g. The system will accept partial, full, or overpayments as defined by the Biller.
h. The Payer will register with the Service using the authentication method designated by Biller.
i. Linking Accounts - After registering with the Service, the Payer will be able to login into their account(s). If the Payer has multiple accounts and uses the same authentication information for all accounts, the Payer will be able to link their account and view from a single registration. The Payer will then have the option to choose which account they would like to pay or view in further detail.
j. The Payer will receive an email confirmation of payment after any payment process.
k. The Payer will have the ability to search and access historical bills once they register with the Service. The Service will store twenty-four (24) months of rolling history from the point of Biller's first invoice file upload to the Service. This includes invoice history and account history.
l. Payers who have scheduled a payment or registered for AutoPay will receive email notification from the Service of pending payments.
m. The Service includes shopping cart functionality.
n. The Service will allow the Payer the option to elect paperless billing.
o. A Payer registered for paperless billing will be automatically placed back on paper billing if their email address is undeliverable; notification of the Payer's undeliverable email address will be sent to Biller via email.
p. Billers will have the option to enable an in-line Donations Invoice Type:
    - Payers can make a one-time monetary donation to a particular fund, in addition to their primary bill payment, which appears as a line item on the transaction receipt.

- Biller may choose from several configuration options including but not limited to, round up, fixed amount, other donation amount, start and end date.
- IC supports up to 10 unique donation invoice types with logo and informational text box. Changes are made by request through the HelpDesk.
- Transaction reporting is made available in the Biller Portal.
- Biller may choose to deposit donation funds into a separate bank account.

d. Biller website online form URLs: Virtual site configuration allows for Biller specific URLs, text and images on the landing page Welcome Message area and Right-Side Menu (right menu not rendered in the mobile view).

4. <u>Biller Portal</u>

The Biller Portal is our comprehensive administrative portal where Biller staff will have access to reporting, reconciliation, view SaaS product release notes and send feedback, customer profile management tools, search real time payments, manage customer email templates, contact support, sign up for training, and other general reporting functions.

- Customer Profile – Management Tools (subject to applicable user permissions)
  - Ability to assist a customer with payments using a new or saved payment method
  - View 24-months billing and payment history, with PDF/HTML bill view
  - Ability to enroll or modify customer enrollment in AutoPay, Paperless, Pay by Text, or Recurring Scheduled Payments
  - Login as Account Owner
  - Re-send first email notifications, send on demand Pay by Text SMS
  - Compatible with POSPay to facilitate EMV transactions
  - View summary Email History with send dare and click through history
  - View Customer History, including CSR activity on account
  - Facilitate Password Reset
- User Permissions – The Biller Portal includes a table of permissions for each individual User, determined by the Biller's System Administrator. Each permission is applied to a user ID on an individual basis to maximize flexibility. The system administrator can allow or disallow access to functions such as viewing data, creating reports, resending email notices, processing payments, credits or refunds, editing email templates and more. Since it is controlled by Biller administrator, changes can be made quickly on an as needed basis.
- Maintenance Window – InvoiceCloud provides the option to create maintenance windows, which are time spans in which users are not allowed to process transactions. If a payment attempt is made during an active maintenance window, the user will be redirected to a page with a message that the system is undergoing maintenance. Biller Portal users with sufficient permissions can manage maintenance window timing and messages as needed. This includes an option to apply a maintenance window to all customer-facing pages, when you need to go further than blocking new payment attempts and restrict all customer access to InvoiceCloud (bill search, login, browsing) during the time span provided. Two types of maintenance windows can be enabled:
  - Daily Maintenance Window – a recurring maintenance window that runs daily during a provided time span (from HH:MM to HH:MM).
  - Scheduled Maintenance Window – a continuous maintenance window that runs during a provided date range with start and end times (from DD/MM/YYYY at HH:MM to DD/MM/YYYY at HH:MM).

5. <u>Reporting</u>

The reports listed below are standard in the Biller Portal. They do not require any customization and are available on demand. All reports can be scheduled by the user to be delivered by email with a CSV file download. Available reporting may vary, depending on your billing system integration method (batch vs real-time) or portal delivery method (InvoiceCloud direct vs Single Sign-On).

- Please note that by selecting “All Rows” in a report, the user can schedule it for email delivery.
- User can customize the report name and frequency.
- Multiple email addresses can be added to receive reports.
- All reports can be exported to Excel.

General Reports:

- Search Customers
- Search Files:
  - Adjustment Files
  - Invoice Files
  - Payment Files
- Search Payments
- AutoPay
- Customers:
  - Customer Conveyance
  - Data Pump History
  - Expiring Cards
  - Pay by Text Registrations
- Donations:
  - Donors Report
  - Donation Summary
- Email:
  - Email Change
  - Email Do Not Send List
  - Email Notification Summary
  - Email Statistics
  - Email Tracking
- Invoices: Total Outstanding Invoices
- Paperless:
  - Paperless Billing
  - Paperless Bounce
  - Paperless Registration History
  - Paperless
- Payments:
  - Daily Payments Received
  - Monthly Summary
  - Recurring Scheduled Payments
  - Registration
  - View Scheduled Payments

Custom Scheduled Reports:

- Active Customers
- Email Click Through from Current Month
- Email Click through from Last Month
- Inactive Customers
- Outstanding Invoices
- Paperless Customers with Address
- Paperless Customers Email Address
- Payment Details from last Month
- Payment Details from Yesterday

Reconciliation Reports:

- Batch:
  - Open Batch
  - Settled Batch History
- Chargebacks
- Deposit Reconciliation
- Payment Reconciliation
- EFT/ACH Rejects
- EFT/ACH Support: EFT/ACH Reject Codes

Product Reports:

- Cloud Store:
  - Biller Summary
  - Consumer Summary
  - Detail Export
  - Payment Summary
  - Transaction Detail
- Online Bank Direct
  - Deposits
  - Pending Payments
  - Processed Payments
  - Reconciliation
  - Returned Payments
  - Reversals
  - Unmatched Payments
- Request System
  - Search Requests
  - Open Requests
  - Configuration
- Outbound Campaigns

Reports by Subscription (Email Recipients):

These reports are designed for Biller's individual users or distribution groups, who want to receive updates, whenever the event is triggered.

- ACH Reject
- AutoPay
- Batch Close
- Chase Retrieval Requests
- Cloud Payments Receipts
- Cloud Store Receipts
- Cloud Burst Newsletter
- Daily Management Report
- Data Pump Error Summary
- File Processing
- Month End Billing Invoice
- Online Bank Direct
- Paperless Customer Email Bounce Daily Report
- Request System Notifications
- Service Updates
- Stratus Notifications

6. **Payer Email Notifications**

The Service provides a set of customizable email notification templates for each invoice type that are delivered for numerous events surrounding electronic invoice presentment and payment activity. Email notifications may be customized through the Biller Portal using a Word style editor and options to insert secure hyperlinks to website, links to electronic documents such as newsletter or bill inserts, and/or variable fields selected from the Biller's data file.

7. **Implementation Process**

InvoiceCloud assigns an Implementations Manager (IM) for each project. The IM will be the Biller's primary contact during the implementation process and coordinates all necessary resources from Biller, Biller software company, InvoiceCloud, and any sub-contractors. The IM will provide the Biller with the following documents to facilitate the project:

a. **New Biller Questionnaire & Questionnaire Key** – Documents critical information needed to setup and initiate the service including information on business rules and feature selection.
b. **Project Timeline** – Details project schedule and milestones.
c. **Testing & Training Plan** – This plan walks the Biller through a set of user acceptance testing criteria and facilitates training on the service.

8. **Support**

InvoiceCloud's Client Services team is available to assist you Monday – Friday from 7:00 am – 8:00 pm Eastern Time, excluding holidays. You may submit a ticket (at any time) via Support Central in your Biller Portal, or, during these hours, speak to a Product Specialist who will answer questions, troubleshoot problems, and assist as needed to enable you to get the most from your partnership with InvoiceCloud and your use of the Service. You will also be provided with a special telephone number that you can use should you encounter an emergency after hours. We use the following severity levels to guide our team:

- "Critical Severity" support issues are responded to within 1 hour and must be reported via phone so we can most quickly troubleshoot with you. Examples of these issues include unavailability of the InvoiceCloud portal, platform, integrations, or APIs, or a problem that is severely adversely impacting your ability to use the platform.
- "High Severity" support issues are responded to within 2 hours and should be reported via telephone or by emailing helpdesk@invoicecloud.com. Examples of these issues include degraded performance of the InvoiceCloud platform or APIs, although the portal and processing are still available.
- Other support issues are responded to by the next business day and should be reported via telephone or by emailing helpdesk@invoicecloud.com. Examples include general questions, feature requests, data pulls, multi-factor authentication resets, integration troubleshooting, etc.

9. **Success Manager**

A Customer Success Manager (CSM) will be assigned to the client during the implementation. The CSM is there to help ensure the Biller receives the maximum value from the platform and has an internal advocate, adoption resource, and point of escalation if/when needed.

10. **Biller Training**

Biller staff will be guided in how to use the system through in-house training, documentation, remote live sessions, and access to our client support team.

- All standard training will be done remotely. InvoiceCloud's training personnel will at minimum provide sessions for Payer Portal, Biller Portal, and Reconciliation.

- Separate training is conducted for Biller's technical staff regarding the uploading of bill files and any other applicable processes.
- Live Training Enrollment is available in the Biller Portal.
- A library of pre-recorded training videos is also available in the Biller Portal.

11. Marketing

InvoiceCloud provides marketing support that our Billers can use to promote the EBPP and IC payment solutions to its Payers, at no charge. InvoiceCloud's marketing group will schedule a 1-hour conference call to review InvoiceCloud's recommended best practices for promoting the service. Sample templates will be provided for each item and customizations can be made upon request. The marketing collateral that InvoiceCloud provides may include:

- Bill Inserts
- Newsletters
- Envelope Teasers
- Pay Button Link
- Posters with Acrylic Stands for Payment Counters
- Business card sized take-away cards with QR code
- Local cable/TV station announcement

12. IVR

CloudIVRConnect allows Billers to accept payments via our interactive voice response system, offering payers 24-hour access to account balance and payment options.

- Provides for a toll-free call and a caller ID number set by the Biller
- Supports messaging in both English and Spanish
- Additional languages may be scoped upon request
- Provides for a customizable initial greeting (includes County of Tehama) – all remaining prompts are standard
- Ability to pay with credit card, debit card, or e-check (ACH)
- Replays information with InvoiceCloud generated confirmation #
- On Demand SMS URL, Cell Phone Number Authentication, Saved Payment Method, and Email confirmation available configuration options.

13. AgentConnect

The IC AgentConnect allows Biller Users (Agent/CSR/Other) to login to the Customer Portal and perform actions on behalf of a specific customer/account. The following options are available:

- Ability to pay with credit card, debit card, or e-check (ACH)
- Ability to enroll customer in AutoPay
- Ability to enroll customer in Paperless
- Ability to enroll customer in Pay by Text
- Option to require authorization/disclosure statement before Customer Portal entry
- Option to enable card swipe functionality at point of sale
- Provides built-in auditing to track Agent/CSR activity in the Biller Portal

14. Cloud Store™

The IC Cloud Store allows Billers to accept payments for non-invoiced services like books, t-shirts, etc., fire, police, building permits, or activity programs. The following options are available:

- Accept electronic check and or credit/debit cards.

- Customer receives immediate email confirmation of payment.
- Department receives email notification of purchase event for instant fulfillment services.
- Linked to Biller branded payment portal.
- Can be configured to accept POSPay transactions in the Biller Portal.

15. POSPay

The IC POSPay solution allows Billers to accept point-of-sale (POS) payments from customers using chip cards (EMV), contactless devices (Apple Pay, Google Pay), and RFID-enabled cards (tap-to-pay). POSPay terminals utilize point-to-point encryption (P2PE) for secure acceptance, tokenization, and transmission of card data to complete transactions. InvoiceCloud offers both wired terminals (Ethernet) for use at the counter and wireless handhelds (WiFi). POSPay can be integrated in Biller Portal for EBPP and Cloud Store invoice types, or third-party applications using CloudPay v2.

16. Online Bank Direct™

The IC Online Bank Direct (OBD) allows Billers to electronically import e-check (ACH) payments initiated from consumer bank bill sites. The following options are available:

- Auto-matching of payments with open invoices
- Email consumer a payment notification for those customers with an email address on file
- Ability to apply a single payment to multiple invoices
- Custom search capabilities to locate matching invoice(s)
- Electronic deposit of corresponding e-checks

12. **Outbound Campaigns**

Outbound Campaigns is a multi-modal broadcast platform that allows Biller delivery of automated Voice, SMS, and Email notices. Campaigns can be targeted to notify specific customers using preferred contact methods and configurable messages. Campaigns can be queued for instant delivery or scheduled to be sent out in the future. Whether you're sending out notifications for customer support, emergency alerts or appointment reminders, Outbound Campaigns allows you to contact and keep in touch with customers throughout their entire journey.

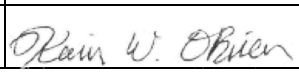
This statement of work contains many products, services, and payment methods. Only the specific products, services and payment methods selected by the Biller**,** as outlined in the Biller Order Form, are included in the delivery of products, services, and payment methods.

IN WITNESS WHEREOF, the parties hereto have duly executed this Agreement.

{County of Tehama}

Printed Name	
Title	
Date	
Signature	

InvoiceCloud, Inc.

Printed Name	Kevin O'Brien
Title	CEO
Date	11/3/25
Signature	

Appendix A: System Modifications

As outlined below, InvoiceCloud has agreed to make the following changes to the setup and functionality of our platform:

NONE

Appendix B: Integration Supported Features

Modules & Features	MegaByte	
PRODUCTS		
Invoice Types	Secured Tax, Unsecured Tax, TOT, Supplemental	
EBPP	Supported	
Cloud IVR Connect	Supported	
Online Bank Direct	Supported	
POS Pay (EMV acceptance via IC Biller Portal)	Supported	
Pay by Text	Supported	
Apple Pay	Supported	
Google Pay	Supported	
PayPal	Supported	
Cloud Pay v2 (checkout from MegaByte search)	Supported	
DATA EXCHANGE	**Method**	**Frequency**
Invoices	SFTP	Each Billing Cycle
Account Balances	Web Services	Real-Time (RTDR)
Payments	Web Services	Near-Time (Data Pump)
Block Payment Method (Credit/ACH)	Web Services	Real-Time (RTDR)
INVOICE FILES		
IC Translates file	Supported	
Historical Data (7-10 years shown online)	Supported	
BILL PRESENTMENT		
PDF Extraction (Partial)	Supported	
Link to PDFs	Preferred	

Appendix C: Biller Deliverables

Deliverable
Comply with P2PE Chain of Custody requirements for EMV terminal delivery/receipt and management
Ethernet connection available for each EMV terminal
Open port 443 (HTTPS) to allow communication with EMV terminals
Sample Invoice File
Real Time Data Refresh API or webservice URL and documentation
Payments and Customer Enrollments Datapump API or webservice URL and documentation
Sample Images of Bills (for PDF Extraction) or Endpoint URL (for PDF Linking)
Auto Pay Conversion data (if applicable)
Paperless conversion data (if applicable)

EXHIBIT C

BILLER TERMS AND CONDITIONS

1. Definitions.

The following definitions apply as used in the Agreement and in any Biller Order Form and add on Biller Order Form, now or hereafter:

"Agreement" or "Biller Agreement" means these terms and conditions, the Biller Agreement, any Biller Order Form, add on Biller Order Form, whether written or submitted online and any materials available on the Invoice Cloud website specifically incorporated by reference herein;

"Biller", "you", or "your" means the Invoice Cloud customer that has executed or agreed to the Biller Agreement, Biller Order Form and Billers Terms and Conditions whether written or submitted online;

"Biller Data" means invoices and bills of the Biller as well as the Content of such invoices and bills;

"Biller Order Form" means the order form referencing the service to be performed by Invoice Cloud and any add on services under any add on Biller Order Form;

"Chargeback" is a reversal of a Transaction initiated by a credit card company, processor, bank or other financial institution including chargebacks, ACH rejects or reversals, disputes and other refunds or credits, that Biller previously presented to Invoice Cloud under this Agreement and includes, but is not limited to: (i) failure to issue a refund to a Customer as required; (ii) Invoice Cloud did not receive Biller's response to a Retrieval Request within 7 days or any shorter time period required by the Payment Brand Rules; (iii) a Customer disputes the Transaction or claims that the Transaction is subject to a set-off, defense or counterclaim, or (iv) the Biller Bank Account designated by the Customer for an ACH transaction is invalid, or has insufficient funds to complete a Transaction;

"Content" means the information and documents contained or made available to Biller by Invoice Cloud in the course of using the Service;

"Customer" shall include customers, payers, taxpayers and users of services of Biller;

"Customer Data" means name, address and contact information of Customers and associated credit card numbers and bank account numbers, excluding any data that Invoice Cloud acquired other than from the Biller or Customers;

"Effective Date" means the date this Agreement is accepted by executing a Biller Order Form;

"Go Live Date" means the date on which those invoice types listed on the Biller Order Form are publicly available to Customers for online payment;

