



# **BEN LOMOND FIRE PROTECTION DISTRICT**

## **AGENDA of the BOARD OF DIRECTORS**

**Wednesday June 18, 2025 at 9:00 AM**

**Ben Lomond Firehouse, 9430 Hwy 9, Ben Lomond, California**

**Telephone: 831-336-5495 Fax: 831-336-0300**

**blfdchief@benlomondfd.com is inviting you to a Meeting**

The Board meeting agenda and all supporting documents are available for public review at 9430 Hwy 9, Ben Lomond, CA, 72 hours in advance of a scheduled board meeting.

District facilities and meetings comply with the Americans with Disabilities Act. If special accommodations are needed, please contact the District Administrative Assistant as soon as possible, but at least two days prior to the meeting.

### **FLAG SALUTE/MOMENT OF SILENCE**

### **ROLL CALL**

President Director Lisa Hill, Director (Vice) Tom Maxson,

Director Sean Castagna, Director Walker, Director Cope and Fire Chief Stacie Brownlee

### **REGULAR MEETING- Call TO ORDER**

### **OPEN TIME FOR PUBLIC EXPRESSION**

Please observe a three minute time limit

This is an opportunity for any member of the public to briefly address the District Board on any matter that does not appear on this agenda. Items that appear to warrant a more lengthy presentation or Board deliberation will be considered for placement on the agenda for discussion at a future meeting. There will also be an opportunity to comment on action items, following Board discussion and before any action is taken. The Board asks anyone who speaks to state their name.

### **DIRECTOR MATTERS/AGENDA AMENDMENTS**

Directors may report on their activities and meetings.

Any changes to the agenda may be made at this time.

### **CHIEF'S REPORT**

The Fire Chief will report on the district's business activities and operations.

### **COMMUNICATIONS-**

### **BOARD CALENDER EVENTS-**

### **COMMITTEE REPORTS-**

Directors may report on committee activities and meetings

### **CONSENT CALENDAR ITEMS**

These items can be acted on in one consolidated motion or may be removed from the Consent Calendar and separately considered at the request of any person.

1. Approval of Minutes May 21, 2025
2. Regular Meeting of June 18, 2025
3. Approval of Expenditures for June 18, 2025
  - 1.1 Paid bills in the amount of \$ 32,874.88
  - 1.2 Paid Payroll in the amount of \$ 31,423.48



## Old BUSINESS

1. SOP Review  
**Key discussion points:** SOP #2095 Bereavement Policy  
**Decision(s) made:**  
**Action items and assignee(s)**
2. Landscaping  
**Key discussion points:** New drawing  
**Decisions made:**  
**Action Items and assignees:**
3. Type 3  
**Key discussion points:** Chassis ready for payment. Lease company wiring the payment. Moving funds for the type 3 out of carryover? SCM installing headsets, lettering done by another company.  
**Decisions made:**  
**Action Items and assignees:**
4. Felton Fire  
**Key discussion points:**  
**Decisions made:**  
**Action Items and assignees:**
5. Preliminary Budget  
**Key discussion points:** None  
**Decisions made:**  
**Action Items and assignees:**

## NEW BUSINESS

### CLOSED SESSION

At any time during the regular meeting, the Board may adjourn to a closed session to consider land negotiations, litigation, and personnel matters or to discuss with legal counsel matter within the attorney-client privilege. Authority; Gov. Code Section Code §54956.8, 54956.9, and 54957.

### INFORMATION/FUTURE MEETINGS

Items of a general nature that the staff wishes to bring to the attention of the Board, and any future agenda items.

Scheduling of future meetings

Regular Meeting –July 16, 2025

### ADJOURNMENT





# BEN LOMOND FIRE PROTECTION DISTRICT

## Board Meeting Minutes

Regular Board Meeting

Wednesday May 21, 2025 at 9:00 AM

Ben Lomond Firehouse, 9430 Hwy 9, Ben Lomond, California

Telephone: 831-336-5495 Fax: 831-336-0300

### Roll Call

**Directors Present:** Chairperson Director Lisa Hill, Director Sean Castagna, Director Tom Maxson and Director Marty Walker and Director Andrew Cope

**Fire District Staff:** Chief Brownlee

**Absent:**

**Also Present:**

**FLAG SALUTE/MOMENT OF SILENCE**

**ROLL CALL**

**CALL TO ORDER BOARD REGULAR BOARD MEETING**

The meeting of the Board of Directors of the Ben Lomond Fire Protection District was held on Wednesday, May 21, 2025, Chairperson Hill called the meeting to order at 9:02 AM.

**OPEN TIME FOR PUBLIC EXPRESSION**

Please observe a three-minute time limit

This is an opportunity for any member of the public to briefly address the District Board on any matter that does not appear on this agenda. Items that appear to warrant a lengthier presentation or Board deliberation will be considered for placement on the agenda for discussion at a future meeting. There will also be an opportunity to comment on action items, following Board discussion and before any action is taken. The Board asks anyone who speaks to state their name.

**PUBLIC EXPRESSION-** None

**DIRECTOR MATTERS/AGENDA AMENDMENTS-** County Agreement & Upstairs

**CHIEF'S REPORT**

The Fire Chief will report on the district's business activities and operations.

**COMMUNICATIONS -** None

**BOARD CALENDAR EVENTS-** None

**COMMITTEE REPORTS-** None

Directors may report on committee activities and meetings

**CONSENT CALENDAR ITEMS**

These items can be acted on in one consolidated motion or may be removed from the Consent Calendar and separately considered at the request of any person.

1. Approval of Minutes April 16, 2025
2. Approval of Special Board Meeting Minutes May 9, 2025
  - 1.1 Regular Meeting of May 21, 2025
3. Approval of Expenditures for April 16, 2025
  - 3.1 Paid bills in the amount of \$ 31,217.33
  - 3.2 Paid Payroll in the amount of \$ 24,498.67



Approval of Consent Calendar Items

Motion was made by Director Castagna seconded by Director Walker to approve all Consent Calendar items

Ayes: Chairperson Hill Director, Director Maxson, Director Castagna, Director Walker and Director Cope

Noes: None

Abstain: None

Absent: None

**Old BUSINESS**

1. SOP Review

**Key discussion points:** SOP #2095

**Decision(s) made:** No changes

**Action items and assignee(s)**

2. Landscaping

**Key discussion points:** Drawings

**Decisions made:**

**Action Items and assignees:**

Motion was made by Director Castagna seconded by Director Hill to start the front landscaping and to not exceed \$20,000

Ayes: Chairperson Director Hill, Director Maxson, Director Castagna, Director Walker and Director Cope

Noes: None

Abstain: None

Absent: None

3. Type 3

**Key discussion points:** build starting

**Decisions made:**

**Action Items and assignees:**

4. Felton Fire

**Key discussion points:** No Action

**Decisions made:**

**Action Items and assignees:**

5. Henflings

**Key discussion points:**

**Decisions made:** Remove from agenda, put on Board calendar events every 6 months walk through

**Action Items and assignees:**

6. Review Insurance Policy

**Key discussion points:** Tabled

**Decisions made:** Remove

**Action Items and assignees:**

**NEW BUSINESS**

1. Preliminary Budget

**Key discussion points:** Board approved preliminary Budget

**Decisions made:**

**Action Items and assignees:**



Motion was made by Director Maxson seconded by Director Castagna to approve the preliminary budget 25-26

Ayes: Chairperson Director Hill, Director Maxson, Director Castagna, Director Walker and Director Cope

Noes: None

Abstain: None

Absent: None

**2. County Agreement**

**Key discussion points:**

**Decisions made:** Board signed contract

**Action Items and assignees:**

**3. Upstairs**

**Key discussion points:**

**Decisions made:**

**Action Items and assignees:** No action

**CLOSED SESSION-**

At any time during the regular meeting, the Board may adjourn to a closed session to consider land negotiations, litigation, and personnel matters or to discuss with legal counsel matter within the attorney-client privilege. Authority; Gov. Code Section Code §54956.8, 54956.9, and 54957:

**INFORMATION/FUTURE MEETINGS**

Items of a general nature that the staff wishes to bring to the attention of the Board, and any future agenda items.

**FUTURE MEETINGS**

Regular Board Meeting – May 21, 2025

**ADJOURNMENT**

The meeting was adjourned at 9:35 AM

ATTEST:

\_\_\_\_\_  
Chairperson Lisa Hill

\_\_\_\_\_  
Stacie Brownlee, Secretary



**BEN LOMOND FIRE PROTECTION DISTRICT  
OF SANTA CRUZ COUNTY**

**Date: June 18, 2025**

**To: County Auditor, Controller**

**From: Laurie Dennis (831) 336-5495**

**Subject: Approved Bills for Payment Transmittal**

---

Vendor bills have been approved for payment out of district funds totaling an amount of

\$ 32,874.88.

These payments were approved by the Board of Directors during their meeting on

June 18, 2025.

Signed \_\_\_\_\_

Signed \_\_\_\_\_

Signed \_\_\_\_\_

Signed \_\_\_\_\_

Signed \_\_\_\_\_



# CLAIMS BY VENDOR

05/21/2025

Filter: (Open Claims Only) (Pre-Approved Excluded)

Vendor	Claim Date	GL Obj	Message	Amount	
<b>GL Key: 680600</b>					
EMT CERTIFICATION FUND / EMSA	/ /	62826	EMT program - G Fisher #E202710	\$75.00	<input type="checkbox"/>
SANTA CRUZ CO - HSA	/ /	62826	EMS Program - G Fisher #E202710	\$100.00	<input type="checkbox"/>
SANTA CRUZ CO PUBLIC WORKS	/ /	61425	Dump fees- April 2025	\$39.50	<input type="checkbox"/>
SCM PERFORMANCE	/ /	86110	Labor hours upstairs- finish trim, install flooring throughout	\$3,840.00	<input type="checkbox"/>
<b>Total</b>				<b>\$4,054.50</b>	



# CLAIMS BY VENDOR

05/28/2025

Filter: (Open Claims Only) (Pre-Approved Excluded)