"Intellectual Property Rights" means unpatented inventions, patent applications, patents, design rights, copyrights, trademarks, service marks, trade names, domain name rights, mask work rights, know-how and other trade secret rights, and all other intellectual property rights, derivatives, integration components and application programming interfaces thereof, and forms of protection of a similar nature anywhere in the world;

"Integration Components" means software, which integrates the Service with third party software, and any updates or revisions thereto;

"Invoice Cloud" or "we" means Invoice Cloud, Inc., a Delaware corporation;

"Invoice Cloud Technology" means all of Invoice Cloud's proprietary technology (including software, hardware, products, processes, algorithms, user interfaces, know-how, techniques, designs and other tangible or intangible technical material or information) made available to Biller or otherwise developed by Invoice Cloud in providing the Service;

"IVR" means the software as a service which provides interactive voice and communication response functionality, automated payments by voice and text, text (SMS) messaging, and related functionality, including inbound and outbound communications;

"Network" is any Payment Method provider whose payment method is accepted by Biller from Customers and which is accepted by Invoice Cloud for processing, including, but not limited to, Visa, Inc., MasterCard International, Inc., American Express, PayPal (including Pay Pal, Venmo, Pay In 4 and PayPal Credit), Discover Financial Services, LLC, and any other Payment Methods, digital wallets, credit and debit card providers, debit network providers. Network also includes the National Automated Clearing House Association ("NACHA"), with respect to Transactions involving any credit or debit entry processed over the ACH network, and any other network or clearinghouse over which any electronic check processing Transactions may be processed;

"Network Fees" means all pass-through costs including interchange, PayPal brand fees, dues, assessment fees, processing fees, and similar fees, assessed by any Network, credit card or payment processers, bank card issuers, payment associations, ACH and check processers;

"Network Liabilities" means any and all fines, fees, penalties, liabilities, charges and other amounts which may be imposed or assessed by the Networks or payment processors as a result of Biller's actions, omissions, , Transactions or Chargebacks, including without limitation, Biller's failure to comply with the Network Rules, or this Agreement and/or any agreement with any payment processor;

"Order Form" or "Biller Order Form" means the form evidencing the initial subscription for the Service and any subsequent Biller Order Form, specifying, among other things, the services contracted for, the applicable Biller Pricing fees and Transactional Fees and Service Fees by Invoice Type (as listed on one or more Invoice Parameter Sheets which are part of the Biller Order Form), the billing period, and other charges, terms and conditions as agreed to between the parties, each such Biller Order Form to be incorporated into and to become a part of this Agreement;

"Payment Instrument Transaction(s)" or "Transaction(s)" means a transaction conducted between Biller and its Customers with respect to an account, or evidence of an account, utilizing Payment Methods for payment in connection with the sale, lease, financing or provision of goods and/or services by Biller and/or payment of taxes (either directly or through Invoice Cloud). "Payment Instrument Transaction(s)" or "Transaction(s)" may also be used to refer to the written or electronic record of such a transaction, including, without limitation, an authorization code, settlement record, ECP file,

or a credit or debit entry pursuant to and consistent with NACHA Rules or card association rules which is submitted to a processor to initiate or evidence a Transaction;

"Payment Processing Agreements" means the payment and card processing agreements and merchant agreements which Invoice Cloud has directed the Biller to enter into to enable Invoice Cloud to provide the Service;

"Payment Methods" means credit and debit cards, ACH, EFT and Check 21 transactions, digital wallets including but not limited to Visa, MasterCard, Amex and Discover, PayPal, Venmo, Apple Pay, Google Pay, credit instruments including PayPal Credit and PayPal Pay in 4, stored value cards, loyalty cards, electronic gift cards, authorized account or access numbers, paper certificates and credit accounts that are used for Payment Instrument Transactions and listed on the Biller Order Form. From time to time Invoice Cloud may offer Biller new Payment Methods, and, in such event, Invoice Cloud will provide Biller with notice by email disclosing the pricing under which the added Payment Methods are made available. Biller will have at least thirty (30) days after the date of the notice to opt-out of the additional Payment Methods in the manner provided in the notice. If Biller does not opt-out in such time frame, then on introduction of the additional Payment Methods, Biller will be bound by the additional terms as disclosed in the notice, and the Biller Order Form will be deemed amended to reflect the changes;

"Reserve Account" means a Biller account which is maintained in order to protect Invoice Cloud against the risk of, among other things, existing, potential, or anticipated Chargebacks and to satisfy the other obligations under the Agreement;

"Service(s)" means Invoice Cloud's billing and payment service, the Content, the Invoice Cloud Technology and other services identified on the Biller Order Form, developed, operated, provided, and/or maintained by Invoice Cloud, accessible via www.invoicecloud.com or another designated website or IP address, or ancillary online and/or offline products and services provided to Biller by Invoice Cloud, to which Biller is being granted access under this Agreement.

2. Biller's Responsibilities.

(a) Biller is responsible for all activity occurring under Biller's account(s) and shall abide by all applicable laws and regulations as well as card association rules, NACHA rules and Payment Processing Agreements, in connection with Biller's and/or its customers' use of the Service, including those related to data privacy, communications, export or import of data and the transmission of technical, personal or other data. Biller shall: (i) notify Invoice Cloud immediately in writing of any unauthorized use of any password or account or any other known or suspected breach of security; (ii) report to Invoice Cloud and immediately stop any copying or distribution of Content that is known or suspected to be unauthorized by Biller or Customers; and (iii) not impersonate another Invoice Cloud user or provide false identity information to gain access to or use the Service. Biller shall not: (i) send or store material containing software viruses, worms, Trojan horses or other harmful computer code, files, scripts, agents or programs; (ii) interfere with or disrupt the integrity or performance of the Service or the data contained therein; (iii) attempt to gain unauthorized access to the Service or its related systems or networks; (iv) license, sublicense, sell, resell, transfer, assign, distribute or otherwise commercially exploit or make available to any third party the Service in any way; (v) modify or make derivative works based upon the Service; (vi) recreate, "frame" or "mirror" any portion of the Service on any other server or wireless or Internet-based device; (vii) reverse engineer or access the Service; or (viii) copy any features, functions or graphics of the Service.

(b) Biller must designate on the Biller Order Form (and/or subsequent to execution of the Biller Order Form as requested by Invoice Cloud), at least one bank account for the deposit and settlement of funds and the debit of any Chargebacks, fees and costs, including, but not limited to Network Fees and Network liabilities, associated with the Service or the Transactions (all such designated bank accounts and all bank accounts substituted for accounts listed on the Biller Order Form shall be collectively referred to herein as the "Biller Bank Account"). You authorize Invoice Cloud to instruct its processors to initiate electronic credit entries, debit entries, and adjustments to a Biller Bank Account for amounts due to or from you in connection with this Agreement. Invoice Cloud will not be liable for any delays in receipt of funds or errors in Biller Bank Account entries caused by third parties, including but not limited to delays or errors by the Networks, payment processors, merchant acquirors or the bank.

(c) The dollar amount payable to Biller for Biller's Transactions will be equal to the amount submitted by Biller in connection with your sale Transactions, minus the sum of amounts due from Biller or debited from a Biller Bank Account, including Chargebacks, Network Fees, Network Liabilities, other fees and charges referenced on the Biller Order Form and all applicable charges and adjustments. If, however, Invoice Cloud or the processor fails to withhold Chargebacks, Network Fees or other charges or amounts due from the proceeds payable to a Biller Bank Account (including where such proceeds are insufficient to cover such obligations), or if a Biller Bank Account does not have a sufficient balance to pay amounts due from Biller under these guidelines, Invoice Cloud may pursue one or more of the following options: (i) demand and receive immediate payment from Biller for such amounts; (ii) debit the Biller Bank Account for the amount of the negative balance; (iii) reduce future settlement payments by the amount owed, (iv) withhold settlement payments to the Biller Bank Account until all amounts are paid, (v) delay presentation of refunds until a payment is made to Invoice Cloud of a sufficient amount to cover the negative balance; and (vi) pursue any remedies we may have at law or in equity.

(d) To enable Invoice Cloud to process transactions for the Biller, Biller authorizes and directs Invoice Cloud, its affiliates, the Payment Method providers, and the payment processors: (1) that, with respect to any Payment Instrument Transactions processed by the payment processor, the payment processor will disburse funds to and collect funds from the Biller in accordance with instructions provided to the payment processor by Invoice Cloud, and as otherwise permitted pursuant to any applicable Payment Processing Agreement that Biller has entered into; (2) that outstanding sums due and owing to Invoice Cloud, including, but not limited to Chargebacks and Network Fees, will automatically be debited from the Biller Bank Account for such purpose on a daily or monthly basis at Invoice Cloud's sole discretion. Biller shall maintain sufficient funds in the Biller Bank Accounts to pay all periodic fees, Chargebacks, Network Fees and other fees due hereunder; and non-sufficient funds for these debits, or blocking or otherwise rendering inaccessible any Biller Bank Account, are grounds for an increase in fees, suspension of the Service, and/or termination of this Agreement.

(e) Invoice Cloud is not responsible for any Biller postings in error due to delayed notification from credit card processor, ACH bank, and/or other related circumstances. Biller agrees to provide Invoice Cloud with timely, complete, and accurate billing and contact information. This information includes Biller's legal company name, street address, e-mail address, and name and telephone number of an authorized billing contact and License Administrator. Biller agrees to update this information within 30 days of any change to it.

(f) Biller is required to ensure that it maintains a fair policy in compliance with applicable laws, regulations, and all Network rules with regard to the refund, return or cancellation of services and adjustment of Transactions. Biller is also required to disclose any refund, return or cancellation policies to Invoice Cloud and any applicable payment processors and Biller's Customers, as requested. Any change in a return or cancellation policy for the transactions underlying the Payment Instrument Transactions must be submitted to Invoice Cloud, in writing, not less than 21 days prior to the effective date of such change.

If Biller allows or is required to provide a price adjustment, or cancellation of services in connection with a Transaction previously processed, Biller will prepare and deliver to Invoice Cloud, Transactions reflecting such refund/adjustment within 2 days of resolution of the request resulting in such refund/adjustment. The amount of the refund/adjustment with respect to Transactions under the Service cannot exceed the amount shown as the total on the original Transaction. Biller may not accept cash or any other payment or consideration from a Customer in return for preparing a refund to be deposited to the Customer's account; nor, with respect to credit card transactions, may Biller give cash/check refunds to a Customer in connection with a Transaction previously processed, unless required by applicable law.

Individual users, when they initially log in, may be asked whether or not they wish to receive marketing and other non-critical Service-related communications from Invoice Cloud from time to time. They may opt out of receiving such communications at that time or at any subsequent time by changing their preference at http://www.invoicecloud.com/privacy.html. Note that because the Service is a hosted, online application, Invoice Cloud occasionally may need to notify all users of the Service (whether or not they have opted out as described above) of important announcements regarding the operation of the Service.

(g) As to all Transactions that Biller submits to Invoice Cloud for processing, Biller represents and warrants that:

(1) The Transactions represent payment or refund of payment, for a bona fide transaction.

(2) The Transactions represent an obligation of the Customer for the amount of the Transaction, and that the Transaction is valid and accurate.

(3) The Transactions do not involve any element of credit for payment of a previously dishonored payment or for any other purpose than payment for a current transaction and future payments as agreed upon by the Customer.

(4) The Transactions are free from any material alteration not authorized by the Customer.

(5) The amount charged for the Transaction is not subject to any dispute, setoff, or counterclaim.

(6) Neither Biller nor its employees has advanced any cash to the Customer in connection with the Transaction, nor have you accepted payment for effecting credits to a Customer.

(7) Biller has made no representation or agreement for the issuance of refunds except as it states in your return/cancellation policy, which has been previously submitted to Invoice Cloud in writing, and which is available to the Customer.

(8) Any Transaction submitted to Invoice Cloud to credit a Customer's account represents a valid refund or adjustment to a Transaction previously submitted to Invoice Cloud.

(9) Biller has no knowledge or notice of information that would lead it to believe that the enforceability or collectability of the subject Transaction is in any manner impaired. The Transactions, including but not limited to total due fields, are complete, accurate and in compliance with all Network rules, applicable laws, ordinances, and regulations. The Transactions are originated in compliance with this Agreement and any applicable agreements.

(10) For a Transaction in which the Customer pays in installments or on a deferred payment plan, a Transaction record has been prepared separately for each installment transaction or deferred payment on the date(s) the Customer agreed to be charged. All installments and deferred payments, whether or not they have been submitted to Invoice Cloud for processing, shall be deemed to be a part of the original Transaction.

(11) Biller has not submitted any Transaction that it knows or should have known to be unauthorized, fraudulent, illegal, or otherwise in violation of any provision of this Agreement or other applicable agreements.

(h) Communications with Customers and Biller Website.

Biller hereby grants to Invoice Cloud and its providers a worldwide, non-exclusive, assignable, perpetual, and royalty-free license and right to copy, use, publish and distribute Customer names, physical addresses, and email addresses as well as obtain email addresses of Biller's Customers by using data Biller has provided or made accessible to Invoice Cloud or any of its affiliates, solely for the purposes of: (i) communicating or sending to Customers (and/or their agents) information designed to inform, promote, and encourage Customers (and/or their agents) to use the Service including, without limitation, paying bills online, enrolling in autopay, and enrolling in paperless billing, and (ii) in conjunction with information relating to feedback and response regarding such communications, creating and using aggregated and anonymized data and analysis for purposes of improving the Service. Biller hereby grants to Invoice Cloud and its providers a worldwide, non-exclusive, assignable, and royalty-free license and right during the Term, to copy, use, modify, and publish the Biller's name, logos, trade dress, photographs, website materials, and other works of authorship for the purpose of implementing and providing the Service and performing their obligations under this Agreement. Biller represents and warrants it has all necessary rights, permissions, and licenses to grant and provide to Invoice Cloud and its service providers the license, rights, and permissions described in this Section and will comply with all applicable laws and regulations with respect to any personal information of any of its Customers. For purposes of clarity, the license, rights, and permission grants described in this Section are part of the "Service" under the Biller Agreement.

(i) American Express Compliance only.

(1) Biller agrees to comply with all applicable laws, rules and regulations, including the American Express Merchant Operating Guide requirements, which are incorporated into this Agreement by reference as if they were fully set forth in the Agreement. The American Express Merchant Operating Guide may be viewed at: www.americanexpress.com/merchantopguide.

(2) Processing Restrictions. Biller is prohibited from processing Transactions or receiving payments on behalf of, or (unless required by law) re-directing payments to any other party.

(3) Third Party Beneficiary Rights.

- Biller confers on American Express the third-party beneficiary rights, but not obligations, to the Biller Agreement and subsequent addenda (collectively the "Agreement") between Biller and Invoice Cloud and, as such, American Express has the express right to enforce the terms of the Agreement against the Biller.
- Biller agrees and warrants that it does not hold third party beneficiary rights to any agreements between Invoice Cloud and American Express and at no time will attempt to enforce any such agreements against American Express.

(4) American Express Limitation of Liability. BILLER ACKNOWLEDGES AND AGREES THAT IN NO EVENT SHALL AMERICAN

EXPRESS, ITS AFFFILIATES, AGENTS, SUCCESSORS, OR ASSIGNS BE LIABLE TO BILLER FOR ANY DAMAGES, LOSSES, OR COSTS INCURRED, INCLUDING INCIDENTAL, INDIRECT, SPECULATIVE, CONSEQUENTIAL, SPECIAL, PUNITIVE, OR EXEMPLARY DAMAGES OF ANY KIND (WHETHER BASED ON CONTRACT, TORT, INCLUDING NEGLIGENCE, STRICT LIABILITY, FRAUD, OR OTHERWISE, OR STATUTES, REGULATIONS, OR ANY OTHER THEORY), ARISING OUT OF OR IN CONNECTION WITH THE AGREEMENT.

3. Chargebacks, Fees, Reserve Account, Etc. If Biller incurs excessive Chargebacks, in Invoice Cloud's sole determination, or otherwise fails to pay fees or charges, or there are insufficient funds for Invoice Cloud to debit amounts for which Biller is responsible hereunder, in addition to other remedies under this Agreement, Invoice Cloud (or the payment processor) may take the following actions: (i) notify Biller of a new rate that will be charged to process Chargebacks; (ii) collect from Biller an amount reasonably determined by Invoice Cloud (or the payment processor) to be sufficient to cover anticipated Chargebacks and all related fees, penalties, expenses, and fines, or increase a reserve amount; (iii) require Biller to promptly establish a Reserve Account as determined by Invoice Cloud, or (iv) terminate the Agreement. Biller shall be responsible to Invoice Cloud for and shall promptly pay to Invoice Cloud such charges required to be paid by Biller; and any Chargebacks, by any party, including without limitation Chargebacks claimed by any payment and credit card processors, bank, or other financial services organization**.**

To the extent permitted by applicable law, Biller shall indemnify, defend, and hold Invoice Cloud, its licensors and Invoice Cloud's subsidiaries, affiliates, officers, directors, employees, attorneys, agents, and payment processors harmless from and against any and all claims, costs, damages, losses, liabilities and expenses (including attorneys' fees and costs) arising out of or in connection with any claim, cause of action, lawsuit, administrative or criminal investigation, charge, action or claim alleging: (i) any charge against any reserves required by payment or credit card processors; (ii) Chargebacks, Network Fees and insufficiency of funds in any Biller Bank Account, by any party, including without limitation Chargebacks claimed by any payment and credit card processors, bank, or other financial services organization; (iii) that use of any Customer Data infringes the rights of a third party; (iv) a violation by Biller of Biller's representations and warranties or the breach by Biller or Biller's users or Customers of this Agreement including without limitation incomplete or inaccurate Transactions; (v) Biller's violation of any third party payment and credit card processing agreement and merchant agreement, or (vi) relating directly or indirectly to Biller's or its authorized users' use of the Service. Biller represents and warrants that the Biller Bank Account(s) will contain sufficient funds to cover any estimated financial exposure based on reasonable criteria for Chargebacks, ACH rejects or reversals, credits, returns, and all additional liabilities anticipated under this Agreement, including, but not limited to Chargebacks, fines, fees and penalties. Invoice Cloud may, at its sole discretion, collect fees related to Chargebacks and ACH rejects and reversals, or other refunds or credits from Biller's customers.

4. Certain Contractual Terms. The following only applies to the extent not otherwise addressed in the Agreement:

LIMITED WARRANTY: THE SERVICES ARE PROVIDED "AS IS". ALL EXPRESSED AND IMPLIED WARRANTIES ARE HEREBY DISCLAIMED WITH RESPECT TO THE INTEGRATION COMPONENTS INCLUDING BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, AND AGAINST LATENT DEFECTS.

NOTWITHSTANDING ANY OTHER PROVISION OF THE AGREEMENT, INVOICE CLOUD'S AND ANY OF ITS AFFILIATE'S TOTAL AGGREGATE LIABILITY FOR ANY DIRECT DAMAGES SHALL NOT EXCEED THE AMOUNTS ACTUALLY PAID BY AND/OR DUE FROM BILLER FOR THE SERVICES IN THE TWELVE (12) MONTH PERIOD IMMEDIATELY PRECEDING THE EVENT GIVING RISE TO THE CLAIM FOR DAMAGES. IN NO EVENT SHALL INVOICE CLOUD AND/OR ANY OF ITS AFFILIATES AND/OR LICENSORS BE LIABLE TO ANYONE FOR ANY INDIRECT, PUNITIVE, SPECIAL, EXEMPLARY, INCIDENTAL, CONSEQUENTIAL DAMAGES (INCLUDING LOSS OF DATA, REVENUE, PROFITS, USE OR OTHER ECONOMIC ADVANTAGE) ARISING OUT OF, OR IN ANY WAY CONNECTED WITH THE SERVICE, EVEN IF THE PARTY FROM WHICH DAMAGES ARE BEING SOUGHT OR SUCH PARTY'S AFFILIATES OR LICENSORS HAVE BEEN PREVIOUSLY ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. Certain states and/or jurisdictions do not allow the exclusion of implied warranties or limitation of liability for incidental, consequential or certain other types of damages, so the exclusions set forth above may not apply to Biller.

To the extent that the Biller's Agreement does not have a Biller indemnification, limited warranty, or limitation of liability clause respectively, or to the extent that there is no Biller Agreement, the clauses in this Section 4 shall apply, control, and be binding on the Biller. Where there is no Biller Agreement, the terms of these Biller Terms and Conditions (and any order forms) shall be the sole and entire agreement between the parties.

5. Encrypted Card Readers (Applicable where Card Readers as designated on the Biller Order Form).

Encrypted Card Readers (or Card Readers as described in the Biller Order Form) are provided to the Biller for their use under license fees provided in the Biller Order Form. Invoice Cloud provides to Biller all products on a license basis. Biller will be fully responsible for all products including without limitation all risk of loss and damage to products while in its possession or control, save normal wear and tear.

Where Invoice Cloud provides encrypted card readers, the following additional terms apply (with "products" or "device" in this Section 5 referring to the encrypted card readers):

a. Invoice Cloud and the manufacturer warrants that the products provided pursuant to this Agreement will perform in accordance with the manufacturer's published specifications. Should a product fail to conform to applicable manufacturer's specifications, repair parts and replacement products will be furnished on an exchange basis and will be either reconditioned or new as specified below. This limited warranty does not include service to repair damage to the product resulting from accident, disaster, unreasonable use, misuse, abuse, customer's, Reseller's, or any other third party's negligence, or non-manufacturer modification of the product. Invoice Cloud reserves the right to examine the alleged defective product to determine whether the warranty is applicable. Without limiting the generality of the foregoing, Invoice Cloud and the product manufacturer specifically disclaim any liability or warranty for any product resold in other than manufacturer's original packages, and for products modified, altered, repaired, maintained, or treated by Biller, its customers, and/or any third party. Service on a defective product may be obtained by delivering the product during the warranty period as instructed by Invoice Cloud.

b. The following is the repair and replacement policy for a defective product:

Replacement Requests – Biller shall promptly notify Invoice Cloud that the device is not working, via email, phone call or help desk ticket. Invoice Cloud will update and/or open a new help desk ticket for the product swap replacement request. Biller must provide the serial number of the device that is not working.

Replacement device will be shipped to the Biller as noted on the help desk ticket issued by Invoice Cloud.

Shipping Method: Replacement devices will be shipped via a commercial shipping service at no charge to the Biller. If Biller needs the device sent via overnight shipping there is an additional cost of $35.00 per device.

Biller has 14 business days to return a device that is not working to an address specified by Invoice Cloud on the return help desk ticket, delivery or postage pre-paid. Failure to return the non-working device may result in additional fees and charges to Biller.

Invoice Cloud shall use reasonable efforts to provide the encrypted card reader service in an uninterrupted, continuous manner. Biller understands and agrees that services may be periodically off line or otherwise inoperable in order for Invoice Cloud to perform maintenance, install or test software, or for other commercially reasonable business purposes and that during such time card reader service services may not be provided. Biller further understands and agrees that from time to time card reader service services may be off line or otherwise inoperable as a result of the failure of equipment or services provided to the manufacturer by third parties (for example, public or private telecommunications services or internet nodes or facilities, overall Internet congestion, unavailability of internet services, such as DNS services), and that during such time Services may not be provided. Furthermore, Biller understands and agrees that the provisions of any services and other performances hereunder will be excused for any of the reasons set forth herein. In the event of unforeseen network or equipment failure, manufacturer will use commercially reasonable efforts to restore the Services in a reasonability prompt fashion. Manufacturer may from time to time, in its sole discretion, modify the manner in which it provides services, and modify its software and systems, all of which may result in a change in the manner in which manufacturer provides the software and systems provided, however, that such modifications and/or changes do not degrade the level of, or have a material adverse impact upon the features and functionality of the Services.

c. EXCEPT AS PROVIDED IN THIS SECTION 5, INVOICE CLOUD AND THE DEVICE MANUFACTURER MAKE NO OTHER WARRANTY, EXPRESS OR IMPLIED, AND INVOICE CLOUD AND THE DEVICE MANUFACTURER DISCLAIM ANY WARRANTY OF ANY OTHER KIND INCLUDING, WITHOUT LIMITATION, ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. BILLER AGREES AND ACKNOWLEDGES THAT ALL PRODUCTS AND DEVICES ARE OFFERED AND PROVIDED ON AN "AS IS" BASIS.

d. Responsibilities of Biller. Biller is responsible for the following: (i) providing Invoice Cloud with a static IP address or a specific range of static IP addresses, (ii) confidentiality of each End User's Data. Biller is solely responsible for ensuring the secure transmission of any data that Biller transmits to Invoice Cloud ("Biller Transmitted Information"), and Invoice Cloud and the manufacturer will have no liability therefore (provided that the manufacturer will use Biller Information only for purposes of this Agreement). Biller is solely responsible for adopting, implementing, and maintaining appropriate and effective security measures, procedures, policies, and standards and any other best practices available to protect the confidentiality of Biller Data, (iii) protecting the confidentiality of any information stored on Biller's servers, and (iv) using the Services in the manner instructed by Invoice Cloud and the manufacturer and otherwise in the manner intended.

e. Network Security. Biller shall be solely responsible for ensuring that authorized Biller employees and contractors are not security risks. Upon Invoice Cloud's request, Biller will promptly provide Invoice Cloud with any information reasonably necessary for Invoice Cloud to evaluate security issues and/or concerns relating to any authorized Biller employee and/or contractor. Each party will be solely responsible for the selection, implementation, and maintenance of security procedures and policies that are sufficient to ensure that (a) such party's use of any network or internet connection is secure and is used only for authorized purposes, and (b) such party's business records and data are protected against improper access, use, loss, alteration, and/or destruction.

f. Biller shall provide Invoice Cloud with physical access to the devices upon request after reasonable advance notice. Biller shall not, nor allow any Third Party to, modify, repair, replace, relocate, sell, lease, assign, encumber, or otherwise tamper with any of the devices without Invoice Cloud's express written consent. Any change of the location of any device may warrant that Biller pay Invoice Cloud any additional installation and related charges associated with such relocation, charged by Invoice Cloud's third-party vendors. At the end of the term, Biller shall be responsible to promptly return all devices, freight prepaid by Invoice Cloud, to Invoice Cloud at the place from which devices was shipped (or as otherwise designated by Invoice Cloud) in as good condition as exists at the commencement of the term, reasonable wear and tear, and casualty, in respect thereto excepted. Biller shall use each device at all times in a proper, diligent, and workmanlike manner and in such manner as will not damage or injure the device except by the ordinary wear and tear of such device. In the event of damage to any device, Biller shall notify Invoice Cloud who shall replace or repair the device at Biller's expense.

g. Devices and all parts and components thereof shall retain their character as personal property and all right, title and interest in and to shall not pass to Biller or any third party, but title and ownership shall remain exclusively with Invoice Cloud. Biller shall be and shall have the duties of a bailee of the devices. Biller shall not remove, conceal, or otherwise interfere with the title or ownership plate of Invoice Cloud affixed to any device until and unless such device is purchased, and full payment is made as herein provided. If Biller sells, assigns, pledges, or attempts to sell or assign devices or any interest therein, or if Biller defaults in any of the covenants, conditions or provisions of this Agreement, it is agreed that Invoice Cloud may immediately and without notice take possession of the devices where found and remove and keep or dispose of the same and any unpaid fees shall at once become due and payable by Biller. If any step is taken by legal action or otherwise by Invoice Cloud to recover possession of any device(s) or otherwise enforce this Agreement or to collect moneys due hereunder, Biller shall promptly reimburse Invoice Cloud for all expenses and charges incurred by Invoice Cloud, including reasonable attorney's fees.

6. Kiosks (applicable where kiosks that are provided by Invoice Cloud as designated on the Biller Order Form).

Kiosks (as described in the Biller Order Form) are provided to Biller for use by Invoice Cloud under a license fee provided in the Biller Order Form. Invoice Cloud provides to Biller the products (as defined below) on a license basis. Biller will be fully responsible for all kiosks including without limitation all risk of loss and damage to products while in its possession or control, save normal wear and tear.

Where Invoice Cloud provides kiosks, the following additional terms apply (with "Products" and "kiosks" in this Section 6 referring to the kiosks and any firmware and software and applicable documentation included with the kiosks and/or Product, as the same may be upgraded, modified, and enhanced from time to time):

a. License. Invoice Cloud grants to Biller a non-exclusive, non-transferrable, non-sublicensable right to use the Products for its Customers during the term of this Agreement, and subject to the terms hereof. The foregoing right includes, without limitation, the right to install and use the Products for purposes reasonably related to the subject matter of this Agreement, including, but not limited to, testing, and staging of the Products. All rights not specifically granted to Biller hereunder are reserved by Invoice Cloud and the kiosk manufacturer. Any and all intellectual property rights to the Products shall belong solely to Invoice Cloud and the manufacturer. Without limiting the generality of the foregoing, delivered Products shall not be (a) copied, distributed, modified, translated, adapted or altered, in part or in whole, in any way or (b) decompiled, disassembled or reverse engineered

or unbundled from any product nor may Biller seek, in any manner, to discover, disclose or use any source code, proprietary algorithms, techniques or other Confidential Information contained therein. In addition, Biller may not produce, copy, alter, or modify any of the Products or Product packaging or labeling, or combine Products with any other product or services for sale without prior written consent of Invoice Cloud; such consent may be given or withheld in the sole discretion of Invoice Cloud. Biller shall not erase, remove, cover, deface, obscure, or alter any copyright, trademark, or patent notice, guarantee, or other statement or marking, affixed or applied by Invoice Cloud or the manufacturer on or to either the Products or any other technical or promotional material related to the Products.

b. Manufacturer Limited Warranty. Where Invoice Cloud provides kiosks to Biller (as opposed to Biller contracting directly with a third party for the provision of a kiosk), the manufacturer warrants that the Products provided pursuant to this Agreement will materially perform in accordance with the manufacturer's published specifications. Warranty service is detailed in Section 6(d) below. Should the Product fail to conform to manufacturer's specifications, repair parts and replacement Products will be furnished on an exchange basis and will be either reconditioned or new as specified below. This limited warranty does not include service to repair damage to the Product resulting from accident, disaster, unreasonable use, misuse, abuse, the negligence of Biller or any third party, or non-manufacturer modification of the Product. Invoice Cloud and the manufacturer reserve the right to examine the alleged defective Product to determine whether the warranty is applicable. THE PRODUCTS FROM INVOICE CLOUD ARE PROVIDED STRICTLY "AS IS" AND INVOICE CLOUD AND KIOSK.COM SPECIFICALLY DISCLAIM ALL WARRANTIES AND CONDITIONS, WHETHER WRITTEN, ORAL, EXPRESS, IMPLIED, OR STATUTORY, INCLUDING, BUT NOT LIMITED TO, WARRANTIES WITH RESPECT TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, NON-INFRINGEMENT, OR WARRANTIES ARISING FROM USAGE OF TRADE, COURSE OF PERFORMANCE OR DEALING.

c. Term and Effect of Termination. Minimum fee charges as provided in the Biller Order Form shall apply from the earlier of four weeks from date of delivery to Biller of each applicable kiosk or the date that the kiosk is operational. Notwithstanding anything to the contrary in the Biller Agreement, and notwithstanding anything to the contrary in any limitation of liability provision in the Biller Agreement, in the event that the Biller Agreement or other agreement between Invoice Cloud and the Biller permits Biller to terminate the Agreement or any order relating to kiosks for the Biller's convenience, Biller shall pay on the effective date of such termination: (a) all amounts due for the use of and all transaction fees due for use of the kiosks as of the effective date of termination; (b) all amounts that would have been due to Invoice Cloud through the end of the later of the term referenced in the Biller Agreement or the term of the kiosks referenced in the Biller Order Form, notwithstanding the termination, based on the minimum transaction fees on the Biller Order Form times the number of months remaining in the term in the Biller Order Form immediately prior to the effective date of termination, (c) all amounts due from Biller to the manufacturer for services or parts procured, and (d) any committed and non-cancellable amounts for equipment, Products or kiosks, purchased by Invoice Cloud as a result of Biller's order of kiosks.

d. Warranty Service. Service may be obtained as follows under the Advanced Exchange and Field Service Warranty from Kiosk.com:

Advanced Exchange and Field Service Warranty provides a factory parts stocking plan with overnight shipping designed to minimize business disruption. The bundled warranty covers replacement of any failed part or workmanship, as well as the Field Service Technician site visit expense to implement the replacement part swap.

Expectations surrounding the scope of the Kiosk.com Advanced Exchange & Field Service Warranty are as follows:

i. Advanced Exchange & Field Service Description

- **Phone and Warranty Parts Shipment Support.** In the event that there is a warranty or support issue with any Kiosk, please contact Invoice Cloud support. The Exchange Warranty outlined below applies.
- If replacement part and/or Field Service Technician is required, Invoice Cloud (through the manufacturer) arranges for overnight shipment of replacement parts and schedules the Kiosk.com Field Technician Visit to arrive (typically within 24 hours of call receipt).
- Service will be provided pursuant to service level provided in the SLA addendum at www.invoicecloud.net/sla
- No charge for replacement components to the extent warranted hereunder and subject to the terms and conditions herein.
- Kiosk.com covers inbound and outbound shipping costs for failed/replacement parts except as provided herein. The manufacturer provides the Biller with an RMA number and a pre-paid return shipping label with each replacement component. When the Biller receives the replacement, the failed part is then returned with the Kiosk.com pre-paid label.

ii. Exchange Warranty – Out of Scope Items

- The warranty and support commitments include the original kiosk enclosure and all components as shipped from the manufacturer's factory but does not include consigned components, any Biller or customer software application, network connectivity service, custom modifications, or changes made to the system, cleaning, installation, or repositioning of any system.

- Returned parts with No Defect Found (following the manufacturer failure analysis) will be billed back to the Biller. No Defect Found fees include reversal of any component credit, any applicable shipping and handling fees, and an hourly RMA diagnostic fee of $125 / hour.

- The most common source of No Defect Found parts is component maintenance and cleaning neglect in the field. Biller is responsible for keeping each kiosk clean through occasional wiping down with damp cloth, dusting, etc.
- Warranty does not include any customer application software, drivers, or special interface equipment and configuration unless specifically noted in the purchase contract.

- The warranty does not apply to expendable items (i.e., normal wear and tear of external graphics, etc.). Paint damage due to normal wear and tear is not covered under this warranty. Paint damage resulting from manufacturing defects will be covered by this warranty.