Vendor	Claim Date	GL Obj	Message	Amount	
<b>GL Key: 680600</b>					
COUNTY OF SANTA CRUZ - AUDITOR/CONTROLLER	//	62301	Payroll services for FY 2024/2025 ( 206 @ \$8.83)	\$1,818.98	<input type="checkbox"/>
GOLDEN STATE EMERGENCY VEHICLE SERVICE INC	//	61721	E2213- Air Cleaner	\$258.94	<input type="checkbox"/>
SCARBOROUGH LUMBER & BUILDING SUPPLY	//	61731	fuel for chainsaws, tools	\$160.17	<input type="checkbox"/>
SCARBOROUGH LUMBER & BUILDING SUPPLY	//	61848	Station maintenance supplies (cleaners, etc)	\$122.69	<input type="checkbox"/>
SCARBOROUGH LUMBER & BUILDING SUPPLY	//	86110	Upstairs remodel ( pine trim,shims, liquid nail, etc)	\$258.85	<input type="checkbox"/>
US BANK CORPORATE PAYMENT SYSTEMS	//	63074	Main account bill- Arden PG&E and SLV Water billing	\$75.72	<input type="checkbox"/>
US BANK CORPORATE PAYMENT SYSTEMS	//	86110	Main account bill- flag replacements	\$150.15	<input type="checkbox"/>
US BANK CORPORATE PAYMENT SYSTEMS	//	63074	Main account bill- PG&E and SLV Water billings	\$1,522.58	<input type="checkbox"/>
US BANK CORPORATE PAYMENT SYSTEMS	//	62826	Main account bill- smoke machine supplies (reimb. by Educ. Trailer fund)	\$251.76	<input type="checkbox"/>
US BANK CORPORATE PAYMENT SYSTEMS	//	62219	Main account bill- softwares (Adobe, website renew)	\$123.05	<input type="checkbox"/>
US BANK CORPORATE PAYMENT SYSTEMS	//	61221	Main account bill- Verizon Wireless (phone and internet) and Starlink	\$969.85	<input type="checkbox"/>
US BANK CORPORATE PAYMENT SYSTEMS	//	61310	Main account bill-5th Tuesday food items	\$699.68	<input type="checkbox"/>
<b>Total</b>				<b>\$6,412.42</b>	



# CLAIMS BY VENDOR

06/04/2025

Filter: (Open Claims Only) (Pre-Approved Excluded)

Vendor	Claim Date	GL Obj	Message	Amount	
<b>GL Key: 680600</b>					
COUNTY OF SANTA CRUZ AUDITOR-CONTROLLER	/ /	62301	FY2024/2025 Claims charges (253 @ \$7.92)	\$2,003.76	<input type="checkbox"/>
ERNIE'S AUTO CENTER	/ /	61721	Parts- fluids and filter for all apparatus annuals	\$6,074.84	<input type="checkbox"/>
IHWY, LLC	/ /	62381	Web hosting / Mail Accts for June 2025	\$105.00	<input type="checkbox"/>
ROSS' LADDER SERVICE	/ /	61730	Ladder Testing- completed 05/27/25 (157 ft tested, 52 heat sensors installed)	\$650.80	<input type="checkbox"/>
<b>Total</b>				<b>\$8,834.40</b>	



# CLAIMS BY VENDOR

06/11/2025

Filter: (Open Claims Only) (Pre-Approved Excluded)

Vendor	Claim Date	GL Obj	Message	Amount	
<b>GL Key: 680600</b>					
FIRE RISK MANAGMENT SERVICES- FRMS	/ /	53010	Monthly insurance premium - 2025	\$141.69	<input type="checkbox"/>
GREENWASTE RECOVERY INC	/ /	61425	Garbage & Recycle 05/01-05/31/25	\$150.06	<input type="checkbox"/>
PUBLIC AGENCY RETIREMENT SERVICES	/ /	52015	PARS administrator services for month ending 04/30/25	\$300.00	<input type="checkbox"/>
TERRY MILLER CONCRETE	/ /	86110	Flag pole install, install foundation for bell, sealer and coat all	\$11,790.00	<input type="checkbox"/>
THE POLICE AND SHERIFFS PRESS, INC	/ /	61110	ID Cards- O Garrahan	\$20.00	<input type="checkbox"/>
WEX BANK	/ /	62920	Shell Card billing - fuel purchases	\$1,171.81	<input type="checkbox"/>
<b>Total</b>				<b>\$13,573.56</b>	





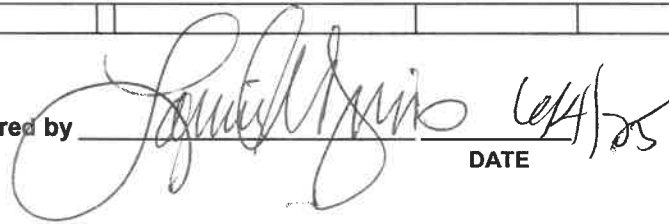


PAYROLL SD 02  
 PAY PERIOD #12  
 GL KEY# 680600

Beg Date: 05/24/25

ATTN: Auditor-Controller  
 End Date: 06/06/25

EMPLOYEE #	NAME	PAY RATE	PAY TYPE	KEY CODE	HOURS	SALARY / TOTAL PAY
800973	Stacie Brownlee	\$46.70	SALARY	888	0.00	\$3,736.00
			Health Benefit Stipend	ILB	0.00	\$461.54
			VACATION	011	0.00	\$0.00
			SICK	022	0.00	\$0.00
803033	Laurie Dennis	\$37.00	REGULAR HOURS	888	24.00	\$888.00
			SICK	022	0.00	\$0.00
<b>DUTY CHIEF</b>						
<b>EMPLOYEE #</b>						
800494	Mike Ayers	\$75.00	PER SHIFT	888	10.00	\$750.00
801757	Matt Sanders	\$75.00	PER SHIFT	888	3.00	\$225.00
		\$75.00	PER SHIFT	888	0.00	\$0.00
		\$75.00	PER SHIFT	888	0.00	\$0.00
800494	Mike Ayers	\$75.00	PER SHIFT	888	10.00	\$750.00
801757	Matt Sanders	\$75.00	PER SHIFT	888	3.00	\$225.00
		\$75.00	PER SHIFT	888	0.00	\$0.00
<b>DAY WORKER- STATION</b>						
<b>EMPLOYEE #</b>						
803842	Garrett Fisher	\$25.00	HOURLY	888	24.00	\$600.00
804095	Audrey Dawson	\$25.00	HOURLY	888	32.00	\$800.00
304086	Elias Steiger	\$25.00	HOURLY	888	16.00	\$400.00
		\$25.00	HOURLY	888	0.00	\$0.00
804095	Audrey Dawson	\$36.88	HOURLY	888	50.00	\$1,844.00
803842	Garrett Fisher	\$25.00	HOURLY/ FELTON-10 hrs	888	50.00	\$1,250.00
803879	Kevin Giannini	\$25.00	HOURLY/ FELTON-10 hrs	888	40.00	\$1,000.00
804074	Jon Sheets	\$25.00	HOURLY/ FELTON-10 hrs	888	30.00	\$750.00
804089	Jordan Velasco	\$25.00	HOURLY/ FELTON-10 hrs	888	40.00	\$1,000.00
		\$25.00	HOURLY/ FELTON-10 hrs	888	0.00	\$0.00
		\$20.00	HOURLY/ FELTON-10 hrs	888	0.00	\$0.00

Prepared by  DATE 6/4/25

Pay Type	Hours	Dollars
REGULAR HOURS	24.00	\$14,218.00
VACATION	0.00	\$0.00
Health Benefit Stipend	0.00	\$461.54
SICK	0.00	\$0.00

**Payroll Batch Control**  
 Employees 10  
 Line Entries 15  
 Total Reg. & Special Hours 24.0  
 Total Regular & Special Amounts \$14,679.54

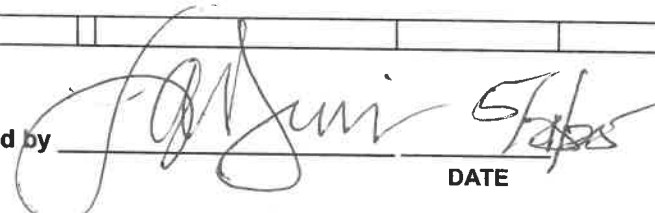
**VOLUNTEER PAY** \$0.00  
**TOTAL** 24.00 **\$14,679.54**

14,679.54 +  
 308.00 -  
 13,791.54 \*

51000 Regular Pay \$14,218.00  
 51015 Sick Pay \$0.00  
 51010 Volunteer Pay \$0.00  
 53010 Emp Ins & Ben \$461.54  
**Total** **\$14,679.54**



EMPLOYEE #	NAME	PAY RATE	PAY TYPE	KEY CODE	HOURS	SALARY / TOTAL PAY
800973	Stacie Brownlee	\$46.70	SALARY	888	0.00	\$3,736.00
			Health Benefit Stipend	ILB	0.00	\$461.54
			VACATION	011	0.00	\$0.00
			SICK	022	0.00	\$0.00
803033	Laurie Dennis	\$37.00	REGULAR HOURS	888	32.00	\$1,184.00
			SICK	022	0.00	\$0.00
<b>DUTY CHIEF</b>						
<b>EMPLOYEE #</b>						
800494	Mike Ayers	\$75.00	PER SHIFT	888	10.00	\$750.00
801757	Matt Sanders	\$75.00	PER SHIFT	888	4.00	\$300.00
		\$75.00	PER SHIFT	888	0.00	\$0.00
		\$75.00	PER SHIFT	888	0.00	\$0.00
800494	Mike Ayers	\$75.00	PER SHIFT	888	10.00	\$750.00
801757	Matt Sanders	\$75.00	PER SHIFT	888	4.00	\$300.00
<b>DAY WORKER- STATION</b>						
<b>EMPLOYEE #</b>						
803842	Garrett Fisher	\$25.00	HOURLY	888	48.00	\$1,200.00
803879	Kevin Giannini	\$25.00	HOURLY	888	24.00	\$600.00
		\$25.00	HOURLY	888	0.00	\$0.00
		\$25.00	HOURLY	888	0.00	\$0.00
804095	Audrey Dawson	\$36.88	HOURLY	888	80.00	\$2,950.40
803842	Garrett Fisher	\$25.00	HOURLY/ FELTON-10 hrs	888	20.00	\$500.00
803879	Kevin Giannini	\$25.00	HOURLY/ FELTON-10 hrs	888	50.00	\$1,250.00
804074	Jon Sheets	\$25.00	HOURLY/ FELTON-10 hrs	888	30.00	\$750.00
804089	Jordan Velasco	\$25.00	HOURLY/ FELTON-10 hrs	888	40.00	\$1,000.00
		\$25.00	HOURLY/ FELTON-10 hrs	888	0.00	\$0.00
		\$20.00	HOURLY/ FELTON-10 hrs	888	0.00	\$0.00

Prepared by  DATE

Pay Type	Hours	Dollars
REGULAR HOURS	32.00	\$15,270.40
VACATION	0.00	\$0.00
Health Benefit Stipend	0.00	\$461.54
SICK	0.00	\$0.00

**Payroll Batch Control**

Employees 9/10  
 Line Entries 14/16  
 Total Reg. & Special Hours 32.0  
 Total Regular & Special Amounts \$16,743.94