- Damage caused by cleaning, neglect, vandalism, physical abuse, or environmental acts of God are not covered under this warranty.

iii. Additional Exchange & Field Service Warranty Terms and Conditions

- Warranty service is guaranteed for 30 days for workmanship after the service is complete.
- Replacement components are not guaranteed to be new components and may come from the manufacturer refurbished and tested stock (at the discretion of the manufacturer).
- The three-year warranty on part defects is not extended if replacement parts are provided in a maintenance action.
- This warranty is voided by misuse, accident, modification, and unsuitable physical or operating environment, improper maintenance by Biller, a Customer or any other third party, or customer's other service organizations, removal or alteration of part identification, or failure caused by a product or component not supplied by Invoice Cloud or manufacturer, or for which Invoice Cloud or the manufacturer is not responsible, or any modifications or changes to components or to the kiosk without Invoice Cloud's written approval.
- Requests for optional Hourly Field Service Technician service calls must be received by 1:00 pm MST, Monday through Friday (except national holidays), to be eligible for the next business day site arrival (24-hour) service metric. Technician request calls received after 1:00 pm MST will be scheduled on the following business day. Field service charge is $175 / hour.
- Biller will provide onsite contacts for each location. Exceptions to fulfillment of onsite service can include holidays or events that prohibit access to the location.
- Keys must be on-site and available prior to the dispatch of a Field Technician.
- Payment of out-of-scope service fees is due upon invoice. Invoice Cloud reserves the right to suspend service and support until delinquent account payments are settled in full. Invoice Cloud and the manufacturer shall use reasonable efforts to provide the kiosks in an uninterrupted, continuous fashion. Biller understands and agrees that services may be periodically off line or otherwise inoperable in order for Invoice Cloud or the manufacturer to perform maintenance, install or test software, or for other commercially reasonable business purposes and that during such time services may not be provided. Biller further understands and agrees that from time to time services may be off line or otherwise inoperable as a result of the failure of products, equipment or services provided to manufacturer by third parties (e.g. public or private telecommunications services or internet nodes or facilities, overall internet congestion, unavailability of internet services, such as DNS services), and that during such time Services may not be provided. Furthermore, Biller understands and agrees that the provisions of services and other performances hereunder will be excused for any of the reasons set forth herein. In the event of unforeseen network or equipment failure, the manufacturer will use commercially reasonable efforts to restore the services in a reasonably prompt fashion. The manufacturer may from time to time, in its sole discretion, modify the manner in which it provides services and modify its software and systems, all of which may result in a change in the manner in which the manufacturer provides the software and systems; provided, however, that such modifications and/or changes will not degrade the level of, or have a material adverse impact upon, the features and functionality of the product or services.

e. Responsibilities of Biller.

1. Biller will be responsible for the following: (i) providing Invoice Cloud with a static IP address or a specific range of static IP addresses, and (ii) confidentiality of End User's Data. Biller is solely responsible for ensuring the secure transmission of any data that Biller transmits to Invoice Cloud ("Biller Transmitted Information"), and Invoice Cloud and manufacturer will have no liability therefore. Biller is solely responsible for adopting, implementing, and maintaining appropriate and effective security measures, procedures, policies, and standards, and any other best practice available to protect the confidentiality of Biller Transmitted Information, (iii) protecting the confidentiality of any information stored on Biller's servers, and (iv) using the Services in the manner instructed by Invoice Cloud and the manufacturer and otherwise in the manner intended.

2. Biller shall be solely responsible for ensuring that Biller's employees and contractors are not security risks. Biller will be solely responsible for the selection, implementation, and maintenance of security procedures and policies that are sufficient to ensure that (a) Biller's use of the Network Connection is secure and is used only for authorized purposes, and (b) Biller's business records and data are protected against improper access, use, loss, alteration or destruction.

3. Biller shall provide Invoice Cloud or the manufacturer with physical access to the kiosks upon request after reasonable advance notice. Biller shall not, nor allow any third party to, modify, repair, relocate, sell, lease, assign, encumber, or otherwise tamper with any of the kiosks without Invoice Cloud's or the manufacturer's express written consent. Any change of the location of the kiosks may warrant that Biller pay Invoice Cloud any additional installation and related charges associated with such relocation, charged by Invoice Cloud's third-party vendors. At the end of the term, Biller shall be responsible to de-install all kiosks, return all kiosks, freight prepaid by Biller, to Invoice Cloud at the place from which kiosks was shipped (or as otherwise designated by Invoice Cloud) in as good condition as exists at the commencement of the term, reasonable wear and tear, excepted. Biller shall use and ensure that the kiosks are at all times used in a workmanlike manner and in such manner as will not damage or injure the kiosks except by the ordinary wear and tear of such kiosks. In the event of damage to any kiosks, Biller shall promptly notify Invoice Cloud who shall replace or repair the kiosks at Biller's expense.

f. Personal Property of Invoice Cloud**.** Kiosks and all parts and components thereof shall retain its character as personal property and all right, title and interest thereto shall not pass to Biller, but title and ownership shall remain exclusively with Invoice Cloud. Biller shall be and shall have the duties of a bailee of the kiosks. Biller shall not remove, conceal or otherwise interfere with the title or ownership plate of Invoice Cloud affixed to kiosks. If Biller sells, assigns or attempts to sell or assign kiosks or any interest therein, or if Biller defaults in any of the covenants, conditions or provisions of this Agreement, it is agreed that Invoice Cloud may immediately and without notice take possession of kiosks where found and remove and keep or dispose of the same and any unpaid fees including all fees as provided herein and in the Biller Order Form will be due and payable. If any step is taken by legal action or otherwise by Invoice Cloud to recover possession of kiosks or otherwise enforce this Agreement or to collect moneys due hereunder, Biller shall pay Invoice Cloud the equivalent of the moneys expended or charges incurred by Invoice Cloud in such behalf, including reasonable attorney's fees.

7. Interactive Voice Response Functionality and Outbound Communications ("IVR")

a. **License**. For and in consideration for the payment of all fees and charges paid to Invoice Cloud, as provided in the Biller Order Form, Invoice Cloud hereby licenses to Biller, non-exclusive access to its proprietary IVR for Biller's internal use only.

b. **Indemnification**. Biller agrees it will not use the IVR in any manner, shape or form that violates any local, state or federal law or regulation (including without limitation violations of Fair Debt Collection Practices Act, 15 U.S.C. § 1692 –1692p) and will defend and hold Invoice Cloud and its licensor harmless from and against any and all claims and will indemnify Invoice Cloud and its licensor against any and all costs, fines, penalties, causes

of action, allegations, suits, and claims, including reasonable attorney's fees and expenses as a result of any act by Biller. Likewise, Invoice Cloud agrees it will not use the design or establish service in any manner, shape or form that results in an intellectual property rights infringement claim by any third party and will hold Biller harmless from any and all claims and will indemnify Biller from and against any and all costs and claims, including reasonable attorney's fees as a result of any third party intellectual property rights infringement claim against Invoice Cloud or its licensor.

c. **Legal Compliance**. Biller shall comply with all applicable laws, regulations, or other requirements of any governmental authority which relate to or affect this Agreement and the Biller's performance hereunder. Notwithstanding anything to the contrary in the Biller Agreement and these terms and conditions or other agreement between the parties, Biller shall be responsible for compliance with all applicable laws and regulations related to the call flows, content, prompts, and data flows and the Biller's benefits and uses of the IVR, and the instructions and directions in the use of the IVR that it has provided. Although neither Invoice Cloud nor its licensor provides legal advice to Biller, Biller understands and acknowledges and shall comply with all laws, rules, and regulations regarding do not call lists, legal calling times, and dialing cellular numbers, and shall abide by all applicable laws, rules, and regulations while implementing or using IVR.

d. **No Warranty**. NEITHER INVOICE CLOUD NOR ITS LICENSOR MAKES ANY WARRANTY OR ANY REPRESENTATION, EXPRESS OR IMPLIED WRITTEN OR ORAL, RELATING TO THE IVR UNDER THIS AGREEMENT OR OTHERWISE INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTY THAT THE SERVICES ARE FIT FOR ANY PARTICULAR PURPOSES OR OF MERCHANTABILITY, AS THE IVR IS PROVIDED "AS IS". BILLER AGREES THAT NEITHER INVOICE CLOUD NOR LICENSOR WARRANTS THE IVR OR ITS SERVICES WILL BE ERROR FREE OR OPERATED UNINTERRUPTED, AND THAT NEITHER INVOICE CLOUD NOR LICENSOR WILL BE HELD RESPONSIBLE IN ANY MANNER, SHAPE OR FORM FOR ANY FAILURE OF THE IVR OR ITS SERVICES TO PERFORM ANY PARTICULAR FUNCTION. In the event of a breach of this warranty by Invoice Cloud or any licensor, Invoice Cloud will use reasonable efforts to attempt to resume provision of the IVR. Biller acknowledges IVR or its services is provided through telephone and electronic devices and shall not hold Invoice Cloud or any licensor responsible for any failure due to technical or electronic failures. Further, neither Invoice Cloud nor licensor is responsible for any poor result as a result of judgments and choices made by Biller in using any IVR service.

8. Incorporation by Reference into Agreement, Modification. These Biller Terms and Conditions are incorporated by reference into the Agreement and may be modified by Invoice Cloud as a result of changes in applicable law, regulatory requirements, PCI-DSS requirements, card network rules, ACH requirements or card association or payment processor requirements.

9. California Consumer Privacy Act of 2018

All capitalized terms used in this Section 9, not otherwise defined, shall have the meaning established in the California Consumer Privacy Act of 2018, as amended (Cal. Civ. Code §§1798.100 to 1798.199), and any related regulations or guidance provided by the California Attorney General ("CCPA"). Regardless of Biller's status as a Business, Invoice Cloud is a "Service Provider" pursuant to CCPA. Invoice Cloud's obligations as a Service Provider include:

a. Invoice Cloud will not Sell Personal Information.
b. Invoice Cloud will not retain, use, or disclose Personal Information for any purpose other than for the specific purpose of providing the Service, as set out in the Agreement, or as otherwise permitted by CCPA.
c. Invoice Cloud will not retain, use, or disclose Personal Information for any commercial purpose other than providing the Service.
d. Invoice Cloud shall provide reasonable assistance to Biller in facilitating compliance with Consumer rights requests.
e. Upon direction by Biller, and with a commercially reasonable amount of time, Invoice Cloud shall delete the Personal Information.
f. Invoice Cloud shall not be required to delete any of the Personal Information to comply with a Consumer's request directed by the Biller if it is necessary to maintain such information in accordance with Cal. Civ. Code §1798.105(d). Invoice Cloud shall promptly inform Biller of the exceptions relied upon under §1798.105(d) and Invoice Cloud shall not use the Personal Information retained for any other purpose than provided for by the exception or as otherwise permitted by CCPA.
g. Invoice Cloud certifies it understands the prohibitions in this Section 9 and will comply with them.
h. If Invoice Cloud, in its sole discretion, uses a Service Provider to provide the Service, Invoice Cloud will enter into written agreements with such Service Providers requiring the Service Provider abide by terms substantially similar to this Section 9.

EXHIBIT D

SaaS Agreement Terms and Conditions

1. Definitions. The definitions set forth in this Section 1 apply solely to this Exhibit C and shall not amend, modify, or supersede any definition of the same term in the Agreement. Any capitalized term used but not defined in this Exhibit C has the meaning given to such term in the Agreement. In the event of any conflict between a definition in this Exhibit C and the definition of the same term in the Agreement, the definition in the Agreement shall control.
   1.1. SaaS, as used in this Agreement, means Software-as-a-Service (SaaS) is defined as the capability provided to the consumer to use the provider's applications running on a cloud infrastructure.
   1.2. Biller Data means all non-public data, content, and information provided by the Biller to the Invoice Cloud under this Agreement.
   1.3. Personal Data means any information provided to Invoice Cloud by the Biller related to an identifiable individual that is subject to privacy and data protection laws. Some Personal Data may be included in the subset of the definition of Customer Data as that term is defined in the Terms and Conditions above. Invoice Cloud shall follow the requirements regarding Personal Data as outlined here in addition to any protections of Customer Data provide for in Section 4 of the Biller Agreement.
   1.4. "Security Incident" means an event that is known to have resulted in the unauthorized access to, or unauthorized use, transmission, or disclosure of Customer Data, including but not limited to personally identifying information, personal healthcare information, or any other sensitive information protected under state or federal law, where such unauthorized access, use, transmission or disclosure occurs within Invoice Cloud's systems and is due to Invoice Cloud's failure to maintain appropriate security measures, safeguards, or controls.
2. Ownership of Data
   2.1. The Biller retains ownership of all right, title, and interest in and to its data.
   2.2. Invoice Cloud shall not access or use Personal Data except as required to perform obligations under this Agreement, or as otherwise provided in the Agreement.
3. Data Protection
   3.1. Invoice Cloud shall implement and maintain industry-standard security measures to protect the confidentiality, integrity, and availability of Personal Data.
4. Data Location
   4.1. Biller Data must be stored primarily in data centers located within the United States.
5. Security Incident Notification
   5.1. Invoice Cloud shall notify the Biller without undue delay, and in any event within seventy-two (72) hours, of any confirmed Security Incident.
6. Breach Responsibilities
   6.1. As between Biller and Invoice Cloud, Invoice Cloud is responsible for a Security Incident, subject to the terms of the Biller Agreement, including without limitation Section 12 ("Limitation of Liability"). Notwithstanding the foregoing, Invoice Cloud remains responsible for its obligations and liabilities arising from a Security Incident to the extent required by applicable law.
7. Legal Requests
   7.1. Invoice Cloud shall notify the Biller upon receipt of any legal request that may require access to Biller Data, when legally permissible.
8. Termination of Service
   8.1. In the event this Agreement is terminated, Invoice Cloud will make available to Biller a file of the Customer Data (to the extent that Invoice Cloud is permitted to provide pursuant to

applicable law and PCI-DSS standards), within 30 days of termination of this Agreement (or at a later time if required by applicable law), if Biller so requests at the time of termination. Invoice Cloud will retain Customer Data for a period from its creation for the time frame that is listed in the Biller Order under "Data Retention", and reserves the right to remove and/or delete remaining Customer Data using NIST-approved methods no less than 60 days after termination or expiration except as prohibited by applicable law or in the event of exigent circumstances.

9. Compliance
   9.1. Invoice Cloud agrees to undergo regular third-party assessments and maintain internal controls aligned with industry security standards.
10. Business Continuity
   10.1. Invoice Cloud shall maintain a Business Continuity and Disaster Recovery Plan.
11. Minimum Security Requirements

   11.1. Encryption Standards:
   Invoice Cloud shall encrypt all data at rest and in transit using commercially reasonable methods, but in no event less than those requirements set forth in PCI-DSS. The encryption methods used must have security levels designed to ensure the confidentiality and integrity of Biller Data.

   11.2. Access Controls:
   Invoice Cloud shall only provide access to Biller Data to those employees and third parties that have a need to have such access in accordance with the Agreement.

   11.3. Security Monitoring:
   Invoice Cloud shall maintain continuous security monitoring of its infrastructure and services.

EXHIBIT E

BILLER ORDER FORM

InvoiceCloud™

Biller Order Form

SALES INFORMATION			
IC Sales Rep	Patty Melton	Vertical	County Tax
Order Date	11/3/2025	Billing Software	Megabyte Systems

BILLER INFORMATION					
Ownership Type	Government	Phone	(530) 527-5826	Fax	
Legal Name	County of Tehama	Website URL	http://co.tehama.ca.us/		
Address 1	444 Oak Street	Bus. Open Date	04/09/1856		
Address 2		Federal Tax ID			
City	Red Bluff	*Federal Tax ID and Legal Name must match on all documents			
State	CA ZIP 96080				

BILLER CONTACT	
Primary Contact Name	Parker Hunt
Phone	(530) 527-4535
Email Address	phunt@tehama.gov

SIGNING AUTHORITY					
Name	Parker Hunt			Title	Treasurer-Tax Collector
Phone	(530) 527-4535	Fax		Email Address	phunt@tehama.gov

BILLER BANK ACCOUNT (FOR INVOICE CLOUD AND NETWORK FEES, AND AS PROVIDED IN THE BILLER AGREEMENT)			
Note: Must include voided business check or bank letter for each unique account			
Billing Method	Direct Debit		
Routing #		Last 4 Acct #	

PAYMENT METHODS ACCEPTED	
Payment Methods	[American Express] [VISA/Mastercard/Discover] [PayPal] [ACH/EFT]

BILLER PRICING (see Invoice Type Parameter Sheet(s) for invoice-type-specific pricing)*

Description	Interval	Cost Type	Cost
Biller Portal Access Fee	Monthly	Fixed ($)	$0.00
Credit Card - Chargeback Fee Submitter	Per Transaction	Fixed ($)	$10.00
EFT - ACH Reject Fee Submitter	Per Transaction	Fixed ($)	$10.00
PayPal Brands - Chargeback Fee (PayPal Brands)	Per Transaction	Fixed ($)	$10.00

HARDWARE						
Card Reader Type	EMV	Quantity	4	Cost per Reader	$0.00	
Card Reader	PAX A80			Billing Interval	Monthly	
Shipping Address (if different than location address)						

DATA RETENTION		
Months to Keep	84	*Additional Fees apply if greater than 24 months

IMPLEMENTATION CHARGES			
Description	**Interval**	**Cost**	
Implementation (per SOW)	One-Time	$0.00 *(WAIVED)*	

NOTES/SPECIAL HANDLING

[signature page follows]

CERTIFICATION AND AGREEMENT

A. By signing below, the Biller hereby ratifies its authorization for Invoice Cloud, Inc. ("Invoice Cloud") to execute debit/credit entries to the Biller Bank Account(s) indicated above at the depository financial institution(s) named above and to debit/credit the same such account(s). The Biller acknowledges that the origination of ACH transactions to its account(s) must comply with the provisions of U.S. law. This authority is to remain in full force and effect until (i) Invoice Cloud has received written notification (by electronic or U.S. mail) from the Biller of its revocation in such time and manner as to allow Invoice Cloud a reasonable opportunity to act on it, but not less than 10 business days notice; and (ii) all obligations of the Biller to Invoice Cloud that have arisen under this Agreement and all other agreements have been paid in full. The Biller must also notify Invoice Cloud, in writing, (by electronic or U.S. mail) when a change in Biller Bank Account account number(s) or bank has occurred at which time this authorization shall apply to such new/changed Biller Bank Account. This notification must be received no less than 10 business days in advance of any change. A fee will be charged for any returned or rejected ACH debits.

B. By signing below, the Biller named: (1) has read, agreed to, ratifies the Biller Agreement, Biller T+Cs (referenced in the Biller Agreement) and other Order Forms previously executed by the Biller, and (2) certifies to Invoice Cloud that he/she is authorized to sign this Order Form; (3) certifies that all information and documents submitted in connection with this Order Form are true and complete; (4) authorizes Invoice Cloud or its agent to verify any of the information given, including credit references, and to obtain credit reports ; (5) agrees to pay the Monthly Access Fee through the last day of the month following the effective date of termination as provided in the Billing Agreement; (6) agrees that Biller and each transaction submitted will continue to be bound by the Order Form and the Biller Agreement in its entirety and any new agreement forms executed herewith; (7) agrees that Biller will submit transactions only in accordance with the information in this Biller Order Form and Biller Agreement and will immediately inform Invoice Cloud, by email (contracts@invoicecloud.com) if any information in this Order Form changes, and (8) In the event of non-payment of any sums due, Invoice Cloud reserves the right to withdraw such sums from the Biller Bank Account at any time to ensure payment of the same.

C. Pay by Text: Standard data rates and text messaging rates may apply based on the payer's plan with their mobile phone carrier. Payer can opt out of text messaging at any time with Invoice Cloud. Partial payment or overpayment is not supported. Biller may not use the service for activities that violate any law, statute, ordinance or regulation.

D. This Biller Order Form will become effective only when signed by Invoice Cloud.

In WITNESS WHEREOF, the parties have executed this Agreement as of this day

Accepted by Biller:	Accepted by Invoice Cloud, Inc.:
X	X Kevin W. O'Brien
Corporate Officer/Authorized Official	Corporate Officer
Parker Hunt	Kevin W. O'Brien
Printed Name	Printed Name
Treasurer-Tax Collector	CEO
Title	Title

BILLER ORDER FORM
INVOICE TYPE PARAMETER SHEET
Invoice Type Parameters must be completed for each invoice type

Invoice Type	Property tax	Pricing Model	Submitter	
		Biller Pays Network Fees	No	

CURRENT BILLING DETAILS

Please indicate how many bills are sent monthly by placing the bill count for each month below:

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
0	0	0	0	0	0	0	0	0	40068	0	0

Avg CC Transaction $	752.00	Max Invoice $	125,000.00	Bill Frequency	Annually	Avg. Bills Per Month	3339

PRODUCTS AND SERVICES

Products and Services	[EBPP] [IVR] [Point of Sale]

TRANSACTIONAL PRICING (Paid by Biller)

Payment Source Description	Payment Method	Fee Rate %	Fee Amount $	Additional Fee $
TRANSACTIONAL PRICING EXCEPTIONS				

SERVICE FEES (Paid by Payer)

Payment Source Description	Payment Method	Fee Amount	Calculation Type	Min. Fee ($) per Transaction
All Payment Sources	Credit/Debit/PayPal	2.45 %	Percent (%)	$2.95
All Payment Sources	ACH/EFT	$4.95	Fixed ($)	
IVR Surcharge	All Payment Methods	$1.95	Fixed ($)	
SERVICE FEE EXCEPTIONS				
Auto Pay	ACH/EFT	$0.00	Fixed ($)	

MAX PAYMENT CAP

Card and PayPal Max ($)	125,000	ACH Max ($)	125,000	

BILLER BANK ACCOUNT (FOR DEPOSITS AND CHARGEBACKS)

Note: must include voided business check or bank letter for each unique account

Routing #		Last 4 Acct #		Last 4 Acct # for OBD	

NOTES / SPECIAL HANDLING

Additional Invoice Types include:
Supplemental Secured
Current Secured
Delinquent Secured

Supplemental Unsecured
Current Unsecured
Delinquent Unsecured
TOT-Tourist Tax
All invoice types have the same pricing, products and banking as Property Tax
ACH Autopay is $0.00

Resolution No. 2022-29

A RESOLUTION OF THE TEHAMA COUNTY BOARD OF SUPERVISORS APPROVING ACCEPTANCE OF PAYMENTS BY CREDIT CARD. DEBIT CARD, OR ELECTRONIF FUND TRANSFERS

WHEREAS, Government Code Section 6159 permits a county to authorize the acceptance of a credit card, debit card, or electronic funds transfer for payment of fees, charges, and taxes due to, or services rendered by the county if approved by the board of supervisors for the county;

WHEREAS, after this approval any department desiring to enter into a contract for accepting payment in these manners must still comply with Tehama County Code 4.24.095 and 4.24.100 pertaining to the upper limit of contract approval authority of the purchasing agent;

WHEREAS, pursuant to Section 6159, all contracts for accepting payment in these manners must contain terms addressing the following:

(1) The respective rights and duties of the county and card issuer, funds processor, or draft purchaser regarding the presentment, acceptability, and payment of credit and debit card drafts and electronic funds transfer requests; and
(2) The establishment of a reasonable means by which to facilitate payment settlements; and
(3) The payment to the card issuer, funds processor, or draft purchaser of a reasonable fee or discount; and
(4) Any other matters appropriately included in contracts with respect to the purchase of credit and debit card drafts and processing of electronic funds transfer requests as may be agreed upon by the parties to the contract; and

WHEREAS, The County Treasurer/Tax Collector holds the duty to receive and keep safely all money belonging to the county and all other money directed by law to be paid.

NOW, THEREFORE, BE IT RESOLVED that the Board of Supervisors of the County of Tehama hereby:

Approves and authorizes the County to collect payments for fees, charges, and taxes due to the County and for services rendered by the County by way of credit card, debit card, or electronic fund transfers pursuant to Government Code Section 6159; and

That before any contract is entered into with a credit card issuer, debit card issuer, electronic funds transfer processor or draft purchaser, the contract shall be reviewed and approved by the Tehama County Treasurer/Tax Collector and approved as to form by the Tehama County Office of County Counsel.

The foregoing resolution was adopted by the Tehama County Board of Supervisors this 29th day of March, 2022.

The foregoing resolution was offered on a motion by Supervisor WILLIAMS, seconded by Supervisor LEACH, and adopted by the following vote of the Board:

AYES: MOULE. LEACH, GARTON, WILLIAMS, CARLSON.
NOES: NONE.
ABSENT OR NOT VOTING: NONE.

STATE OF CALIFORNIA)
COUNTY OF TEHAMA)

I, Jennifer Vise, County Clerk and ex-officio Clerk of the Board of Supervisors of the County of Tehama, State of California, hereby certify the above and foregoing to be a full, true and correct copy of the resolution adopted by the Board of Supervisors on this 29th day of March 2022.

Dated the 30 day of March 2022

JENNIFER VISE, County Clerk
And ex-officio Clerk of the Board of
Supervisors, County of Tehama,
State of California

By Rachael Walts
Deputy

E-Contract Review
Approval as to Form

Department Name: Tehama County Treasurer-Tax Collector

Vendor Name: Invoice Cloud, Inc.

Document Description: Agreement for electronic bill presentment and payment services

APPROVED AS TO FORM:

Date: 11/13/25

Office of the Tehama County Counsel
Daniel B. Klausner, Senior Deputy County Counsel

Tehama County

Agenda Request Form

File #: 25-2052 **Agenda Date:** 12/16/2025 **Agenda #:** 17.

ADMINISTRATION - Administrative Services Director Tom Provine

Requested Action(s)
a) CHANGE ORDER - Request confirmation of Change Order No. 4 to the agreement with D.H. Slater & Son, Inc. (Misc. Agree. #2023-298) for the Tehama County Re-Entry Facility, thereby allowing for changes as listed, for a contract increase in the amount of $12,720.65

b) CHANGE ORDER - Request confirmation of Change Order No. 5 to the agreement with D.H. Slater & Son, Inc. (Misc. Agree. #2023-298) for the Tehama County Re-Entry Facility, thereby allowing for changes as listed, for a contract increase in the amount of $29,532.56

c) CHANGE ORDER - Request confirmation of Change Order No. 6 to the agreement with D.H. Slater & Son, Inc. (Misc. Agree. #2023-298) for the Tehama County Re-Entry Facility, thereby allowing for changes as listed, for a contract increase in the amount of $95,507.53

d) CHANGE ORDER - Request confirmation of Change Order No. 7 to the agreement with D.H. Slater & Son, Inc. (Misc. Agree. #2023-298) for the Tehama County Re-Entry Facility, thereby allowing for changes as listed, for a contract increase in the amount of $466,386.20

Financial Impact:
The cost of these change orders is included in the project budget.

Background Information:
Construction of the Jail Re-Entry Facility began in December 2024; during the course of the construction project and as work has progressed, several scope adjustments have been identified to address field conditions, coordinate with existing utilities/systems, and maintain progress in critical areas of the project. These adjustments require formal Change Orders to document the revised work scope. The change orders are as follows:

- Change Orders 4 and 5 - Add drainage work, electrical work for the south gate, additional shoring capacity kitchen curbs, adding TV mounts to dayrooms, and other minor changes.

- Change Order 6 - Modifications to laundry venting reconfiguration, lighting fixture mounting detail change to improve serviceability and safety, add sealed concrete at dayrooms at Sheriff's Office request and remove carpet installation, add steel concrete reinforcement and other minor changes.

- Change Order 7- PG&E relocation work, delete area drain and add sidewalk in lieu, fencing and gate changes per the Sheriff's Office request, PG&E underground vault demo, water main line modification/reinstallation due to PG&E vault conflicts all of which have been determined to be in the County's best interest.

Details of the changes are included in the attached change order forms.

Some of the adjustments that were of significant increase to the project were made in response to facility operation needs expressed by jail staff. While these revisions introduced meaningful updates to the original scope, they were incorporated thoughtfully and with careful attention to costs. As a result, even with the additions reflected in Change Orders 6 and 7, the project continues to remain within the approved budget.

On September 12, 2023, the Board authorized $1,033,335 in change order authority. With these changes it brings it to $635,535.27, which is only 3% of our total project budget.

The net change of these items is an increase in overall cost of $604,146.94, and nothing is outside the range of ordinary change orders or outside the project budget's contingency. All proposed changes will be completed within the existing approved project budget.

CONTRACT CHANGE ORDER NO. 4
PROJECT: TEHAMA COUNTY REENTRY FACILITY

Contract Change Order Form

CONTRACT CHANGE ORDER NO. 4

D. H. Slater & Son Inc. You are hereby directed to make the herein-described changes from the plans and specifications, or do the following described work in accordance with applicable provisions of the Contract Documents. Work described herein shall include furnishing of all materials, equipment, labor and services necessary for its completion.

This Change Order constitutes a full accord and satisfaction as to claims for all additional costs and/or extensions of the contract time relating to the portion of the work described under the term "ITEM." The execution of this Change Order is a waiver of any rights or claims by the Contractor to any additional compensation for the work or extensions of the contract time for that work.

ITEM:	PCO #17.0 – Added drying rack capacity	ADD $3,734.45
	PCO #19.0 – Add Site drainage at covered walkway	ADD $5,322.49
	PCO #20.1 - Site Drainage changes per ASI 17.1	DEDUCT ($816.14)
	PCO #21.0 – Add Power to south gate	ADD $4,479.85

The above changes result in the following adjustments to the Contract Price: Net Addition $12,720.65

Contract Time is increased 0 calendar days by this Change Order.

Continued next page . . .

CONTRACT CHANGE ORDER NO. 4
PROJECT: TEHAMA COUNTY REENTRY FACILITY

I, the undersigned Contractor, have given careful consideration to the change proposed and hereby agree to do the work above specified and will accept as full payment therefore the prices shown above.

By _____
CONTRACTOR

By Project Manager
Title

Date 9/18/2024

Date _____

SUBMITTED BY:

_____
ARCHITECT

RECOMMENDED FOR APPROVAL:

By _____
PROJECT MANAGER

Date 9/27/2024

APPROVED BY:

COUNTY APPROVAL:

By _____
CHIEF ADMINISTRATOR

Date 12/5/24.

CONTRACT CHANGE ORDER NO. 4
PROJECT: TEHAMA COUNTY REENTRY FACILITY

PCO #	REF.	DESCRIPTION	GRANT ELIGIBLE	DAYS	AMOUNT
17.0	RFI 16.1	Requested by: County – Added kitchen drying rack. New Age Model No. 96704. Tray Drying Rack, mobile, 3 tray levels. Reason: Sheriff's Dept. Request	YES	0	$3,734.45
19.0	RFI 30.0	Add site drainage under the covered walkway. Reason: Drainage under covered walkway not included in contract scope of work.	YES	0	5,322.49
20.1	ASI 17.0 & 17.1	Site Drainage changes per ASI 17.1. Reduced scope of work. Reason: Redesign storm drainage due to unforeseen conditions and City of Red Bluff requirements.	YES	0	$(816.14)
21.0	RFI 32 ASI-19.0	Requested by: County – Add electric power to south gate Reason: Power supply to motorized gate not included in contract scope of work.	YES	0	$4,479.85
		TOTAL CHANGE ORDER		0	**$12,720.65**

The original Contract Sum	$20,666,700.00
Net Change by previously authorized Change Orders	$31,388.23
The Contract Sum prior to this Change Order	$20,698,088.23
The Contract Sum will be increased/decreased by this Change Order in the amount of	$12,720.65
The New Contract Sum including this Change Order will be	$20,710,808.88
The Contract Time will be extended	(0) Calendar days
Revised Contract Completion Date	September 7, 2025

Contract Change Order Form

CONTRACT CHANGE ORDER NO. 5

D. H. Slater & Son Inc. You are hereby directed to make the herein-described changes from the plans and specifications, or do the following described work in accordance with applicable provisions of the Contract Documents. Work described herein shall include furnishing of all materials, equipment, labor and services necessary for its completion.

This Change Order constitutes a full accord and satisfaction as to claims for all additional costs and/or extensions of the contract time relating to the portion of the work described under the term "ITEM." The execution of this Change Order is a waiver of any rights or claims by the Contractor to any additional compensation for the work or extensions of the contract time for that work.

ITEM:	PCO #23.0 – Additional Shoring capacity	ADD $9,411.60
	PCO #28.0 – Add Kitchen Curbs	ADD $4,495.81
	PCO #29.0 - Add Dayroom TV Mounts	ADD $2,625.15
	PCO #32.1 – Add Soffit Framing per (ASI 10.1)	ADD $13,000.00
	PCO 33.0 – Adverse weather impact to the safety of planned work (10 calendar day time extension)	

The above changes result in the following adjustments to the Contract Price: Net Addition $29,532.56

Contract Time is increased 10 calendar days by this Change Order.

Continued next page . . .

CONTRACT CHANGE ORDER NO. 5
PROJECT: TEHAMA COUNTY REENTRY FACILITY

I, the undersigned Contractor, have given careful consideration to the change proposed and hereby agree to do the work above specified and will accept as full payment therefore the prices shown above.

By _____
CONTRACTOR

By Joel Heckmann, Project Manager
Title

Date 3/6/2025

Date _____

SUBMITTED BY:

_____
ARCHITECT

RECOMMENDED FOR APPROVAL:

By _____
PROJECT MANAGER

Date 12/8/25

APPROVED BY:

COUNTY APPROVAL:

By _____
CHIEF ADMINISTRATOR

Date 12/9/25

CONTRACT CHANGE ORDER NO. _5_
PROJECT: TEHAMA COUNTY REENTRY FACILITY

PCO #	REF.	DESCRIPTION	GRANT ELIGIBLE	DAYS	AMOUNT
23.0	Sub 62	Added and extra row of shoring for elevated decking Reason: Engineer's response to Submittal #62.	YES	0	$ 9,411.60
28.0	ASI 22.0	Add kitchen curbs as directed per ASI 22.0 Reason: Added concrete curbs in kitchen at wall locations in wet areas to improve the durability and longevity of the construction.	YES	0	$ 4,495.81
29.0	RFI 73, 77	Add TV Mounting Brackets Reason: Add to contractor's scope so that installation backing is coordinated with the wall construction.	YES	0	$ 2,625.15
32.1		Add light gauge metal soffit framing. Reason: Add LG metal framing where not indicated on architectural plan sheets.	YES	0	$13,000.00
33.0		Time extension of 10-Calendar Days. Reason: Adverse weather impacted the safety of operations placing structural steel with a crane in the vicinity of other trade workers. Steel work had to be postponed until other trades were clear of the area due to the unfavorable weather conditions.	N/A	10	$0.00
		TOTAL CHANGE ORDER		0	**$29,532.56**

The original Contract Sum	$20,666,700.00
Net Change by previously authorized Change Orders	$44,108.88
The Contract Sum prior to this Change Order	$20,710,808.88
The Contract Sum will be increased/decreased by this Change Order in the amount of	$29,532.56
The New Contract Sum including this Change Order will be	$20,740,341.44
The Contract Time will be extended	(10) Calendar days
Revised Contract Completion Date	September 17, 2025

CONTRACT CHANGE ORDER NO. 6
PROJECT: TEHAMA COUNTY REENTRY FACILITY

Contract Change Order Form

CONTRACT CHANGE ORDER NO. 6

D. H. Slater & Son Inc. You are hereby directed to make the herein-described changes from the plans and specifications, or do the following described work in accordance with applicable provisions of the Contract Documents. Work described herein shall include furnishing of all materials, equipment, labor and services necessary for its completion.