<b>VOLUNTEER PAY</b>		
0.00 *	<b>TOTAL</b>	<b>\$1,012.00</b>
		<b>\$16,743.94</b>

16,743.94 +  
 1,184.00 -  
 15,559.94 \*

51000 Regular Pay	\$15,270.40
51015 Sick Pay	\$0.00
51010 Volunteer Pay	\$1,012.00
53010 Emp Ins & Ben	\$461.54
<b>Total</b>	<b>\$16,743.94</b>





**Ben Lomond Fire Protection District**  
Post Office Box 27, Ben Lomond, California 95005  
Telephone: 831-336-5495 Fax: 831-336-0300

<b>TO:</b>	<b>Board of Directors</b>	<b>FROM:</b>	<b>Stacie Brownlee Fire Chief</b>
<b>SUBJECT:</b>	<b>Chief's Report</b>	<b>DATE:</b>	<b>06/18/2025</b>
	<b>Approved</b>	<b>Date</b>	

**Correspondence**

**Administration**

**Operations**

BLFD responded to calls in 65 May/Jun

- Structure (0)
- EMS (33)
- Haz Mat (0)
- Vehicle Acc. (4)
- Public Service (17)
- Smoke Checks (1)
- Other, wires (0)
- Mutual Aide calls (4) Boulder, FEL(3) CTL(1)CZU(1)SCZ(1)
- Wildland (0)

**Training**

- Engine Block


**Logistic**

2203 lifters failed on 1 bank under warranty

**Fire Prevention/Ed**

Firewise Ben Lomond Fire. Condor Firewise



	<b>Ben Lomond Fire Protection District</b>	<b>Policy # 2095</b> <b>Date 3/26/90</b>
	<b>SOP ADMINISTRATION PERSONNEL</b>	<b>TITLE: Bereavement Policy</b> <b>Revision date 6/12</b>

**2095.1** It is the policy of the Ben Lomond Fire Protection District that upon the death of a retired/past member of the Ben Lomond Fire Department, the following shall immediately happen:

**2095.2 DEFINITIONS**

**2095.2.1** Type 1 - Line of Duty Death - Any on-duty fire personnel who suffers a trauma or series fo events that causes rapid deterioration from a healthy state to death.

**2095.2.2** Type 2 - Line of duty Death - Any on-duty fire personnel who suffers a series of events that causes a gradual deterioration from a healthy state to death

**2095.2.3** Type 3 - Off-Duty Incident Death - Any off-duty incident involving a trauma or series of events to fire personnel that causes a rapid or gradual deterioration from a healthy state to death.

**2095.2.4** Type 4 - Current of Past members Death - A member of honorary member of the department of Volunteer Association who is currently active or who has retired in good standing and suffers an event or series of events that results in his or her death.

**2095.2.5** Type 5 - Affiliate of the Department - An individual who has served in some capacity with the department, such a a commissioner, Chief, Secretary, or other job function and does not meet any of the above criteria, but suffers an event or series of events that results in his or her death.

**2095.2.6** Type 6 – A Non-Fire Fighter Individual Honored by the Department - non-fire fighting individual who through employment, volunteer Association, professional or emotional tie suffers an event or series of events that results in his or her death. This may be applied to an individual the department of Volunteer Association wishes to pay a special tribute to for their contribution to the department and/or fire service. This may also be used when an immediate relative of a department member dies.

**2095.3 Responsibilities** - All personnel are responsible to follow the procedures outlined in this SOP when receiving notice of a death of a current of former member.

**2095.3.1** Upon notification, the Fire Chief shall have the fire station flag lowered to half-staff, until after the funeral.



- 2095.3.2** The Fire Chief will contact the family of the firefighter and express condolences on behalf of the entire Ben Lomond Fire Department and District.
- 2095.3.3** The Fire Chief will offer the use of the Fire Station for any memorial service or after service gathering, and then immediately set up all arrangements as requested.
- 2095.3.4** The Fire Chief shall offer to send a fire truck and a firefighter in uniform to funeral, memorial service or gathering, and then follow up immediately with arrangements as requested.
- 2095.3.5** The Fire Chief shall direct the district secretary to send flowers for the funeral to the family from the Ben Lomond Fire Department and District.
- 2095.3.6** The Fire Chief shall contact all members of the Board of Directors within 48 hours of receiving information of the past member's death.





**P. O. BOX 100  
Ceres, California 95307  
Phone (209) 537-4747  
Fax (209) 537-1753**

Captain Nick Burgess

Ben Lomond Fire Department  
9430 Hwy 9  
Ben Lomond, CA 95005

June, 9th 2025

REF: W-M Specifications 690437-0002  
MODEL #: WILDLAND (14CN167WP)  
TYPE # MODEL 14 TYPE III

Cpt. Burgess,

West-Mark is pleased to provide our offer to Ben Lomond Fire Department for a Type III Model 14 Wildland for your consideration. Please refer to our specifications # 690437-0002 for a complete and detailed description of our offer.

Model 14 Type III

Total: \$ 556,000.00 Each Atwater, Ca

The chassis was ordered upon receipt of letter of intent and should arrive in early July. A pre-chassis payment of \$141,907.50 is due and payable upon inspection.

The above pricing does NOT include estimated applicable taxes and freight charges. This offer is good for 30 days. Current standard delivery is approximately 365 days after receipt of Navistar chassis.

Sincerely,  
West-Mark

Chris Portmann, PMBD  
Government Sales



Salesman: Chris Portmann

# Ben Lomond CA Type III - 3-18

Chief Stacie Brownlee



P.O.BOX 100  
CERES, CA 95307  
[www.west-mark.com](http://www.west-mark.com)

PHONE: (209) 537-4747  
TOLL FREE: (800) 692-5844  
FAX: (209) 537-1753

### \*\*\* GENERAL PROVISIONS \*\*\*

The following shall specifications are for a New Type III unit for the Boulder Creek Fire Department. Unit shall Stationary Pump, and Pump and Roll to the performances specified in NFPA 1906.

### NFPA REQUIREMENTS:

It is the intent of these specifications to describe a Fire Apparatus to meet the standards of the 1906 National Fire Protection Association (N.F.P.A.). The apparatus shall conform to all applicable test and delivery data requirements as specified by N.F.P.A. The apparatus shall meet all Federal and State laws and regulations at the time of purchase.

### QUALITY

All material and equipment shall be new and unused. All welding shall be according to A.S.M.E. Standards. All welds shall be free of slag. All workmanship shall be of the highest quality and conform to good manufacturing practices. All bolts shall conform to current S.A.E. Standards, of proper length, and strength, with self locking threaded nut fasteners. Any original equipment manufactured, bolts (i.e., grade 8, flanged head, long- shoulder bolt) removed from the frame during fabrication shall be replaced by the same grade and type, and tightened to the manufactures torque specifications.

All brackets, braces, fittings, and other attachments shall be bolted to the frame of the chassis. If additional bolt holes are required, they shall be drilled through the web of the frame, at least twice the hole diameter distance from the start of the frame flange radius. Insulated metal loops or clips shall be used to secure air, water, fuel, and electrical looms.

### FIT AND FINISH OF UNIT:

All parts shall be laser cut, fit and finish shall unique to the unit.

### BODY WARRANTY:

The manufacturer shall warranty each new Fire Apparatus Body manufactured by it, to be free from defects in material and workmanship, while under normal use and service by the original purchaser, for a period of ONE (1) year from its in service date.

Salesman: Chris Portmann

# Ben Lomond CA Type III - 3-18

Chief Stacie Brownlee

## LIMITED EXTENDED TANK WARRANTY:

A twenty year (20) limited tank warranty shall be provided.

## 10 YEAR EXTENDED WARRANTY:

The Fire Apparatus Body shall have an extended limited warranty to a period of (10) Ten years

## INSPECTIONS:

The manufacturer shall allow for inspections specified by the department. The following inspections shall be scheduled:

One (1) pre-construction meeting (completed 4/16/18)

When eng is complete a DWF and pdf of PE to be delivered to sales for approval, before start of work.

One (1) pre-paint inspection

One (1) final inspection

## APPARATUS ROAD TEST:

The apparatus shall be certified to meet its applicable road test per NFPA.

## DOCUMENTS:

The following items shall be delivered with the completed apparatus:

(2) Two complete chassis manuals on CD

(2) Two Vehicle weight certificate.

(2) Two West-Mark manuals Printed and on CD

## CAB & CHASSIS: INTERNATIONAL FOUR DOOR 4-WHEEL DRIVE

Per Proposal #6604-01

Make/model: International 2024 HV507 SFA 4X4

Wheelbase: 187" Wheelbase

Engine: Cummins L9 330

Trans: Allison 3000EVS\_P 6th generation Controls, 5 Speed W/ Overdrive

Rear axle: Meritor RS-23-160 Single Reduction 23,000 lb Capacity

Front axle: Meritor MX-12-120 Single Reduction 12,000 lb Capacity

Wheels: Aluminum

Includes bug screen at front grille. Chassis frame rails to be Black.

## West-Mark to correct the following items on Chassis when it arrives from factory.

Set Auto Door locks at 0 mph and interlock to unlock doors when transmission is set to Neutral.

Coolant line that loops down in front of harmonic balance shall be secured to cross member.

Main air supply lines going to air tanks that passes under mounting bracket shall have split loom installed.

Wire AM/FM Radio Hot from Battery so it will not lose Programming when the battery switch is turned off.

## ALCOA LUG AND HUB COVERS:

The hubs and lug nuts of the chassis shall have Alcoa chrome plated covers.

## EXHAUST EXTENSION:

The exhaust shall be extended to the right side of the apparatus. The exhaust shall terminate behind the right side rear tires under the body.

## FUEL VENT PLUMBING:

The fuel tank shall have a fuel vent line extending to the rear of the chassis cab.

Salesman: Chris Portmann

# Ben Lomond CA Type III - 3-18

Chief Stacie Brownlee

**EMBER SCREEN FRESH AIR INTAKE:**

The fresh air intake for the Chassis shall have a ember screen to prevent debris from getting lodged in the pocket of the intake. Labels shall be placed on the visor of the chassis and near the location of the screen to alert operators to clear debris from screen.

**WINDOW TINTING:**

All three rear windows, plus the front driver, and front passenger windows shall be tinted with ceramic NNO tint.

**WHEEL BASE CHANGE:**

The wheel base of the unit shall be shortened to 167". All work shall be done in accordance with factory practices. Drive lines shall be re-balance and set to correct specifications.

**CAB AIR NOZZLE:**

The apparatus shall be supplied with one (1) cab air nozzle/s. The 1/4" air line shall tee off of existing air in the cab and be attached to a push button nozzle and have a mounting bracket in a suitable location behind seat. The air line shall be precoiled for ease of stowing in the Chassis cab. Air line shall be DOT rated. Between the Tee connection and the coiled line there shall be a 1/4 turn valve installed.

### FIRE PUMP & ASSOCIATED EQUIPMENT

**PUMP TEST:**

Pump test for 500 gpm pump.

**PUMP:**

A Waterous CPK3 2-stage centrifugal pump shall be installed on the apparatus. Located between the frame rails behind the cab. The impellers, wear bearings and transfer valve are constructed of bronze material. The impeller shaft seal shall be mechanical and self adjusting. The high capacity impellers in the volume position provide 500 GPM at 150 PSI from draft. When operating in the pressure position will provide 60 GPM at 800 PSI.

**PTO PUMP DRIVE AND DRIVE LINE:**

PTO to be direct drive, mounted to the transmission. PTO shift to be an electrically activated hydraulic solenoid valve. Activation shall be from a control located in the cab within easy reach of the driver. A drive line shall be connected from the PTO to the pump. It shall be the proper series and type to meet pump and PTO manufactures specifications.

**PRIMER:**

The priming pump shall be a positive displacement, oil-less rotary vane electric motor driven pump conforming to the requirements of NFPA 1901. The pump body shall be manufactured of heat treated anodized aluminum for wear and corrosion resistance. The pump shall be capable of producing a minimum 24 Hg vacuum at 2000 feet above sea level. The electric motor shall be a 12 Volt DC totally enclosed unit. The priming pump shall not require lubrication. The priming pump shall be operated by a single push-pull control valve mounted within easy access of the operator. The control valve shall be of all bronze construction.

**TRANSFER VALVE:**

Rotary type, bronze valve, supported with oilite bearings, operating in a bronze renewable sleeve. Pneumatic controls for the water pump transfer valve shall be located at the pump operator's panel.

**\*\*\* SUCTIONS \*\*\***

The following suctions shall be provided:

Salesman: Chris Portmann

# Ben Lomond CA Type III - 3-18

Chief Stacie Brownlee

## **SUCTION LEFT SIDE:**

One (1) 2.50" suction inlet Valve, ELKHART #EB25-HF01B-NF02D-D4F located on the left side of the apparatus shall be provided. Inlet shall be a drop out style valve with female hose thread swivel, chrome plated adapter with screen, plug and chain. Suction valve shall have a pull type drain valve.

## **SUCTION LEFT SIDE:**

One (1) 4.0" suction inlet located on the left side of the apparatus shall be provided. Inlet shall have a chrome plated adapter 4" MNST X 4" FNPT with screen, chrome plated NST rocker lug cap and chain.

## **SUCTION RIGHT SIDE:**

One (1) 2.50" suction inlet Valve, ELKHART #EB25-NF02D-HM21D-00F located on the right side of the apparatus shall be provided. Inlet shall be a drop out style valve with female hose thread swivel, chrome plated adapter with screen, plug and chain. Suction valve shall have a pull type drain valve.

## **\*\*\* DISCHARGES \*\*\***

All valves will be manufactured by Elkhart. All 2 1/2" discharges shall have 30 degree droops, caps, and chains. All plumbing shall be constructed with stainless steel schedule 40 pipe or heavy duty flexible hose. All discharges will drain through the master drain. Victaulic style couplings shall be used as required for ease and accessibility to perform repairs and maintenance.

## **DISCHARGE LEFT SIDE(TOP):**

One (1) 1.50" discharge valve ELKHART #EB15-NF01B-HM01B-D4F located on the left side shall be provided. Plumbing that supplies the valve shall be 2" sch 40 stainless steel pipe. Valve shall have a chrome plated rocker lug cap and chain.

## **DISCHARGE LEFT SIDE:**

One (1) 2.50" discharge Valve ELKHART #EB25-NF01B-HM21D-T1F located on the left side shall be provided. Discharge valve shall have a chrome plated drop snoot with chrome plated rocker lug cap and chain. Valve shall be supplied by sch 40 stainless steel pipe directly off the discharge manifold of the pump.

## **DISCHARGE RIGHT SIDE(TOP):**

One (1) 1.50" discharge on the right side shall be provided. Plumbing to the discharge shall be 2" Sch 40 stainless steel pipe. A chrome plated cap and chain shall be provided with the discharge.

## **DISCHARGE RIGHT SIDE:**

One (1) 2.50 discharge Valve Elkhart #EB25-NF02D-HM21D-00F located on the right side shall be provided with a chrome plated droop snoot with chrome plated rocker lug cap and chain. Valve shall be supplied by sch 40 stainless steel plumbing off the discharge manifold.

## **DISCHARGE LEFT REAR(TOP):**

A 1.50" discharge valve shall be provided at the rear left side of the apparatus. Plumbing to valve shall be 2" schedule 40 T-304 stainless steel pipe. The rear discharge shall be plumbed off of 2" schedule 40 stainless steel manifold. A section of 2" Aeroquip hose for body flex shall join the upper manifold plumbing with the lower plumbing. Valve shall be operated at the rear of the apparatus.

## **LEFT BUMPER DISCHARGE:**

One (1) 1.50" discharge valve located at the left front bumper above diamond plate out board of frame rail shall be provided. Valve shall be controlled at the bumper. Front discharge plumbing manifold to valve shall be 2" schedule 40 T-304 stainless steel. The supply line to the front discharge plumbing shall be 2" Aeroquip. A pet cock drain shall be installed in the stainless steel front discharge plumbing to drain water from the line. Chicksen that sticks above the front bumper is not to be painted.

# Ben Lomond CA Type III - 3-18

Chief Stacie Brownlee

## **RELIEF VALVE:**

Relief valve shall be made of high-strength bronze alloy and be mounted directly to the pumping system connecting the discharge side of the pump to the intake side of the pump. Relief pressure control is operated from the console in cab. It shall have a large hand knob pressure setting control, a removable pilot valve strainer accessible from the cab console. Relief On/Off selector valve allows the relief valve to close by turning off the pilot pressure that operated the relief valve. Selector valve shall be mounted integral with pressure control.

## **PUMP ANODE:**

A pump anode shall be installed in the pump or pump manifold. Anode shall meet MIL-A-24779.

## **TEST PORTS:**

Vacuum/Pressure connections for testing the water pump shall be provided. Connections shall be located on the pump panel.

## **CAB MOUNTED PRESSURE GAUGES:**

A CLASS ONE back lit pressure gauge shall be provided in the cab for pump and roll capability. The gauge shall be white faced with black lettering. The gauge shall have a pressure range of 30-0-600 psi.

## **REMOTE HAND THROTTLE:**

A Fire Research Corporation (FRC) ThrottleXcel ELA200 series remote hand throttle shall be installed. The control module shall be waterproof, with a display panel integrating a remote hand throttle and engine monitoring system. The unit shall not exceed 4 5/8" in width and 6 3/4" in height.

The control knob shall be used to manually adjust engine RPM or maintain a constant RPM in governor control mode. The knob shall have a red idle push button in the center for quickly returning the engine to idle. The system shall interface with the engine via J1939 CAN Bus communication and be compatible with multiple engine types,

The remote throttle shall have interlock signal recognition with a "Throttle Ready" LED indicator. The system shall display real-time engine parameters using LED bar graphs for oil pressure, engine coolant temperature, transmission temperature, and battery voltage. A message display shall provide additional information, including fault codes, system diagnostics, and stored engine data.

The unit shall feature an optional high-idle function, activated when appropriate interlocks are met. The ThrottleXcel shall return to engine idle when the interlock signal is recognized, regardless of the control knob position.

The remote hand throttle shall be programmed to interface with a specific engine type and allow customization via an FRC field programming unit.

## **14" EXTENDED FRONT BUMPER:**

The front bumper shall be extended 14" for a winch, and (2) Two storage trays. One (1) on the left side, and One (1) right side for discharge hose. It shall be constructed of .188 aluminum tread plate. Provisions for a winch shall be provided.

## **WINCH, 12000# CAPACITY,**

One (1) Warn model ZEON XD 12-S 12 volt DC with rotating ring gear and stainless steel clutch lever equipped with 3/8" x 80' Spydura Pro synthetic rope housed in a black anodized aluminum fairlead. There shall be a 12 foot corded remote with LED feedback, including HUB wireless receiver for Bluetooth control via the WARN HUB app. Extra rope kit shall be provided.

## **HEAT EXCHANGER:**

Heat exchanger (Indirect Cooler) shall be provided and controlled at the pump panel left side (operator location). The heat exchanger improves the chassis cooling system while the engine is operating at a high rpm and the vehicle is stationary. Control shall be mounted next to the Foam Pressure release drain at the operators panel and Labeled

# Ben Lomond CA Type III - 3-18

Chief Stacie Brownlee

## **AIR OUTLET:**

An air outlet with bulkhead fitting and C20 air coupler, plumbed from apparatus compressor. The outlet shall be located at pump operator's panel left side. A small ball valve to turn off the air supply shall be located behind the panel as an emergency shut off. Front panel return shall have hole cut in it to access the valve. Label for air connection to state under it "SHUT OFF BEHIND PANEL".

## **BACK PACK FILLER / TANK FLUSHER**

A 1-1/2" back pack filler, tank Flusher shall be installed at the left pump panel area. There shall be a main shut off valve located directly off of the tanks sump below the TTP (Tank to Pump) intake port. A clear PVC re-inforced line shall run to the operators panel to a valve located behind the panel. Valve shall be controlled by means of push pull at the operators location. Valve shall terminate with a 1-1/2 MNST adapter, a 1-1/2" FNST x 3/4" Male hose thread adapter with cap and chain shall be supplied and installed.

## **THERMAL RELIEF PROTECTION VALVE: Discharged to ground**

A Thermal relief protection device shall be included on the pump. Valve shall monitor pump water temperature and opens to cool the pump, there by protecting the pump from overheating caused by "deadheading". The valves automatic nature shall minimize the need for operator attention to overheating during pump operation. The TRV120 automatically dumps a controlled amount of water to the ground when the pump water temperature exceeds the preset value of the relief valve. The preset value of the relief valve shall be 120 degrees Fahrenheit or 49 degrees Celsius. The components of the thermal protection device shall be manufactured of brass and stainless steel and be compatible with most foam concentrates. The thermal protection device shall have a hydrostatic test rating of 600 PSIG (41 BAR).

## **MASTER DRAIN:**

A manifold drain valve shall drain all points of the pump simultaneously with a single control located at the pump panel left side (operators location). The master drain shall be designed to have isolated ports.

## **DIRECT TANK FILL:**

One (1) 1.50 direct tank fill located at the operators panel shall be provided. Inlet shall have a chrome plated adapter with screen, plug, and chain.

## **TANK FILL:**

One (1) 2" tank fill with a push/pull control shall be provided. Valve control lever shall be accessible and within easy reach of operator at pump panel.