This Change Order constitutes a full accord and satisfaction as to claims for all additional costs and/or extensions of the contract time relating to the portion of the work described under the term "ITEM." The execution of this Change Order is a waiver of any rights or claims by the Contractor to any additional compensation for the work or extensions of the contract time for that work.

ITEM: PCO #31.1 – Laundry venting reconfiguration ADD $9,300.52

PCO #34.0 – Lighting fixture mounting detail changes to improve serviceability and safety.

PCO #35.0 – Add Reflective Window Film at Designated Locations (ASI 26.0) ADD $7,873.11

PCO #36.0 – Add structural support and mounting curb to install the refrigeration unit on the roof per RFI 49.0. ADD $5,359.90

PCO #38.1 – Add HVAC security grilles per RFI #99 using attachment per RFI #112. ADD $5,557.08

PCO #40.0 – Add parapet and other flashings for roofing per ASI 27.0. ADD $9,675.05

PCO #44.0 – Add sealed concrete at dayrooms 201 & 501 per Sheriff's Office request and remove carpet installation. ADD $3,578.30

PCO #46.0 – Add steel concrete reinforcement per RFI 119.0 response. ADD $11,768.93

PCO #47.0 - Added insulation at Furred Walls per RFI 128.1 ADD $4,455.00

The above changes result in the following adjustments to the Contract Price: Net Addition $95,507.53

Contract Time is increased 14 calendar days by this Change Order.

Continued next page . . .

CONTRACT CHANGE ORDER NO. 6
PROJECT: TEHAMA COUNTY REENTRY FACILITY

I, the undersigned Contractor, have given careful consideration to the change proposed and hereby agree to do the work above specified and will accept as full payment therefore the prices shown above.

By _____
CONTRACTOR

By Project Manager
Title

Date 8/19/2025

Date _____

SUBMITTED BY:

_____
ARCHITECT

RECOMMENDED FOR APPROVAL:

By _____
PROJECT MANAGER

Date 12/8/25

APPROVED BY:

COUNTY APPROVAL:

By _____
CHIEF ADMINISTRATOR

Date 12/15/25.

CONTRACT CHANGE ORDER NO. _6_
PROJECT: TEHAMA COUNTY REENTRY FACILITY

PCO #	REF.	DESCRIPTION	GRANT ELIGIBLE	DAYS	AMOUNT
31.1	ASI-20.0	Laundry venting reconfiguration	YES	0	$ 9,300.52
34.0	ASI-25.0	Lighting fixture mounting detail changes to improve serviceability and safety.	YES	0	37,939.64
35.0	ASI-26.0	Add Reflective Window Film at Designated Locations	YES	0	7,873.11
36.0	RFI-49.0	Add structural support and mounting curb to install the refrigeration unit on the roof	YES	0	5,359.90
38.1	RFI's 99.0 & 112.0	Add security grilles per RFI #99 using alternate attachment.	YES	0	5,557.08
40.0	ASI-27.0	Add parapet and other flashings for roofing.	YES	0	9,675.05
44.0		Add sealed concrete at dayrooms 201 & 501 per Sheriff's Office request and remove carpet installation.	YES	0	3,578.30
46.0	RFI-119.0	Add steel concrete reinforcement at on-site concrete.	YES	0	11,768.93
47.0	RFI 128.1	Added insulation at Furred Walls per RFI 128.1	YES	0	4,455.00
		Delays to commencement of fireproofing installation due to causes beyond the control of both the owner and contractor,	N/A	14	0.00
		TOTAL CHANGE ORDER		0	**$95,507.53**

The original Contract Sum	$20,666,700.00
Net Change by previously authorized Change Orders	$73,641.44
The Contract Sum prior to this Change Order	$20,740,341.44
The Contract Sum will be increased/decreased by this Change Order in the amount of	$95,507.53
The New Contract Sum including this Change Order will be	$20,835,848.97
The Contract Time will be extended	(14) Calendar days
Revised Contract Completion Date	October 01, 2025

CONTRACT CHANGE ORDER NO. 7
PROJECT: TEHAMA COUNTY REENTRY FACILITY

Contract Change Order Form

CONTRACT CHANGE ORDER NO. 7

D. H. Slater & Son Inc. You are hereby directed to make the herein-described changes from the plans and specifications, or do the following described work in accordance with applicable provisions of the Contract Documents. Work described herein shall include furnishing of all materials, equipment, labor and services necessary for its completion.

This Change Order constitutes a full accord and satisfaction as to claims for all additional costs and/or extensions of the contract time relating to the portion of the work described under the term "ITEM." The execution of this Change Order is a waiver of any rights or claims by the Contractor to any additional compensation for the work or extensions of the contract time for that work.

ITEM:	PCO #37.1 –Delete Area Drain (RFI #93); Add sidewalk in lieu of SD 17	ADD $2,006.02
	PCO #49.0 – PCO 49.0 - PGE Relocation Work (ASI 23)	ADD $70,984.07
	PCO #50.0 – Grease Duct: change out the originally scheduled KEF-2 to a UL Listed Upblast Exhaust fan for a Class 1 Kitchen Hood and change the exhaust duct to a fully welded grease duct with fire wrap.	ADD $19,718.19
	PCO #51.0 – Fencing & Gate Changes Per TCSO Request (ASI #21)	ADD $356,475.02
	PCO #52.0 – PG&E Underground Vault Demo	ADD $8,956.20
	PCO #54.0 – Water Main Line Mod/Reinstallation Due to PG&E vault conflict	ADD $8,246.70

The above changes result in the following adjustments to the Contract Price: Net Addition $466,386.20

Contract Time is increased 72 calendar days by this Change Order.

Continued next page . . .

CONTRACT CHANGE ORDER NO. 7
PROJECT: TEHAMA COUNTY REENTRY FACILITY

I, the undersigned Contractor, have given careful consideration to the change proposed and hereby agree to do the work above specified and will accept as full payment therefore the prices shown above.

By _____
CONTRACTOR

By Project Manager
Title

Date 12/2/2025

Date _____

SUBMITTED BY:

_____
ARCHITECT

RECOMMENDED FOR APPROVAL:

By _____
PROJECT MANAGER

Date 12/8/25

APPROVED BY:

COUNTY APPROVAL:

By _____
CHIEF ADMINISTRATOR

Date 12/8/25.

CONTRACT CHANGE ORDER NO. _7_
PROJECT: TEHAMA COUNTY REENTRY FACILITY

PCO #	REF.	DESCRIPTION	GRANT ELIGIBLE	DAYS	AMOUNT
37.1	RFI 93.0	PCO #37.1 –Delete Area Drain (RFI #93); Add sidewalk in lieu of SD 17	YES	0	$ 2,006.02
49.0	ASI 23; Work Auth. 1.0	Additional PGE Required Underground Electrical Work (ASI 23 & Work Authorization 1.0): [Electrical service infrastructure improvements]	YES	23	$ 70,984.07
50.0	ASI 32	Grease Duct (ASI 32)	YES	0	$ 19,718.19
51.0	ASI 21	PCO #51.0 – Fencing & Gate Changes Per TCSO Request (ASI #21)	YES	35	$ 356,475.02
52.0	ASI 23	PG&E Underground Vault Demo (ASI 23) [Electrical service infrastructure improvements]	YES	0	$ 8,956.20
54.0	ASI 23	Water Line Mod/Reinstallation Due to PG&E vault conflict (ASI 23) [Electrical service infrastructure improvements]	YES	14	$ 8,246.70
		Time extension	N/A	72	$0.00
		TOTAL CHANGE ORDER		72	**466,386.20**

The original Contract Sum	$20,666,700.00
Net Change by previously authorized Change Orders	169,148.97
The Contract Sum prior to this Change Order	$20,835,848.97
The Contract Sum will be increased/decreased by this Change Order in the amount of	466,386.20
The New Contract Sum including this Change Order will be	$21,302,235.17
The Contract Time will be extended	(72) Calendar days
Revised Contract Completion Date	December 12, 2025

Tehama County

Agenda Request Form

File #: 25-2094 **Agenda Date:** 12/16/2025 **Agenda #:** 18.

ADMINISTRATION - Administrative Services Director Tom Provine

Requested Action(s)

a) Board discussion of potential projects for the 2025 Community Development Block Grant Notice (CDBG) of Funding Availability (NOFA) and direction to staff to apply and return to the Board with the required resolution for authorization to submit, as required by the CDBG NOFA

Financial Impact:

There is no financial impact at this time.

Background Information:

This item is intended to provide information to the Board regarding the 2025 CDBG Notice of Funding Availability (NOFA); the application to be submitted under the 2025 CDBG NOFA for activities and potential applications for submittal will be presented to the Board at a future date. Staff will provide a list of eligible projects based on the public outreach meetings that have been held and brought back before the Board for approval.

Tehama County

Agenda Request Form

File #: 25-2082 **Agenda Date:** 12/16/2025 **Agenda #:** 19.

ADMINISTRATION - Administrative Services Director Tom Provine

Requested Action(s)
a) AGREEMENT - Request approval and authorization for the Chief Administrator to sign the Amendment to Miscellaneous Agreement 2023-114 with Lenders Construction Services, LLC for the Tehama County Re-Entry Facility, thereby increasing the total compensation to not exceed $1,762,398, for a total increase of $269,498 *(Subject to receipt of required insurance documentation)*

Financial Impact:
The increase in cost for this agreement is within the project budget.

Background Information:

The County previously entered into an agreement with Lenders Construction Services, LLC to provide project management services for the Jail Re-Entry Facility Project. The original contract, approved on April 25, 2023, established a not to exceed amount based on the anticipated scope of work and project schedule at that time.

As the project progressed, it became evident that the project duration would extend beyond the original timeframe due to both unanticipated conditions and requested changes. This is necessary to maintain project continuity and ensure timely completion of the project as well as having the project manager continue providing services beyond the initially authorized contract amount.

Because the cumulative cost of these additional services exceeds the original contract limit, an amendment is required to appropriately compensate the project manager for work already performed and to authorize funding necessary for the remaining project tasks. Amending the agreement will formalize the updated scope, ensure compliance with County contracting requirements, and allow the project to move forward without disruption.

AMENDMENT

TO THE AGREEMENT BETWEEN THE COUNTY OF TEHAMA AND LENDERS CONSTRUCTION SERVICES, LLC

This Amendment to Miscellaneous Agreement No. 2023-114, by and between the County of Tehama, through its Administration Department (County) and Lenders Construction Services, LLC (Contractor) for the purpose of construction management services for the Tehama County Jail Re-Entry Facility, shall be amended as follows:

3. COMPENSATION

Contractor shall be paid in accordance with the rates set forth in the Fee Schedule, attached hereto as part of Exhibit "B" after satisfactorily completing the duties described in this Agreement. The Maximum Compensation payable under this Agreement shall not exceed $1,762,398. Contractor shall not be entitled to payment or reimbursement for any tasks or services performed except as specified herein. Contractor shall have no claim against County for payment of any compensation or reimbursement, of any kind whatsoever, for any service provided by Contractor after the expiration or other termination of this Agreement. Contractor shall not be paid any amount in excess of the Maximum Compensation amount set forth above, and Contractor agrees that County has no obligation, whatsoever, to compensate or reimburse Contractor for any expenses, direct or indirect costs, expenditures, or charges of any nature by Contractor that exceed the Maximum Compensation amount set forth above. Should Contractor receive any such payment it shall immediately notify County and shall immediately repay all such funds to County. This provision shall survive the expiration or other termination of this Agreement.

It is mutually agreed that all other terms and conditions of Miscellaneous Agreement No. 2023-114 shall remain in full force and effect.

IN WITNESS WHEREOF, County and Contractor have executed this agreement on the day and year set forth below.

COUNTY OF TEHAMA

Date: _____

Gabriel Hydrick, Chief Administrator

Lenders Construction Services, LLC

Date: 12/04/2025

Jeffrey Smith, President

135844
Vendor Number

Exhibit B

LENDERS CONSTRUCTION SERVICES LLC
COMPLIANCE . MANAGEMENT . INSPECTION

Date: November 14, 2025

Tom Provine
County of Tehama
County Administrative Office
Red Bluff, CA 96080

Subject: Proposal for Extended Construction-Management Services
Tehama County Jail Re-Entry Facility (Community Correction Re-Entry Facility)
Miscellaneous Agreement No. 2023-114

Dear Mr. Provine:

Lenders Construction Services, LLC ("LCS") appreciates the opportunity to continue providing Construction Management and related inspection services for the Tehama County Jail Re-Entry Facility pursuant to Miscellaneous Agreement No. 2023-114, approved by the County in May 2023 for a not-to-exceed amount of $1,492,900.

Under the original agreement, the construction phase was anticipated to span 600 calendar days, with substantial completion projected to occur on or about August 1, 2025. As construction has progressed, it has become evident that the project duration will extend beyond this original timeframe, now projecting substantial completion on or about December 31, 2025. These schedule extensions are due to factors outside the control of Lenders Construction Services, LLC.

LCS Accommodation for Costs from August 1 through August 31, 2025:
In recognition of the County's project budget and the importance of maintaining continuity of CM staffing, LCS proposes to absorb all additional CM staffing, inspection, project administration, and site coordination costs incurred from the originally anticipated completion date through August 31, 2025, with no request for additional compensation for that period.

Extended Services Required Beyond August 31, 2025:
The revised construction duration presently indicates a continued need for Construction Management and inspection services from September 1, 2025, through December 31, 2025.

During this period, LCS will be required to maintain full CM services including, but not limited to:

- Daily on-site representation
- Management of Contractor coordination
- Inspection, testing coordination, and documentation

- RFI and submittal management
- Pay-application review
- Change-order review

LCS proposes to provide these extended services at a calculated daily CM/inspection rate of $2,209 per calendar day. The period from September 1 through December 31, 2025 encompasses:

122 calendar days × $2,209/day = $269,498

Summary:

Costs absorbed by LCS for additional services Aug 1 - Aug 31, 2025: $66,270	(no charge)
Additional CM services Sept 1–Dec 31, 2025:	$269,498
Total Additional Request:	$269,498

Next Steps:
Attached is Draft Amendment No. 1 to Agreement No. 2023-114 for the County's review and approval.

Sincerely,



Jeffrey Smith
Lenders Construction Services, LLC

PH: (707) 496-9998 - JEFF@LENDERSCONSTRUCTIONSERVICES.COM
P.O. BOX 6218, EUREKA, CA 95502

E-Contract Review
Approval as to Form

Department Name: Administration

Vendor Name: Lenders Construction

Contract Description: For the purpose of amending the agreement for the construction of the Tehama County Re-Entry Facility

APPROVED AS TO FORM:



Date: 12/4/2025

Office of the Tehama County Counsel
Margaret Long, County Counsel

AGREEMENT BETWEEN THE COUNTY OF TEHAMA AND LENDERS CONSTRUCTION SERVICES, LLC

This agreement is entered into between the County of Tehama, through its Administration Department ("County") and Lenders Construction Services, LLC ("Contractor") for the purpose of construction management services for the Tehama County Jail Re-Entry Facility.

1. **RESPONSIBILITIES OF CONTRACTOR**

During the term of this agreement, Contractor shall provide construction and project management services for the Tehama County Jail Re-Entry Facility project, herein referred to as "Project". Contractor shall, upon request of the County, provide all services and meet all requirements and deadlines set forth in the "Request for Qualifications, Construction Management Services for Tehama County Jail Re-Entry Facility", attached hereto as Exhibit "C," and Consultant's Statement of Qualifications, attached hereto as Exhibit "B." The Contractor shall provide all necessary services required under Title 24 of the California Code of Regulations, California Building Codes, and all other applicable rules, statues, and regulations, as set forth in greater detail in Exhibit "C" attached to and incorporated herein.

2. **RESPONSIBILITIES OF THE COUNTY**

County shall compensate Contractor for said services pursuant to Section 3 and 4 of this agreement.