## **TANK TO PUMP:**

A Elkhart 2.50" tank to pump valve shall be provided. Suction line shall have a 3" ID PVC corrugated hose between the tank sump connection, and the pump suction to allow flex between the tank and the main plumbing. All other plumbing shall be Stainless steel. Check valve shall be a 2-1/2" Bronze check mounted in line to stop water from entering the tank if supplied by a pressurized source at an intake connection. Valve shall be air operated, controlled from the operators panel.

## **FOAM MANIFOLD:**

A 2-1/2" T-304 Stainless steel foam manifold discharge shall be provided. The manifold shall supply foam to all 1" and 1-1/2" discharges. The flow rate indicator installed in the manifold shall be rated to match the foam proportioning system selected.

## **FOAM MANIFOLD DRAIN:**

A Class One 1/4 turn drain valve shall be installed at the operators pump panel to release pressure trapped in the foam manifold after pumping.

Salesman: Chris Portmann

# Ben Lomond CA Type III - 3-18

Chief Stacie Brownlee

## FOAM SYSTEM:

FOAM-PRO Model 2001 with a 2" HYPRO FLOWMETER TEE Model 2660-0021.

FOAM-PRO GPM/Totalizer display along with the foam on/off switch and foam concentrate tank low level light, shall be mounted in the master gauge panel. A check valve shall be provided in the discharge line to isolate the foam from the rest of the water plumbing. Foam discharge line shall be equipped with a 3/4", brass drain valve.

Maximum foam concentrate capacity at 150 psi	2.6 GPM
Maximum operating pressure	400 psi

Accurate Proportioning percentage range from 0.1 to 3.0 plus  
Push button control

Maximum Water flow capacities at different percentage settings, water flows are dependant upon water pump selection.

0.2 percent, 1300 GPM  
0.5 percent, 520 GPM  
1.0 percent, 260 GPM  
3.0 percent, 85 GPM

Unit shall be preset to .1 percent as the default ILO .5 from factory default.

## FOAM TANK:

A 16 gallon stainless steel foam tank with stainless steel support frame and bolted down. Foam tank shall have a 6" fill with removable screen.

## CONTROL CONSOLE:

A cab control console shall be installed in the cab between the front seats.

## MAP BOX FOR CONSOLE:

The map box shall be recessed in the right top portion of the console shall have no dividers.

## MAP BOX AND HAND RADIO MOUNT EXTERNAL FOR CONSOLE:

Front Extension off console shall be configured so that Bendix king radio mounts just in front of main console centered with PTT on each side and 12 VDC power points just in front of the PTT locations. The Siren Control head shall mount in front and to the left of the Bendix king radio so that there is room for customer to mount an iPad bracket. An internal Bracket shall be fabricated of aluminum that bolts into the front portion of the console for customer mounting of iPad mount. Hand radio Mount shall be (4) Four pocket design located directly behind the center console full width. Dividers shall be placed so that 4 hand held radios with chargers can be housed in mount. A drawing for Sign off shall be supplied to department before production begins.

## \*\*\* GAUGES & CONTROLS: \*\*\*

The following gauges shall be mounted on the Unit. All gauges and controls shall be clearly identified with color coded marker plates.

## WATER TANK VOLUME INDICATOR:

Fire Research TankVision model WLA 300-A00 tank volume indicator kit shall be installed. The kit shall include an electronic indicator module, a pressure sensor, and a 12' sensor cable. The indicator shall show the volume of water in the tank on nine (9) easy to see super bright LEDs. A wide view lens over the LEDs shall provide for a viewing angle of 180 degrees. The indicator case shall be waterproof, manufactured of aluminum, and have a distinctive blue label.

Salesman: Chris Portmann

# Ben Lomond CA Type III - 3-18

Chief Stacie Brownlee

The program features shall be accessed from the front of the indicator module. The program shall support self-diagnostics capabilities, self-calibration, and a data link to connect remote indicators. Low water warnings shall include flashing LEDs at 1/4 tank, down chasing LEDs when the tank is almost empty, and an output for an audio alarm.

The indicator shall receive an input signal from an electronic pressure sensor. The sensor shall be mounted on the outside of the water tank near the bottom probe shall place on the interior of the tank. Wiring shall be weather resistant and have automotive type plug-in connectors.

## **CLASS A FOAM TANK VOLUME INDICATOR:**

Fire Research TankVision model WLA 360-A00 tank volume indicator kit shall be installed. The kit shall include an electronic indicator module, a pressure sensor, a 12' sensor cable and a tank vent. The indicator shall show the volume of Class A foam concentrate in the tank on nine (9) easy to see super bright LEDs. A wide view lens over the LEDs shall provide for a viewing angle of 180 degrees. The indicator case shall be waterproof, manufactured of aluminum, and have a distinctive green label.

The program features shall be accessed from the front of the indicator module. The program shall support self-diagnostics capabilities, self-calibration, and a data link to connect remote indicators. Low foam warnings shall include flashing LEDs at 1/4 tank, down chasing LEDs when the tank is almost empty, and an output for an audio alarm.

The indicator shall receive an input signal from an electronic pressure sensor. The sensor shall be mounted on the outside of the foam tank near the bottom probe shall place on the interior of the tank. Wiring shall be weather resistant and have automotive type plug-in connectors.

## **\*\*\* WATER TANK \*\*\***

### **TANK:**

To be a minimum of 500-gallon capacity. Removable lids shall be provided. The tank lids shall be installed utilizing stainless steel 5/16" studs on approx. 3" centers. Studs shall not protrude into the water tank. Sealing gasket to be provided. Sealing compound shall be a non-hardening type. Baffles shall be provided to minimize water movement within the tank. A strainer, sand trap and drain shall be installed at the low point of the tank bottom. A drain shall be provided in tank suction line. The suction is to be as close to the center of the tank bottom as the truck frame members and drive line allow. Tank shall have 1/4" wheel wells for rock protection made of T-304L grade stainless steel..

Water tank shall be constructed of 10 gauge T-304L Grade Stainless steel materials. An anode shall be placed in each quadrant of the tank. Anodes shall be Alum MIL-A-24779 part number E3-8600090 per Customers request.

Fill tower: located at the front of tank with integral overflow to discharge behind rear wheels, and a removable screen. The fill tower assembly shall be bolted to the top of the tank utilizing stainless steel 5/16" studs on approx. 3" centers..

Sump: A sump located near the center with a stainless steel screen. Sump sediment catch depth shall be 4" below tank to pump drafting point. The Screen in the sump shall have no Holes in this portion so that sand is not pulled into the TTP outlet.

Tank under-structure and crossmembers shall be a stainless steel hat section design. Main rails shall be 7 gal. T-304L grade and cross-members shall be 10 gal. T-304L grade stainless steel.

The two main rails shall be welded to bottom of tank from front to rear of cabinetry, to help support the attached cabinetry. The rails shall have 1/2" x 3" vulcanized rubber sills. The rubber sills will be used as a cushion between the chassis rails and the water tank. The entire assembly shall be mounted to truck chassis using four (4) spring-loaded dual spring shock assemblies with SAE Grade 8 bolts and nylock nuts. The springs shall 4" free length.

# Ben Lomond CA Type III - 3-18

Chief Stacie Brownlee

## **PUMP PANEL:**

Roadside pump panel shall consist of the following items:

- A. One (1) lower 12 gauge stainless steel step panel, approximately 20-1/2"W, 30-1/2"H, 7-1/2"D, with two (2) 12 gauge stainless steel formed sided support gussets. The entire step panel to be mounted directly to two (2) 2" square tubing operator stand outriggers. The step shall have stainless steel grip grating.
- B. One (1) Stainless steel gauge panel. This panel to be removable for ease of service and mounted to the upper portion of the operator's area.
- C. Three (3) 14 gauge #4 stainless steel valve trim plates. Mounting to be removable for ease of maintenance of valves.

Curbside pump panel shall consist of the following items:

- A. One (1) 12 gauge stainless steel upper panel, 20-1/4"W, 19"H, to be removable and mounted at the bottom, to the operator compartment.
- B. Two (2) 14 gauge #4 stainless steel valve trim plates mounting to be removable for ease of maintenance of valves.

## **PUMP MODULE:**

The apparatus body and pump module shall not be fastened together in any manner. The pump module shall be constructed using all carbon steel material. The pump module shall be bolted directly to the chassis frame rail.

## **COMPARTMENT, RIGHT SIDE PUMP PANEL:**

Compartment with vent. Fabricated from 14 gauge T-304 #4 Stainless steel. Located on the right side, under operator stand and shall consist of: One (1) compartment 20"W, 18-1/2"H, 17"D.  
One (1) steel body bracket with steel support angles for upper support. Compartment steps shall be formed as part of compartment floor with side support gussets. Compartment door to be "flush" style with recessed flanges. Constructed from 12 gauge T-304 Stainless steel sheet. Door to have weather tight seal. Hinge to be heavy duty stainless steel. Door latch to be a large stainless steel locking "D" Ring handle.

## **PUMP PANEL LIGHTS:**

Pump panel lights shall be installed on the left & right side pump panels.

## **UNDER CAB COMPARTMENT:**

One (1) compartment shall be installed under the cab rear door. The compartment shall be constructed of #4 brushed stainless steel. A stainless steel door with a slam latch, D-ring handle and stainless steel hinge shall be provided.

## **BRASS FITTINGS COMPARTMENT:**

Compartment shall be fabricated from 14 GA. Brushed Stainless steel with sweep out floor. Compartment to be located left side under cab. Dimensions of compartment shall be approximately 29"W x 17"H x 23"D. Compartment door shall be fabricated from stainless steel, with a full pan. Door latch to be a large stainless steel locking "D" Ring handle. Door hinge to be heavy duty stainless steel continuous type hinge with 1/4" pins and 1" joint length. Door to have a weather tight seal. Compartment shall be vented. Compartment shall have a slide-out .125 aluminum tray, mounted to Grant sliders. Fittings tray to be 18"W x 20"D, with 5-1/2" flanges on sides. A gas prop shall be used to secure the tray in the open or closed position.

Tool holders shall consist of: Six (6) 5/8" radius x 1" wide formed .125" aluminum J-hook style tool holders. These items shall be shipped loose for department to mount.

Salesman: Chris Portmann

# Ben Lomond CA Type III - 3-18

Chief Stacie Brownlee

Note compartment dimensions will alter slightly due to DEF tank placement, every effort shall be made to keep dimensions as close as possible to last units built.

## **BODY-GENERAL:**

### **MAIN BODY:**

All compartments shall be fabricated of 14 gauge zinc coated steel with sweep out floors. Compartments shall be vented and be the approximate sizes listed below..

Compartments to be located as specified:

#### **A.) Left side compartments:**

One (1) behind rear axle, 26"W X 35"H X 23"D.