3. **COMPENSATION**

Contractor shall be paid in accordance with the rates set forth in the Fee Schedule, attached hereto as part of Exhibit "B" after satisfactorily completing the duties described in this Agreement. The Maximum Compensation payable under this Agreement shall not exceed $1,492,900. Contractor shall not be entitled to payment or reimbursement for any tasks or services performed except as specified herein. Contractor shall have no claim against County for payment of any compensation or reimbursement, of any kind whatsoever, for any service provided by Contractor after the expiration or other termination of this Agreement. Contractor

shall not be paid any amount in excess of the Maximum Compensation amount set forth above, and Contractor agrees that County has no obligation, whatsoever, to compensate or reimburse Contractor for any expenses, direct or indirect costs, expenditures, or charges of any nature by Contractor that exceed the Maximum Compensation amount set forth above. Should Contractor receive any such payment it shall immediately notify County and shall immediately repay all such funds to County. This provision shall survive the expiration or other termination of this Agreement.

4. **BILLING AND PAYMENT**

On or before the 15th of each month, Contractor shall submit to County an itemized invoice for all services rendered during the preceding calendar month. County shall make payment of all undisputed amounts within 30 days of receipt of Contractor's invoice. County shall be obligated to pay only for services properly invoiced in accordance with this section.

5. **TERM OF AGREEMENT**

This agreement shall commence on the date of signing and shall terminate upon project completion, unless terminated in accordance with section 6 below.

6. **TERMINATION OF AGREEMENT**

If Contractor fails to perform his/her duties to the satisfaction of the County, or if Contractor fails to fulfill in a timely and professional manner his/her obligations under this agreement, or if Contractor violates any of the terms or provisions of this agreement, then the County shall have the right to terminate this agreement effective immediately upon the County giving written notice thereof to the Contractor. Either party may terminate this agreement on 30 days' written notice. County shall pay contractor for all work satisfactorily completed as of the date of notice. County may terminate this agreement immediately upon oral notice should funding cease or be materially decreased, or should the Tehama County Board of Supervisors fail to appropriate sufficient funds for this agreement in any fiscal year.

The County's right to terminate this agreement may be exercised by the Chief Administrator.

7. **ENTIRE AGREEMENT; MODIFICATION**

This agreement for the services specified herein supersedes all previous agreements for these services and constitutes the entire understanding between the parties hereto. Contractor shall be entitled to no other benefits other than those specified herein. No changes, amendments or alterations shall be effective unless in writing and signed by both parties. Contractor specifically acknowledges that in entering into and executing this agreement, Contractor relies solely upon the provisions contained in this agreement and no other oral or written representation.

8. **NONASSIGNMENT OF AGREEMENT**

Inasmuch as this agreement is intended to secure the specialized services of Contractor, Contractor may not assign, transfer, delegate or sublet any interest herein without the prior written consent of the County.

9. **EMPLOYMENT STATUS**

Contractor shall, during the entire term of this agreement, be construed to be an independent contractor and nothing in this agreement is intended nor shall be construed to create an employer-employee relationship, a joint venture relationship, or to allow County to exercise discretion or control over the professional manner in which Contractor performs the services which are the subject matter of this agreement; provided always, however, that the services to be provided by Contractor shall be provided in a manner consistent with the professional standards applicable to such services. The sole interest of the County is to insure that the services shall be rendered and performed in a competent, efficient and satisfactory manner. Contractor shall be fully responsible for payment of all taxes due to the State of California or the Federal government, which would be withheld from compensation of Contractor, if Contractor were a County employee. County shall not be liable for deductions for any amount for any purpose from Contractor's compensation. Contractor shall not be eligible for coverage under County's Workers Compensation Insurance Plan nor shall Contractor be eligible for any other County benefit.

10. **INDEMNIFICATION**

Contractor shall defend, hold harmless, and indemnify Tehama County, its elected officials, officers, employees, agents, and volunteers against all claims, suits, actions, costs, expenses (including but not limited to reasonable attorney's fees of County), damages, judgments, or decrees by reason of any person's or persons' injury, including death, or property (including property of County) being damaged, arising out of contractor's performance of work hereunder or its failure to comply with any of its obligations contained in this agreement, whether by negligence or otherwise. Contractor shall, at its own expense, defend any suit or action founded upon a claim of the foregoing. Contractor shall also defend and indemnify County against any adverse determination made by the Internal Revenue Service or the State Franchise Tax Board and/or any other taxing or regulatory agency against the County with respect to Contractor's "independent contractor" status that would establish a liability for failure to make social security or income tax withholding payments, or any other legally mandated payment.

11. **INSURANCE**

Contractor shall procure and maintain insurance pursuant to Exhibit A, "Insurance Requirements For Contractor," attached hereto and incorporated by reference.

12. **PREVAILING WAGE**

Contractor certifies that it is aware of the requirements of California Labor Code Sections 1720 et seq. and 1770 et seq., as well as California Code of Regulations, Title 8, Section 16000 et seq. ("Prevailing Wage Laws"), which require the payment of prevailing wage rates and the performance of other requirements on certain "public works" and "maintenance" projects. If the Services hereunder are being performed as part of an applicable "public works" or "maintenance" project, as defined by the Prevailing Wage Laws, and if the total compensation is $1,000 or more, Contractor agrees to fully comply with and to require its subcontractors to fully comply with such Prevailing Wage Laws, to the extent that such laws apply. If applicable, County will maintain the general prevailing rate of per diem wages and other information set forth in Labor Code section 1773 at its principal office, and will make this information available

to any interested party upon request. Contractor shall defend, indemnify and hold the County, its elected officials, officers, employees and agents free and harmless from any claims, liabilities, costs, penalties, or interest arising out of any failure or alleged failure of the Contractor or its subcontractors to comply with the Prevailing Wage Laws. Without limiting the generality of the foregoing, Contractor specifically acknowledges that County has not affirmatively represented to contractor in writing, in the call for bids, or otherwise, that the work to be covered by the bid or contract was not a "public work." To the fullest extent permitted by law, Contractor hereby specifically waives and agrees not to assert, in any manner, any past, present, or future claim for indemnification under Labor Code section 1781.

Contractor acknowledges the requirements of Labor Code sections 1725.5 and 1771.1 which provide that no contractor or subcontractor may be listed on a bid proposal or be awarded a contract for a public works project unless registered with the Department of Industrial Relations pursuant to Labor Code section 1725.5, with exceptions from this requirement specified under Labor Code sections 1725.5(f), 1771.1(a) and 1771.1(n).

If the services are being performed as part of the applicable "public works" or "maintenance" project, as defined by the Prevailing Wage Laws, Contractor acknowledges that this project is subject to compliance monitoring and enforcement by the Department of Industrial Relations.

13. **NON-DISCRIMINATION**

Contractor shall not employ discriminatory practices in the treatment of persons in relation to the circumstances provided for herein, including assignment of accommodations, employment of personnel, or in any other respect on the basis of race, religious creed, color, national origin, ancestry, physical disability, mental disability, medical condition, marital status, sex, age, or sexual orientation.

14. **GREEN PROCUREMENT POLICY**

Through Tehama County Resolution No. 2021-140, the County adopted the Recovered Organic Waste Product Procurement Policy (available upon request) to (1) protect and conserve natural

resources, water and energy; (2) minimize the jurisdiction's contribution to pollution and solid waste disposal; (3) comply with state requirements as contained in 14 CCR Division 7, Chapter 12, Article 12 (SB 1383); (4) support recycling and waste reduction; and (5) promote the purchase of products made with recycled materials, in compliance with the California Integrated Waste Management Act of 1989 (AB 939) and SB1382 when product fitness and quality are equal and they are available at the same or lesser cost of non-recycled products. Contractor shall adhere to this policy as required therein and is otherwise encouraged to conform to this policy.

15. **COMPLIANCE WITH LAWS AND REGULATIONS**

All services to be performed by Contractor under to this Agreement shall be performed in accordance with all applicable federal, state, and local laws, ordinances, rules, and regulations. Any change in status, licensure, or ability to perform activities, as set forth herein, must be reported to the County immediately.

16. **LAW AND VENUE**

This agreement shall be deemed to be made in, and shall be governed by and construed in accordance with the laws of the State of California (excepting any conflict of laws provisions which would serve to defeat application of California substantive law). Venue for any action arising from this agreement shall be in Tehama County, California.

17. **AUTHORITY**

Each party executing this Agreement and each person executing this Agreement in any representative capacity, hereby fully and completely warrants to all other parties that he or she has full and complete authority to bind the person or entity on whose behalf the signing party is purposing to act.

18. **NOTICES**

Any notice required to be given pursuant to the terms and provisions of this agreement shall be in writing and shall be sent first class mail to the following addresses:

If to County:	Tehama County Administration 727 Oak Street Red Bluff, CA 96080
If to Contractor:	Lenders Construction Services, LLC PO Box 6218 Eureka, CA 95502

Notice shall be deemed to be effective two days after mailing.

19. **NON-EXCLUSIVE AGREEMENT:**

Contractor understands that this is not an exclusive agreement, and that County shall have the right to negotiate with and enter into agreements with others providing the same or similar services to those provided by Contractor, or to perform such services with County's own forces, as County desires.

20. **RESOLUTION OF AMBIGUITIES:**

If an ambiguity exists in this Agreement, or in a specific provision hereof, neither the Agreement nor the provision shall be construed against the party who drafted the Agreement or provision.

21. **NO THIRD PARTY BENEFICIARIES:**

Neither party intends that any person shall have a cause of action against either of them as a third party beneficiary under this Agreement. The parties expressly acknowledge that is not their intent to create any rights or obligations in any third person or entity under this Agreement. The parties agree that this Agreement does not create, by implication or otherwise, any specific, direct or indirect obligation, duty, promise, benefit and/or special right to any person, other than the parties hereto, their successors and permitted assigns, and legal or equitable rights, remedy, or claim under or in respect to this Agreement or provisions herein.

22. HAZARDOUS MATERIALS

Contractor shall provide to County all Safety Data Sheets covering all Hazardous Materials to be furnished, used, applied, or stored by Contractor, or any of its Subcontractors, in connection with the services on County property. Contractor shall provide County with copies of any such Safety Data Sheets prior to entry to County property or with a document certifying that no Hazardous Materials will be brought onto County property by Contractor, or any of its Subcontractors, during the performance of the services. County shall provide Safety Data Sheets for any Hazardous Materials that Contractor may be exposed to while on County property.

23. HARASSMENT

Contractor agrees to make itself aware of and comply with the County's Harassment Policy, TCPR §8102: Harassment, which is available upon request. The County will not tolerate or condone harassment, discrimination, retaliation, or any other abusive behavior. Violations of this policy may cause termination of this agreement.

IN WITNESS WHEREOF, County and Contractor have executed this agreement on the day and year set forth below.

COUNTY OF TEHAMA

Date: 6/7/23

Gabriel Hydrick, Chief Administrator

Lenders Construction Services, LLC

Date: May 19, 2023

Jeffrey Smith, President

Vendor Number

Budget Account Number

Standard Form of Agreement – Services adopted 07-26-17

Tehama County

Agenda Request Form

File #: 25-2039 **Agenda Date:** 12/16/2025 **Agenda #:** 20.

ADMINISTRATION - Chief Administrator Gabriel Hydrick

Requested Action(s)
a) Request approval and authorization for the Chief Administrator to accept the proposal submitted by Matrix Consulting Group to conduct an assessment focused on Franchise Fees and cost allocation and to initiate the work as outlined in the proposal

Financial Impact:
The cost for the Franchise Fee Study component is $35,000; the Cost Allocation Plan component is $10,000 for a total cost of $45,000.

Background Information:
At the November 18, 2025, Board of Supervisors meeting, the Board unanimously voted to accept the proposal submitted by Matrix Consulting Group (Matrix) to perform a countywide fee study. In doing so, the Board acted in accordance with the Strategic Plan. At that time the Board was informed of Matrix's request for additional time to provide a thorough proposal specific to Franchise Fees and Cost Allocation Plan, which is what is before the Board today.

The two components of this proposal contain separate scopes of work which vary from the other departmental fee study and audits as it focuses on leveraging revenues throughout the County. Franchise Fees and Cost Allocation practices play a critical role in ensuring that the County recovers appropriate costs and accurately distributes shared administrative and operations expenses across departments. Over time, changes in service and delivery models, regulatory requirements, infrastructure demands and market conditions can impact the adequacy and fairness of existing fee structures and allocation methodologies.

The Franchise Fee study will evaluate current processes and determine if, where and how Franchise Fees can be maximized to increase County cost recovery, as well as identify any missed opportunities to recover costs. There is a need to verify that these fees remain aligned with industry standards, comply with legal requirements, and accurately reflect the true cost of providing services to the public. A third-party analysis will also support transparency and defensibility, ensuring that any adjustments to fees or allocations are supported by objective, data-driven evaluation.

To address this need, staff recommend engaging Matrix, a qualified consulting firm with experience in municipal finance, franchise fee development, and cost allocation modeling. Matrix will review existing practices, conduct comparative and methodological analyses, and provide recommendations to ensure the County's fees and allocation processes are equitable, compliant, and financially sustainable.

October 28, 2025

Arminda Searcy
Administrative Analyst
Tehama County
727 Oak Street, Suite 202
Red Bluff, CA 96080

Dear Ms. Searcy:

Matrix Consulting Group was recently awarded a contract to become a Fee Study Consultant for Tehama County. During initial discussions, County staff expressed the desire to understand the steps and costs associated with developing a Countywide Cost Allocation Plan and reviewing Franchise Fees. The Cost Allocation Plan will help the County identify indirect administrative costs and ensure that indirect costs are accurately reflected in service-related fees. The Franchise Fee study would assess current processes and determine if, where, and how Franchise Fees could be implemented to increase county cost recoveries.

The following sections provide an outline of the services to be performed, a work schedule, and a fixed-price quote.

COST ALLOCATION PLAN

The following subsections outline our approach to developing a Countywide Cost Allocation Plan, including a project timeline and price.

SCOPE OF WORK: COST ALLOCATION PLAN

The County wants to develop a Cost Allocation Plan to facilitate administrative cost recovery through service fees and other non-general fund sources. The following points highlight the tasks and services to be provided:

- **Data Collection:** Matrix Consulting Group will provide the County with a list of required data prior to any meetings to prepare for project discussions. Typical data includes budgeted/audited expenditures, personnel lists, and prior studies, helping the team understand financial practices.
- **Study Objectives and Project Schedule:** After reviewing the collected data, the team will meet with County staff to ensure mutual understanding of study goals and objectives.
- **Interview Staff and Gather Allocation Metrics:** The team will review the County's financial structure to identify departments that provide support services and meet with relevant staff. The allocation bases will be discussed and documented to ensure they reflect current services.

- **Review of Draft Cost Allocation Metrics:** Draft allocation workbooks will be created based on collected data and reviewed with central service departments. This step verifies the accuracy and relevance of the metrics, ensuring a strong alignment with the allocation nexus.
- **Structure and Prepare Draft Cost Allocation Plan:** Once cost and metric assumptions have been finalized, the draft plan will be developed to align with OMB guidelines and general accounting principles. The team will ensure expenses are vetted, and results will be shared in Excel for staff review before drafting the final report.
- **Finalize the Cost Allocation Plan:** The final report will be completed after the draft is reviewed and approved by the County. Deliverables include a detailed report and Excel schedules for easy integration into County budgeting processes.

The results of this study will provide County staff with a documented plan to support indirect cost recovery.

SCHEDULE: COST ALLOCATION PLAN

Studies of this nature typically take approximately three (3) months to complete. The following table shows the associated tasks by month:

Month	Activity
Month 1	Data Collection Study Objectives Staff Interviews
Month 2	Continue Staff Interviews Review Draft Metrics Structure Model
Month 3	Draft Cost Plan Final Cost Plan

The cost allocation plan can be developed in conjunction with the County's fee assessment, as this would allow for integration into the fee study results. All timelines can be created and adjusted in accordance with County staff schedules, availability, and goals.

PRICE: COST ALLOCATION PLAN

Matrix Consulting Group is committed to developing a Cost Allocation Plan at the level of detail noted above for a fixed price of **$10,000.**

FRANCHISE FEE ASSESSMENT

The following subsections outline our approach to assessing the County's authority to charge franchise fees and calculate the full cost of those fees, including a project timeline and price.

SCOPE OF WORK: FRANCHISE FEE ASSESSMENT

The County wants to assess its ability to charge franchise fees and, where appropriate, calculate them to help recover associated costs. The following points highlight the tasks and services to be provided:

- **Legal Policy Framework Review:** The project team will begin by reviewing applicable state statutes and municipal codes to confirm the County's authority to assess franchise fees. This step will establish the legal foundation for the study and identify any limitations, exemptions, or procedural requirements that may affect the implementation of the fee.
- **Inventory and Review of Existing Franchise Agreements:** The project team will document and evaluate all current franchise and right-of-way agreements for electric, gas, telecommunications, cable, and solid waste utilities.
- **Benchmarking Comparison:** A comparative review of franchise fee practices among similar jurisdictions will be conducted. This survey will identify common fee structures, current rates, and provide context for potential adjustments.
- **Development of Fee Methodology:** Based on the findings of the legal review and comparative survey, the project team will develop appropriate calculation methods (e.g., revenue-based, cost-based, value-based). Information regarding gross utility revenues, right-of-way mileage, or administrative costs will be documented and used to determine appropriate fees.
- **Legal and Policy Validation:** Once preliminary fee calculations are complete, the project team will review the proposed franchise fees and structures to ensure compliance with legal standards and confirm that fees are proportionate. Draft findings will be shared with County staff for review.
- **Final Report:** Following reviews, we will prepare a comprehensive report summarizing the legal authority, existing agreements, benchmarking results, methodology, and recommended fee structure.