#### **B.) Right side compartments:**

One (1) behind rear axle, 26"W X 35"H X 23"D.

#### **C.) Rear compartments:**

One (1) in the center, split by one (1) removable shelf. Top section, 38"W X 23"H X 36"D.  
Bottom section, 24"W X 10"H X 27"D.

## **LONG TOOL COMPARTMENTS:**

One (1) above left rear axle, Approximately 71"W X 16"H X 14"D.

One (1) above right rear axle, Appoximately 71"W X 16"H X 14"D.

The width of the cabinet is determined by option selected for configuration.

## **LIFT-UP WILDLAND STYLE COMPARTMENT DOORS:**

Doors shall be Overlap lift-up (double pan) style. Door outer panel shall be constructed of 14 gauge carbon steel. Door inner panel shall be constructed of 14 gauge carbon steel. Door to have a seal around the perimeter of the door opening providing a weather tight seal. Hinges to be heavy duty stainless steel continuous-type with 1/4" pins and 1" joint lengths. Door latches to be Eberhard 3-206U "SlamType" with adjustable bronze strikers and stainless steel locking "D" ring handles. Door shocks shall be gas door holders with ball studs and clips.

## **SINGLE WILDLAND STYLE COMPARTMENT DOORS:**

Doors shall be flush double pan style. Door pans to be constructed of 14 gauge carbon steel sheet. Door outer panel shall be constructed of 12 gauge carbon steel. Door to have a seal around the perimeter of the door opening providing a weather tight seal. Hinges to be heavy duty stainless steel continuous-type with 1/4" pins and 1" joint lengths. Door latches to be Eberhard 3-206U "Slam Type" with adjustable bronze strikers and stainless steel locking "D" ring handles. All doors shall have Hansen #5 door retainers.

## **COMPARTMENT SHELVES:**

Two (2) each adjustable shelves to be constructed of .188 aluminum with 1-1/2", 90 degree breaks on four sides. Shelf corners shall have (4) four aluminum angle mounting brackets, bolted to Unistrut channels to allow adjustment of shelf height. Shelves will be designed to fit in the right and left side rear compartment on the body.

## **FENDER MOLDINGS:**

Rear fenders to have black rubber fender moldings.

## **SIGNAL LIGHTS:**

A set of 4" LED S/T/T lights shall be installed on the rear of the apparatus.

Salesman: Chris Portmann

# Ben Lomond CA Type III - 3-18

Chief Stacie Brownlee

One (1) amber LED turn signal shall be installed on the left and right rear side of the apparatus.  
One (1) red LED driving/stop light shall be installed on the left and right rear side of the apparatus.  
One (1) clear LED backup light shall be installed on the left and right rear side of the apparatus.

## **REFLECTORS:**

Red reflectors and LED clearance lights shall be provided.

## **COMPARTMENT LIGHTS:**

A door operated compartment interior light, centrally located, shall be provided in each compartment.

## **CHOCK BLOCKS:**

Two (2) wheel blocks Folding SAC-44 with mounting brackets shall be provided and mounted under the rear body just behind the rear wheels.

## **SCBA STORAGE:**

Compartment for 4 each SCBA bottles shall be fabricated of 12 gauge of galvanized steel and mounted in the rear center upper portion of the compartment with the following dimensions per bottle storage 12" x 14" x 24" deep.

## **STORAGE BOXES ABOVE COMPARTMENT "A":**

Two storage compartments shall be fabricated of .125 Aluminum Diamond plate. Storage boxes shall be approximately 14" Deep x 19" Tall x 78" Long. Boxes shall have Aluminum lids with gas props to hold them in the open position with a positive latching mechanism. The curbside unit a storage compartment accessible from the rear of the unit to house the tree trimmer power unit and its extensions.

## **BATTERY BOX:**

A battery box that has a capacity for 3 batteries shall be provided. Box shall be located behind the Engineers compartment and be fabricated so that it shall tip down for service. A removable panel shall be installed so that if Batteries need to be removed it allows easier access to them.

## **ALUMINUM DIAMOND PLATE:**

Aluminum diamond plate shall be provided to protect the following areas.  
Front of the body each side next to module.

## **BACKBOARD COMPARTMENT:**

The backboard compartment shall be constructed of .125 aluminum sheet. It shall be a formed compartment designed to mount to the under side of the right hose bed lid.

## **REMOVABLE HOSEBED SHELF:**

A removable hose bed shelf shall be fabricated from 1/4" aluminum and installed on the roadside hose bed. Shelf shall be fabricated so that when not in use may be stowed on the underside of the corresponding hose bed lid.

## **HOSEBED COVER:**

Two (2) hose bed storage covers shall be provided. The covers shall be constructed from .125 aluminum tread plate. Full length stainless steel hinges shall be provided on each cover. Stainless steel handles and hand rails shall be installed to assist in opening the covers. Covers to be made of NFPA tread plate, and hinge in towards hose ladder storage compartment.

## **HOSEBED END COVERS:**

Two (2) hose bed end covers shall be provided made from 20 oz. vinyl. End covers to have straps and strap hooks with spring loaded tension catches. Straps shall be sew in as far to the outer edges as possible and 3/8" stainless steel round bars shall be sewn into the bottom cuff for weights. Color to be BLACK.

Salesman: Chris Portmann

# Ben Lomond CA Type III - 3-18

Chief Stacie Brownlee

## **HOSEBED DIVIDER LEFT SIDE:**

An aluminum hose bed divider shall be installed on the left side of the hose bed. Divider shall be used as a partition for the 1.50" rear discharge for storage of 150 feet of 1-3/4" DJ hose. The partition shall be free standing at the rear of the hose bed.

## **STAINLESS STEEL TRIM PACKAGE:**

Stainless steel trim shall be installed on the apparatus in the following locations:

Rear of the hose bed, bottom of all compartment floor edges, on the left and right side of the apparatus and under the hose reels. Piece under reels shall have a section that will cover front of tank.

## **ALUMINUM CHASSIS FUEL TANK COVER:**

Aluminum tread plate trim on fuel tank wrap cover shall be installed on the left side of the cab.

## **DISCHARGE CROSSLAY:**

One (1) 1.50" crosslay preconnect (live line) shall be plumbed to the hose compartment above the pump panels. Hose compartment to hold 200 feet of 1-3/4" DJ hose. The crosslay preconnect shall be equipped with a inline ball type, 1 1/2" full flow discharge valve with 2" schedule 40 T-304 Stainless steel plumbing and full flow swivel elbow outlet. The crosslay shall be controlled from the left and right side. Crosslay hose storage assembly shall be pushed back to allow 2 more inches of clearance between the cab and the crosslay panels.

## **CROSSLAY STORAGE:**

Storage shall be provided for one crosslay live line to accommodate up to 200 ft. Of 1-3/4" Double jacket hose. Crosslay cover shall be able to support the weight of 500 lbs.

## **CROSSLAY END COVER:**

Two (2) 20 oz. Vinyl hose compartment Custom end covers with retaining straps. Quick deployment hooks shall be fasten to the tarps straps. Footman loops shall be secured to the body to secure the covers in place. Color to be BLACK.

## **HOSEBED SLATS:**

Main hose beds and crosslay shall have removable aluminum slatted floors, with a minimum thickness of 3/4".

## **COMPARTMENT FOR SUCTION HOSE & LADDER:**

A suction hose and ladder compartment shall be fabricated from a .125 aluminum, installed in the center of the hose bed. Compartment to act as hose bed cover supports. Upper Suction hose compartment shall accommodate three hoses, (2) 7' and (1) 5' lengths of 3" or 2-1/2" suction hose with rocker lug type couplings. Litter compartment on the road side shall house department standard litter for Wildlands. Ladder compartment on the curb side shall accommodate a Duo-Safety 912 series 16 foot 3 section extension ladder. Ladder storage area shall have Teflon wear plates installed in the compartment, one on the floor and one on the side to protect the ladder from galling while being stowed and removed. Compartment shall also accommodate one (1) 6 foot fiberglass pike pole holder and one digger bar mount. Aluminum diamond plate top to be fabricated from NFPA Tread Plate.

## **HOSEBED LIGHTS:**

Two compartment interior clear lights shall be installed at the front and rear, inside of the hose bed. Lights to be activated by a switch located on the left pump panel.

## **EXTENSION LADDER:**

A Duo-Safety series 912-86 16' 3-section aluminum extension ladder shall be installed on the apparatus. The ladder shall be 86" closed and open to 16 feet in length weight shall be 65#. The series 912 ladder is fabricated of 3-1/4" channel rail, 750 lb. duty rated.

# Ben Lomond CA Type III - 3-18

Chief Stacie Brownlee

## **REAR STEP & TOW LOOPS:**

The rear step shall be min nine inches wide with removable West-Mark Perforated Stainless steel Tread running the full width of the unit. The center portion of the bumper/step shall have a swing down Stainless step for easier access to rear of the unit. Swing down step shall extend beyond the upper step by three inches to create a more accessible stepping surface. The complete assembly shall be bolted directly to the chassis frame rails. There shall be two (2) each 3/4" plate fabricated tow loops bolted directly to the Chassis frame rails and cross member of the bumper. A Hose Roller Reciever shall be installed on the left side under rear bumper. Entire Under assembly shall be powder coated silver.

## **FRONT BUMPER:**

A Stainless steel front bumper shall be installed on the front of the apparatus. Include holes for license plate mounting on curbside front face.

## **ELECTRICAL:**

All applicable electrical testing in accordance per NFPA shall be performed on the unit prior to delivery. A copy of these test forms shall be present with-in the truck manual.

## **ELECTRICAL SYSTEM INTEGRATION:**

The body electrical system shall be designed to utilize the International Diamond Logic Electrical System. The Electrical system shall be installed by factory certified level three facility. The integrated electrical system will be comprised of the vehicles (ESC) Electrical System Controller, Power modules and engineered harnesses system. These components interface to the apparatus components through the J1939 data link. The use of Advanced Logic Integration shall link all vital electrical functions of the build up together. Including but not limited to the PTO controls, Emergency lighting, Work lighting and Compartment lighting.

## **(ESC) Electrical System Controller:**

The ESC communicates with the switch packs on the switch data link, controllers from other features on the power train link and remote power modules on the body builder data link. It also receives inputs from various sensors and hard-wired inputs throughout the apparatus. The ESC converts these inputs, in accordance with the programmed "rules", into data to be transmitted on the data links. It is also the power source for circuits that feed the components, controlled by the multiplexed switches, inside and outside of the cab.

## **(RPM) Remote Power Module:**

Remote Power Modules provide a method of distributing and controlling power to various device loads on the apparatus, outside the cab, without running high current wires from in-cab switches to the loads or splicing into existing wiring. The RPMs are connected to the ESC via the Body Builders J1939 data link. The only wires connected to the RPMs are battery power for driving the loads, the data link cable and connections to the load devices being operated by the RPM. Power is fed to the RPM through a fusible link to the battery source. Because the RPM is connected to the ESC via the data link, it also serves as an "integration gateway" to the ESC and the vehicles electrical system. The use of this system allows information from body accessories and the chassis to communicate and process for interlocks, operator warnings and ect.

## **WIRING HARNESSSES:**

Separate wiring harnesses shall be provided for the left and right side of the body, pump panel and the cab. Wiring to be circuit function imprinting. Wiring shall be installed in a loom. Harnesses where connected to the chassis' electrical system shall be equipped with Deutsch type contacts/connectors.

All wiring used by Body builder shall be type GXL cross-link wire.

The complete body electrical system shall be documented and contain independent circuit diagrams with point wiring information, as well as a general component diagrams.

# Ben Lomond CA Type III - 3-18

Chief Stacie Brownlee

## **MAP LIGHT:**

One (1) gooseneck type map light shall be installed in cab on the right side, passenger location. A red lens shall be provided with the map light.

## **LICENSE PLATE:**

Rear license plate light LED and bracket shall be provided.

## **BACK-UP ALARM:**

POLLAK #41-720 or equal back-up alarm shall be wired into the backup light circuit. Alarm shall meet SAE J994 Type D standards.

## **LOW VOLTAGE MONITOR:**

A low voltage indicator shall be installed on the operators panel. Audio/Visual indicators alert the operator when the battery voltage is low.

## **ELECTRICAL LOAD MANAGER:**

The apparatus shall be programmed with an Electrical Load Manager (ELM) for performing electrical voltage load management through the Electrical System Controller (ESC) of the Chassis. The ELM shall be a programmed part of the International Diamond Logic Electrical System. The ESC of the unit shall monitor and control the electrical loads per the ELM programming through Multiplexing of the Data Links. The ELM programming shall be set to control (6) Six loads according to the voltages which are present. A flashing warning light for low voltage and battery discharge shall be at the pump panel and be activated by the ESC when voltage drops below 11.9 volts. Specific electrical outputs shall be shed (turned off) or loaded (turned on) per the following sequential order:

- 1) Ground illumination
- 2) Compartment lights
- 3) Low voltage alarm
- 4) Left work lights
- 5) Right work lights
- 6) Rear work lights

Voltage must drop below the shed point for 60 seconds before a load will shed. Voltage must be above the shed point for 300 seconds before a shed load will unshed. A cycle of the key state shall reset the ELM to all on. An RED dash indicator labeled LOW VOLTS shall illuminate once the ground illumination has been shed. The same dash indicator shall flash slow once the compartment lights are shed and shall flash fast once the low voltage alarm is active.

## **HEADLIGHT FLASHER:**

A Headlight Flasher shall be provided and controlled from the position 3 of the slide bar. The head light flasher shall be an integral part of the chassis. No mechanical relays or flashers shall be used to accomplish the alternating headlight function. The head light flasher shall be automatically activated when the siren control head is in position three and the parking brake is released. The head light flasher function when activated shall automatically shut down when a request for high beams is present with the head lights on or the parking brake set.

## **SCENE LIGHTS:**

Three (3) scene lights shall be installed on the apparatus. Lights shall be RIGID LED D2 Wide with rotating base. One (1) light shall be installed on the cab mounted on the rear, mounted so it is FLUSH WITH TOP OF CAB, and wired to a RPM. Two (2) lights shall be installed at the rear of the apparatus wired to a RPM located at the rear of the unit. Lights shall be activated by switch in the cab dash ( REAR SCENE). All lights shall be integrate with chassis multiplexing system and load managed. Switch shall have its own indicator light that shall illuminate when the lights has been activated. The indicator of the lights when requested on but shed due to the load manager shall flash slow if the light has been shed due to low voltage. Switch light shall flash fast if there is a fault on the circuit of the corresponding light. The (2) two rear

Salesman: Chris Portmann

# Ben Lomond CA Type III - 3-18

Chief Stacie Brownlee

lights mounted at the back of the body shall be activated automatically when the chassis transmission is put in reverse and the parking brake is released.

**SPEAKER:**

One (1) 100 watt siren speaker/s shall be mounted in the front roadside area of the unit.

**AIR HORN:**

A Grover Model #1510, chrome plated brass, stuttertone air horn shall be supplied.

Air horn shall have an electrically activated air solenoid valve, activated from foot switches located in the cab, one (1) within easy reach of the driver and one (1) for the passenger.

Drivers foot switch shall be active at all times when engine is running and Captains shall be active only when slide bar is in position 3 located on the siren control head. Air Horn to be mounted directly behind front bumper, curbside, pointing forward beside frame rail.

**12 POWER POINT:**

There shall be Five (5) 12 Volt DC USB power supplies provided inside the cab and shall be wired "Hot" through the Charge Guard with individual breakers. Three shall be located on the center console directly to the rear of the relief valve controls all in a row evenly spaced. The other two shall be loacted off brackets one for each rear passenger seat.

**N.F.P.A. LIGHTING, LED:**

A WHELEN N.F.P.A. certified lighting package shall be provided. Each light shall be mounted in a chrome plated bezel.

Lower Zone A: 2 ea. M6R LED Flasher Red: Warning light. Include M6FC Flange Chrome.

Lower Zone B: 2 ea. M6R LED Flasher Red: Warning light. Include M6FC Flange Chrome.

Upper Zone B: 1 ea. M6R LED Flasher Red: Warning light. Include M6FC Flange Chrome.

Upper Zone C: 1 ea. M6A LED Flasher Amber: Warning light. Include M6FC Flange Chrome.  
mounted Driver side.

1 ea. M6R LED Flasher Red: Warning light. Include M6FC Flange Chrome.  
mounted Passenger side.

Lower Zone C: 2 ea. M6R LED Flasher Red: Warning light. Include M6FC Flange Chrome.

Lower Zone D: 2 ea. M6R LED Flasher Red: Warning light. Include M6FC Flange Chrome.

Upper Zone D: 1 ea. M6A LED Flasher Amber: Warning light. Include M6FC Flange Chrome.

**DOOR AJAR INDICATOR LIGHT:**

One (1) open compartment flashing red warning light, located inside the cab shall be provided.

**LIGHT BAR:**

One (1) Whelen JE2RRRR; 62" Justice series light bar, shall be mounted on the cab roof.  
Light bar shall include the following items.

1 JE2RRRR JUSTICE CS 6LED 56" R/R/R/R;56.25" 4 Red

Salesman: Chris Portmann

# Ben Lomond CA Type III - 3-18

Chief Stacie Brownlee

1 JHALF1 Add 2 LR11 Alley Lights 15 Degree Horizontal Adjustment  
8 JDCR Mini Justice Series CON3, Red  
2 JDCC Mini Justice Series CON3, White  
1 JDCA Mini Justice Series 1 CON3, Amber

## **SIREN:**

A WHELEN Cencom Sapphire W/TA Module siren control shall be mounted in the cab. Siren to have wail, yelp and hi-low tones as the tap feature. Public address (PA), air horn sound.

## **LIGHT BOX:**

One (1) pre-wired E-Spot LiteBox orange light box with charger shall be installed. Mounted to back of center console below hand held radio tray. Light to be removable from the passengers side rear door. Light to be wired off the back side of the onboard Battery charger when present to only charge when plugged in to shore power.

## **SIDE SCENE LIGHTS:**

TWO (2) FRC Spectra/Load lights model SPA900-Q70 shall be installed on the apparatus. One (1) light shall be installed on each side of the apparatus located close to the pump module area on the side of the coffin boxes. Each light shall be wired to a RPM and controlled by separate switches on the cab dash. switches shall be labled (LEFT SCENE and RIGHT SCENE) Lights shall be integrate with chassis multiplexing system and load managed. Each switch shall have its own indicator light that shall illuminate when the corresponding light has been activated. The indicator of the lights when requested on but shed due to the load manager shall flash slow if the light has been shed due to low voltage. Switch light shall flash fast if there is a fault on the circuit of the corresponding light. All wiring to lights shall be protected so that dunnage gear does get damaged while loading and unloading.

## **FRONT BUMPER LIGHT BAR:**

One (1) ECCO 5900 Lumen 27" in wide single row LED off road light bar shall be forward facing mounted just under front bumper. Light bar control(s) in dash using DLB switch.

## **GROUND ILLUMINATION LIGHTS:**

Seven (7) Ground Illumination LED lights shall be provided and located per NFPA. The Ground illumination lights shall be controlled by the ESC and have a park brake interlock. The lights below the cab doors and on each side of the pump panel area shall illuminate when any cab door is open and the park brake is set or whenever headlights are on. There shall be a ground illumination light over-ride on the dash of the cab. The over-ride switch shall allow the ground illumination lights to be cycled off or on when requested for night driving. A cycle of the park brake shall reset the Ground illumination control to the default setting of on with headlights or interlocked with doors and parklights activated.

## **CHARGE GUARD:**

A Havis Charge Guard Model CG-X shall be installed in the console to control power. Unit shall be wired directly to Hot side of batteries and monitor the voltage being supplied to the power points and ancillary quipment charged off the unit when mobile. Unit shall be installed in such a manner that if voltage usage exceeds 18 Volt is shall disconnect or if voltage input drops below 11 volts it shall disconnect.

## **MOBILE ROUTER:**

Install customer supplied Cradlepoint Mobile Router ibr900 unit and 170654-001 antenna.

## **AIR COMPRESSOR / BATTERY CHARGER KIT:**

BLUE SEA P12 BATTERY CHARGER  
AUTO PUMP 12V AIR COMPRESSOR  
BLUE SEA SURE EJECT WITH YELLOW COVER 20 AMP  
REMOTE BAR GRAPH INDICATOR

Salesman: Chris Portmann

## Ben Lomond CA Type III - 3-18

Chief Stacie Brownlee

The brake system shall be equipped with an onboard air compressor capable of maintaining full operating air pressure when the vehicle is not running.

Battery charger input 7.5a @ 100V AC, 3.75A @ 200V AC  
Output 12VDC, @ 40 amps. max.

Air compressor input 120V AC @ 12 amps  
Output .76 CFM Open flow, 100 PSI Max.

Auto eject 120V AC Input

Bar graph indicator remote mounted, indicates state of charge of the batteries.

### \*\*\* PAINT, STRIPING & LETTERING \*\*\*

#### PAINT BODY:

All exposed ferrous metal surfaces that are not chrome plated or stainless steel shall be thoroughly cleaned, prepped and painted with Acrylic Urethane paint. Application shall be in strict accordance with paint manufacturer's instructions, including number of coats and dry mill thickness. Body shall be painted to match Chassis cab. Compartment interiors shall have a "cobweb" splatter style finish. The color shall be white with black "cobwebbing". Exterior shall be painted to match Chassis Cab Std# NAV0213 Color Dark Red.