The results of this analysis will outline the County's options for implementing Franchise Fees, document the legal basis for the fee, describe the calculation, and project its revenue impacts.

SCHEDULE: FRANCHISE FEE ASSESSMENT

Studies of this nature typically take approximately five (5) months to complete. The following table shows the associated tasks by month:

Month	Activity
Month 1	Legal and Policy Framework
Month 2	Inventory and Review of Existing Agreements Comparative Survey
Month 3	Development of Fee Methodology Legal and Policy Validation
Month 4	Continue Legal and Policy Validation Prepare Franchise Fee Report
Month 5	Finalize Franchise Fee Report

All timelines can be created and adjusted in accordance with staff schedules, availability, and goals. We recommend that, due to the nature of this type of study, the County focus on the Cost Allocation and the Fee study first, and upon completion of those assessments, begin the franchise fee analysis.

PRICE: FRANCHISE FEE ASSESSMENT

Matrix Consulting Group is committed to conducting a Franchise Fee Assessment at the level of detail noted above for a fixed price of **$35,000.**

SUMMARY

We propose developing a Cost Allocation Plan within three months, concurrent with the fee study. We propose conducting a Franchise Fee Assessment within a five-month timeframe, after the completion of the cost allocation and fee studies.

The total fixed price for these studies would be **$45,000.** Our typical practice is to bill for hours worked monthly, with our contracts set up at a fixed price.

* * *

We appreciate the opportunity to provide additional services to Tehama County. Should you have any questions regarding this quote, please contact me at cramos@matrixcg.net or by phone at 650-858-0507. Thank you.

Courtney Ramos

COURTNEY RAMOS
Senior Vice President
Matrix Consulting Group

Tehama County

Agenda Request Form

File #: 25-2085 **Agenda Date:** 12/16/2025 **Agenda #:** 21.

COUNTY COUNSEL - Senior Deputy County Counsel Daniel Klausner

Requested Action(s)
a) AGREEMENT - Request approval and authorization for the Chair to sign the Legal Services Agreement with El Camino Irrigation District for the purposes of general legal services, effective upon all party signatures and shall terminate 12/31/30

Financial Impact:
The El Camino Irrigation District shall pay the County an hourly rate for services on a quarterly basis. The hourly rate for attorneys is based on the A-87 rates calculated annually.

Background Information:
Government Code sections 26520, 26529, and 53060 authorize the Tehama County Office of County Counsel to render legal services to El Camino Irrigation District (ECID) upon request. These sections further authorize County to charge ECID a fee, not to exceed the total cost to the county, for the legal services rendered. ECID is a local public entity organized and exists under Division 11 (commencing with Section 20500) of the Water Code. The District is requesting assistance with handling some easement issues.

Legal Services Agreement

This Legal Services Agreement is made between the El Camino Irrigation District ("ECID") and COUNTY OF TEHAMA ("COUNTY"). This contract shall be effective once executed by both parties.

Whereas, Government Code sections 26520, 26529, and 53060 authorize the Tehama County Office of County Counsel ("County Counsel") to render legal services to ECID upon request. These sections further authorize County to charge ECID a fee, not to exceed the total cost to the county, for the legal services rendered;

Whereas, ECID is a local public entity organized and existing under the Division 11 (commencing with Section 20500) of the Water Code. ECID's territory is located entirely within the unincorporated area of Tehama County;

Whereas, ECID desires to retain and employ the Office of County Counsel to provide general legal advice upon request and to pay County for the total actual costs of these services;

Whereas, COUNTY desires to have the Office of County Counsel provide these services to ECID and to receive the aforementioned payment from ECID; and

Whereas, pursuant to the Business and Professions Code, the waiver of potential conflicts of interest must be explicit.

NOW, THEREFORE, the parties hereto, in consideration of the mutual covenants and conditions set forth herein, and the substantial public benefits to be derived therefrom, do hereby agree as follows:

1. DURATION OF CONTRACT.

This contract shall be for a term of five years, Terminating on December 31, 2030 unless sooner terminated as specified in paragraph 7. Unless either party gives the other party written notice within not less than ninety (90) days of the expiration of any term of the agreement, the contract shall automatically renew for successive one-year periods (August 1 – July 31) upon the same terms and conditions.

2. SCOPE OF SERVICES.

The COUNTY, for the ECID's benefit shall provide legal services through the Office of the County Counsel as requested by the ECID, including legal research, preparation of legal documents such as contracts, representation in administrative hearings, arbitrations, court proceedings, negotiations and attendance at public meetings. ECID intends to make limited use of the Office of County Counsel for legal services. Such services will be provided only upon written or oral request made by the ECID Board. Any Director on the ECID's Board of Directors is also authorized to request legal services on behalf of District under this agreement. Although any opinion or work so authorized by the Directors or other authorized ECID staff, or by less than the majority of the Board shall be privileged under the attorney-client privilege, it shall be

made available to any Director of the ECID Board of Directors on request either orally or in writing.

3. COMPENSATION FOR SERVICES AND REIMBURSEMENT OF COSTS.

(a) In consideration for the COUNTY's performance, the ECID shall pay the following compensation to the COUNTY:

☐ a total lump sum payment of $_____, or

☐ a total sum not to exceed $_____, or

☑ consideration determined specifically as follows:

The ECID shall pay to the COUNTY an hourly rate for services rendered pursuant to the terms and conditions of this contract. The hourly rate is based on the actual cost of providing services and shall not exceed the highest allowable hourly rate pursuant to the United States Office of Management and Budget Circular A-87 (Cost Principles for State, Local, and Indian Tribal Governments). The County shall notify ECID of the up to date calculation for its attorneys based on the A-87 calculation annually by the start of the second quarter of the fiscal year, those rates being effective for the First Quarter billing of that same year.

(b) ECID agrees to reimburse COUNTY for any costs actually incurred on ECID's behalf, provided that COUNTY obtains written or oral approval of any individual costs over $ 500.00 and any aggregate costs in the course of a fiscal year over $ 1,000.00.

4. BILLING.

Charges for services rendered pursuant to the terms and conditions of this contract shall be invoiced on the following basis: (check one)

☐ One month in arrears.

☐ Upon the complete performance of the services specified in paragraph 2.

☑ The following basis: quarterly in arrears

5. PAYMENT.

Payment shall be made by the ECID to the COUNTY at the address specified in paragraph 9 of this contract, net thirty (30) days from the invoice date.

6. LIABILITY.

COUNTY shall not be liable to ECID or its agents, employees or to third persons or any cost, expense, including attorney's fees, damage or liability whatsoever arising out of, or in any way related to the County's performance under this contract, including, but not limited to, claims for property damage, personal injury, death, and any legal expenses (such as attorneys' fees, court costs, investigation costs, and experts' fees) incurred by ECID in connection with such claims or losses. A party's "performance" includes the party's action or inaction and the action or inaction of that party's officers and employees.

7. TERMINATION.

Either party may terminate this contract, with or without cause, at any time. In order to terminate this contract, the terminating party shall give 30 days advance written notice to the other party. The termination notice shall be made as specified in paragraph 10, below. In the event of termination, the ECID shall pay the COUNTY for all work satisfactorily performed prior to the effective date of the termination.

8. RESPONSIBILITY OF CONTRACT ADMINISTRATORS.

All matters concerning this contract which are within the responsibility of the parties shall be under the direction of, or shall be submitted to, the respective contract administrators or to the party's employee specified, in writing, by the contract administrator. A party may, in its sole discretion, change its designation of its contract administrator and shall promptly give written notice to the other party of any such change.

9. INFORMATION ABOUT CONTRACT ADMINISTRATORS.

The following names, titles, addresses, and telephone numbers are the pertinent information for the respective contract administrators for the parties.

Contract Administrator for the ECID:

Name: Kris Lamkin
Title: President of the Board
Address:

Email Address: lamkinranch@gmail.com
Telephone No.:
Fax

Contract Administrator for the COUNTY:

Name: Rachael Milton
Title: Office of County Counsel, Office Manager
Address: 727 Oak Street
Red Bluff, California 96080
Email Address RMilton@tehama.gov
Telephone No.: 530-527-9252
Fax No.: 530-527-9255

10. NOTICES.

Notices to the parties in connection with the administration of this contract shall be given to the parties' contract administrator personally, by regular mail, email, or by facsimile transmission as more particularly specified in this paragraph. Notices will be deemed given on:

(a) The day the notice is personally delivered to the contract administrator or the office of the party's contract administrator; or

(b) Five days after the date the notice is deposited in the United States mail, addressed to a party's contract administrator as indicated in this contract, with first-class postage fully prepaid; or

(c) On the day that the notice is transmitted by facsimile or email to a party's facsimile number or Contract Administrator's email address as specified in paragraph 9 of this contract, provided that an original of such notice is deposited in the United States mail, addressed to a party's contract administrator as indicated in this contact, on the same day as the facsimile transmission is made.

11. RECORDS TO BE MAINTAINED.

The COUNTY shall keep and maintain accurate records of all costs incurred and all time expended for work under this contract. The COUNTY shall contractually require that all of the COUNTY's subcontractors performing work called for under this contract also keep and maintain such records. All such records, whether kept by the COUNTY or any subcontractor, shall be made available to the ECID or its authorized representative, or officials of the State of California for review or audit during normal business hours, upon reasonable advance notice given by the ECID, its authorized representative, or officials of the State of California.

12. RETENTION OF RECORDS.

The COUNTY shall maintain and preserve all records related to this contract for a period of three years from the close of the fiscal year in which final payment under this contract is made. The COUNTY shall also contractually require the maintenance of such records in the possession of any third-party performing work related to this contract for the same period. Such records shall be retained beyond the three-year period, if any audit involving such records is then pending, until the audit findings are resolved. The obligation to ensure the maintenance of the records beyond the initial three-year period shall arise only if the ECID notifies the COUNTY of the commencement of an audit prior to the expiration of the three-year period.

13. TITLE TO DOCUMENTS; COPYRIGHT.

All reports and other materials collected or produced by the COUNTY or any subcontractor of the COUNTY shall, after completion and acceptance of the contract, become the property of the ECID, and shall not be subject to any copyright claimed by the COUNTY, subcontractor, or their agents or employees. The COUNTY may retain copies of all such materials exclusively for administrative purposes. Any use of completed or uncompleted documents for other projects by the COUNTY, any subcontractor, or any of their agents or employees, without the prior written consent of the ECID is prohibited.

14. CONFLICT OF INTEREST.

(a) The COUNTY and ECID agree that from time to time they may contract with each other. The COUNTY and ECID hereby waive any actual, apparent, or potential conflict of interest that may arise from this ongoing relationship. This waiver may be withdrawn at any time if the COUNTY OR ECID are notified in writing through the contacts in paragraph 10 of this Agreement.

(b) COUNTY and ECID certify that each has disclosed to the other any actual, apparent, or potential conflicts of interest that each knows exist relative to the services provided pursuant to this AGREEMENT. COUNTY and ECID agree to notify the other in writing through the contacts in Paragraph 9 of any actual, apparent, or potential conflicts of interest that is discovered subsequent to the effective date of this AGREEMENT. The County and ECID hereby waive any actual, apparent, or potential conflict of interest that may be discovered until notification is provided and the legislative body of the respective Party has had an opportunity to review the circumstances of the actual, apparent, or potential conflict and consider

withdrawing the waiver. If at that time ECID or the COUNTY decide to withdraw the waiver, that withdrawal shall be effective when notice is delivered in writing as described in paragraph 10. Nevertheless, the COUNTY covenants that, in the performance of this contract, the COUNTY will not knowingly contract with or hire a subcontractor or person having any actual, apparent, or potential conflict of interest without first obtaining written authorization from ECID.

(c) The COUNTY shall also list current clients who may have a financial interest in the outcome of services arising from this AGREEMENT and shall obtain the consent of ECID before contracting with any future clients who may have a financial interest in the outcome of services arising from this AGREEMENT.

(d) The COUNTY hereby certifies that the COUNTY has established necessary controls to identify when an actual, apparent, or potential conflict of interest exists.

(e) The COUNTY and ECID hereby certifies that no one who has or will have any financial interest under this contract is an officer or employee of the other Party.

15. COMPLIANCE WITH APPLICABLE LAWS.

The COUNTY shall comply with all applicable federal, state and local laws now, or hereafter, in force, and with any applicable regulations, in performing the work and providing the services specified in this contract. This obligation includes, without limitation, the acquisition, and maintenance of any permits, licenses, or other entitlements necessary to perform the duties imposed expressly or impliedly under this contract.

16. NONDISCRIMINATION.

The COUNTY shall not discriminate in the employment of persons necessary to perform this contract on any legally impermissible basis, including on the basis of the race, color, national origin, ancestry, religion, age, sex, or disability of such person.

17. PROHIBITION AGAINST ASSIGNMENT AND DELEGATION OF DUTIES.

Except as specifically authorized herein, no rights under this contract may be assigned and no duties under this contract may be delegated by the COUNTY without the prior written consent of the ECID, and any attempted assignment or delegation without such consent shall be void.

18. NEGOTIATED CONTRACT.

This contract has been arrived at through negotiation between the parties. Neither party is to be deemed the party which prepared this contract within the meaning of California Civil Code Section 1654.

19. SEVERABILITY.

Should any provision herein be found or deemed to be invalid, this contract shall be construed as not containing such provision, and all other provisions which are otherwise lawful shall

remain in full force and effect. To this end, the provisions of this contract are declared to be severable.

20. ENTIRE CONTRACT.

This contract is the entire agreement of the parties. There are no understandings or agreements pertaining to this contract except as are expressly stated in writing in this contract or in any document attached hereto or incorporated herein by reference. This contract supercedes and terminates any prior agreement between the parties.

21. TIME IS OF THE ESSENCE.

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

22. MATERIALITY.

The parties consider each and every term, covenant, and provision of this contract to be material and reasonable.

23. WAIVER.

Waiver by either party of a breach of any covenant of this contract will not be construed to be a continuing waiver of any subsequent breach. The ECID's receipt of consideration with knowledge of the COUNTY's violation of a covenant does not waive its right to enforce any covenant of this contract. The parties shall not waive any provisions of this contract unless the waiver is in writing and signed by all parties.

24. AUTHORITY AND CAPACITY.

The COUNTY and the ECID's signatory each warrant and represent that each has full authority and capacity to enter into this contract.

25. CUMULATION OF REMEDIES.

All of the various rights, options, elections, powers and remedies of the parties shall be construed as cumulative, and none of them exclusive of any other or of any other legal or equitable remedy which a party might otherwise have in the event of a breach or default of any condition, covenant or term by the other party. The exercise of any single right, option, election, power or remedy shall not, in any way, impair any other right, option, election, power or remedy until all duties and obligations imposed shall have been fully performed.

26. INDEPENDENT DECISION MAKING.

Each party hereby represents and warrants that in executing this contract it does so with full knowledge of the rights and duties it may have with respect to the other.

27. NO RELIANCE ON REPRESENTATIONS.

Each party hereby represents and warrants that it is not relying, and has not relied, upon any representation or statement made by the other party with respect to the facts involved or its rights or duties. Each party understands and agrees that the facts relevant, or believed to be relevant, to this contract may hereunder turn out to be other than, or different from the facts now known to such party as true, or believed by such party to be true. The parties expressly assume the risk of the facts turning out to be different and agree that this contract shall be effective in all respects and shall not be subject to rescission by reason of any such difference in facts.

28. COUNTERPARTS.

This contract may be executed in any number of counterparts, each of which so executed shall be deemed to be an original. The counterparts shall together constitute one contract.

APPROVED BY THE ECID:

Kris Lamkin, Chair
ECID Board of Directors
Date:_____

APPROVED BY THE COUNTY:

Matt Hansen, Chairman
Tehama County Board of Supervisors
Date:_____

APPROVED AS TO LEGAL FORM:
Margaret Long
Tehama County Counsel
By: Senior Deputy County Counsel Daniel B. Klausner_____
Date:_____

E-Contract Review
Approval as to Form

Department Name: Tehama County – Office of County Counsel

Vendor Name: El Camino Irrigation District

Contract Description: Agreement to provide legal services to local special district – Waiver of Conflicts.

APPROVED AS TO FORM:

Office of the Tehama County Counsel
Daniel B. Klausner, Senior Deputy County Counsel

Date: 2/3/25

Tehama County

Agenda Request Form

File #: 25-2042 **Agenda Date:** 12/16/2025 **Agenda #:** 22.

CLOSED SESSION

Requested Action(s)
a) EMPLOYEE NEGOTIATIONS - CONFERENCE WITH LABOR NEGOTIATORS (Government Code Section 54957.6)

Agency Negotiators: Gabriel Hydrick

Employee: Health Services Agency Executive Director

Financial Impact:
None.

Background Information:
None.

Tehama County

Agenda Request Form

File #: 25-2139 **Agenda Date:** 12/16/2025 **Agenda #:** 23.

CLOSED SESSION

Requested Action(s)
a) CONFERENCE WITH LEGAL COUNSEL - ANTICIPATED LITIGATION (54956.9 (d) (2) (Union Pacific Railroad))

Financial Impact:
Click here to enter Financial Impact.

Background Information:
Click here to enter Background Info.