#### CHASSIS CAB PAINT:

The cab paint shall be one single color as it comes from the chassis mfg. Paint shall be of uniform thickness and quality. Color of chassis shall be Internationals paint chip Std# NAV0213 Color Dark Red approved by customer.

### \*\*\* ON BOARD EQUIPMENT \*\*\*

#### TURTLE TILE:

Turtle tile from Turtle Plastics shall be installed in all compartments and on shelves. Tiles shall be UV resistant and color to be black.

#### MUD-FLAPS:

A pair of rubber mud flaps shall be provided and installed on the left and right rear of the wheel wells. Provisions shall be made so that the mudflap on the side where the Exhaust exits from under body the mudflap will not fly in the wind and rest on the Tail Pipe. Mudflap height to be minimum meeting the SAE Standard for height.

#### LEFT HOSE REELS:

One (1) Hannay model CDFSBEFP 22-21-22 hose reel with electric rewind and brake shall be provided. The reel shall be located on the left side of the apparatus above the pump. Equipped with 150' of 3/4" 800# test hard rubber hose, in 50' lengths with 1" I.P. Lightweight, depressed eye couplings. Rollers and spools are to be provided and mounted on the outside of hose reel.

#### HOSE REEL DISCHARGE:

A (1") discharge valve ELKHART # SB10-NF01B-NF01B-R1 shall be provided for the left side hose reel. Plumbing to the valve shall be off the 2" stainless steel upper discharge manifold and be GH series Aeroquip hose. Valve shall be controlled at the hose reel.

#### MASTER GAUGES:

Two (2) Back lit liquid filled gauges, pump discharge and intake shall be provided. The gauges shall be 3.50 inches in diameter with white face and black lettering. Gauges range shall be 30-0-600.

Salesman: Chris Portmann

# Ben Lomond CA Type III - 3-18

Chief Stacie Brownlee

## **AUX PUMP KIT:**

All items to integrate a auxiliary Darley 1.5 AGE to a Standard Model 14 Wildland.  
Shall include all items above and the necessary tank modifications.

## **AUXILIARY PUMP, DARLEY 1.5AGE**

One (1) Darley 1.5AGE diesel engine auxiliary pump engine shall be provided. The pump shall have bronze impeller and wear rings, stainless steel impeller shaft, heat treated helical cut gears, and an aluminum alloy casing. Fuel supply from chassis fuel tank with electrical fuel pump and filter shall be supplied.

Typical high pressure impeller performance:

120GPM @ 200 PSI

100 GPM @ 240 PSI

50 GPM @ 315 PSI

## **COVER AUXILIARY PUMP:**

There shall be a cover over the auxiliary pump. This cover will have a lift-up lid with a positive pop latch for ease of servicing. This cover shall be fabricated entirely of aluminum diamond plate.

## **DUAL PRIMER CONTROL:**

One three way selector valve for primer control with two pumps.

## **PUMP BYPASS FOR AUX PUMP:**

A Bypass line shall be installed on the Aux pump to eliminate excessive heating of water in the pump.

## **TANK TO PUMP:(AUX PUMP)**

One (1) 2" valve, quarter turn ball valve, pneumatically controlled at the left side pump panel. The pump intake shall incorporate a check valve to prevent water from flowing into the tank at an excessive rate if the pump is being supplied from a pressurized source and the valve was inadvertently left open.

## **DISCHARGE (Aux) PUMP TO MANIFOLD:**

A 2" discharge line shall be plumbed from the Auxiliary pump to main manifold. A 2" check valve shall be installed in the line to prevent pressurizing the Auxiliary plumbing when the main pump is active.

## **DISCHARGE PRESSURE GAUGE AUX PUMP:**

One (1) Liquid filled back LITE LED pressure gauge shall be provided at the pump operator's panel for the Auxiliary pump pressure. Gauge shall have white face, black lettering and have a pressure range of 30-0-600 psi.

## **CAB MOUNTED PRESSURE GAUGES:**

A back lit liquid filled pressure gauge shall be provided in the cab for pump and roll capability. The gauge shall be white faced with black lettering. The gauge shall have a pressure range of 30-0-600 psi.

## **AUXILIARY PUMP CONTROLS:**

Start/stop switches and indicating lights shall be provided for the pump engine. They shall be installed inside the cab on the cab console and, on the operators pump panel.

## **WILDLAND 3" PVC SUCTION HOSE KIT:**

The following items shall be supplied on the unit in the ladder, hose storage compartment.

One (1) Ea. 2-1/2" X 5.50' long PVC suction hose shall be provided with 2-1/2" FNST rocker lug coupling on one end and a 2-1/2" MNST rocker lug coupling on the other end.

Salesman: Chris Portmann

# Ben Lomond CA Type III - 3-18

Chief Stacie Brownlee

Two (2) Ea. 2-1/2" X 7' long PVC suction hoses shall be provided with 2-1/2" FNST rocker lug couplings on one end and 2-1/2" MNST rocker lug couplings on the other end.

One (1) Barrel suction strainer shall be provided. The strainer shall have a 2-1/2" FNST rocker lug coupling base.

### **CENTER PANEL REAR SEAT BRACKET:**

A bracket shall be formed of aluminum sheet and mounted vertically between the two rear seats. Bracket shall have gussets from the base to stabilize the upright portion that rests against the back wall. Vertical portion shall in no way be attached to the cab roof.

### **DEPLOYMENT HOOKS:**

Two (2) Deployment hooks shall be mounted at the rear of body. Mounting shall be supplied for the removable hooks to store in the Rear Center compartment in the bottom portion.

### **ANTENNA MOUNTING:**

Mount two (2) antenna/s on cab roof and route cable to console. Antenna mount shall have dust cover. Antenna mount shall be a #NMO 58AU-NC30, mounted center of roof 18" behind light bar.

### **TOOL HOLDERS AND SOFT SUCTION HOSE TRAY:**

The following tool holders and equipment shall be supplied with the apparatus:

Shipped loose.

Two (2) long handled MOD 14/15 style rubber holders

Two (2) corner handle brackets.

One (1) mounting bracket with dividers, MOD 14/15 style

Two (2) tool holder U-brackets, MOD 14/15 style.

One (1) soft suction hose tray, MOD 14/15 style with strap.

Two (2) nozzle cups holders.

One (1) hose roller bracket.

### **SEATING FOUR CREW MEMBERS:**

The (2) two front seats supplied with the chassis shall be removed and 2 full size Sierra HBRX high back seats shall be mounted in their place. The (2) two rear seats shall be Full size Sierra HBRX high back seats mounted to a full width seat base. Seating shall provide occupant comfort with a arm rest to the inboard side and shall reclining as much as possible. Seats shall be grey vinyl in color. The rear seat base shall have sliding trays, one mounted on each side of the unit, base shall be gray in color. The base shall have hinged diamond plate door panels with thumb latch. Seats shall have 1/4" Alum doubler plates attached internally where sliding seat mount attaches to the seat base.

### **SAFETY TRIANGLE KIT:**

One (1) each emergency warning triangle kit (includes 3 safety triangles) shall be supplied with apparatus.

### **TRAFFIC SAFETY CONES:**

A set of Five (5) 28" Collapsible Orange Traffic Safety cones shall be provided with the unit. Cones shall meet the requirements of NFPA 1901, made of water proof nylon with internal LED light with 2 settings: Steady burn and flashing. Light shall operate on 2 AAA batteries to endure 100,000 flashes or 36 hours of steady burn.

### **F.O.B.:**

West-Mark (CAGE: 1HJ27)  
581 Industry Way  
Atwater, CA 95301.

Salesman: Chris Portmann

# Ben Lomond CA Type III - 3-18

Chief Stacie Brownlee

**INSPECTION AND ACCEPTANCE:**

West-Mark (CAGE: 1HJ27)  
581 Industry Way  
Atwater, CA 95301.

# BLFD Committed funds accounts bal

As Of = @prior-month-end; Years = 1; Closed = N; Chart Fields = FundType,Fund,SubFund,Object,GLAccount  
 Fund Type [76] and Fund [76465] and Sub Fund [76465001] and Object [34350, 34351, 34352, 34353, 34354, 34355, 34358]

FY 2025

Object	GL Object Title	Beginning Balance	Year-To-Date Debits	Year-To-Date Credits	Ending Balance	Count
<b>GL Acct: 342 -- FUND BAL-COMMITTED</b>						
34350	COMMITTED - BLDG IMPR/RETROFT	-158,000.00	0.00	-125,000.00	-283,000.00	1
34351	COMMITTED - MOBILE EQMT REPLC	-578,680.00	0.00	-125,000.00	-703,680.00	1
34352	COMMITTED - WORKERS COMP	-562,064.00	0.00	-125,000.00	-687,064.00	1
34354	COMMITTED - CONTEGENCIES	-69,239.44	0.00	0.00	-69,239.44	1
34358	COMMITTED - CLOTHG&PERSONL RES	-326,232.76	0.00	-125,000.00	-451,232.76	1
Total 342 -- FUND BAL-COMMITTED		-1,694,216.20	0.00	-500,000.00	-2,194,216.20	5
		-1,694,216.20	0.00	-500,000.00	-2,194,216.20	5



## ATTACHMENT 2 PAYMENT SCHEDULE

**RE: Schedule of Equipment No. 01, dated 5/13/2022, to Master Equipment Lease Purchase Agreement, dated as of 5/13/2022, between Community First National Bank, as Lessor, and Ben Lomond Fire Protection District, as Lessee.**

**Lease Number: 63946**

**Amount Financed: \$373,546.00**

### AMORTIZATION SCHEDULE

Payment Number	Payment Date	Payment Amount	Interest Portion	Principal Portion	Purchase Option Price
1	<del>5/13/2023</del>	\$83,470.61	\$14,247.05	\$69,223.56	Not Available
2	<del>5/13/2024</del>	\$83,470.61	\$11,606.86	\$71,863.75	\$235,426.65
3	<del>5/13/2025</del>	\$83,470.61	\$8,865.98	\$74,604.63	\$159,371.98
4	5/13/2026	\$83,470.61	\$6,020.55	\$77,450.06	\$80,921.59
5	5/13/2027	\$83,470.61	\$3,066.61	\$80,404.00	\$0.00
<b>Grand Totals</b>		<b>\$417,353.05</b>	<b>\$43,807.05</b>	<b>\$373,546.00</b>	

**LESSEE:**  
Ben Lomond Fire Protection District

  
\_\_\_\_\_  
Tom Maxson, President

