



Rescue Fire Protection District

• P.O. Box 201 Rescue, CA 95672 • Phone: (530) 677-1868 • Fax: (530) 677-9609
www.rescuefiredepartment.org

2/27/2025

To: Tara Strout, Principal Management Analyst

From: Bryan Ransdell, Rescue Fire Chief

Subject: Withdrawal of development fees for a capital asset/Type 1 Engine for the Rescue Fire Protection District

Hi Tara,

I am requesting a withdrawal from development fees for the capital Improvement purchase of a new Type 1 engine/apparatus for the Rescue Fire Protection District in the amount of \$496,446.

The Board of Supervisors adopted Resolution 063-2018, which approved the collection of Development Fees consistent with the Mitigation Fee Act. In the Resolution, the Rescue Fire Protection District Impact Fee Nexus Study was adopted. This Nexus study identifies the planned fire protection and emergency response facilities, apparatus, and equipment that the District anticipates it will need to accommodate the added demand generated by new development within its boundaries. The new Type 1 Engine was included as a part of this study.

As requested, I have also attached the board minutes and invoice to confirm that the Rescue Board of Directors voted unanimously to approve this purchase, including development fees, on December 11, 2024.

Please let me know if you need further information or have any questions. My phone number is 916.406.4801.

Sincerely,

Bryan Ransdell
Fire Chief, Rescue Fire Protection District

Rescue Fire Protection District

BOARD OF DIRECTORS MEETING



Regular Meeting Minutes

December 11, 2024, 6:00 P.M.
5221 Deer Valley Road, Rescue, CA 95672
(P.O. Box 201)
(530) 677-1868

1. CALL TO ORDER

18:03

2. ROLL CALL/ESTABLISH QUORUM

Directors in attendance:

<input type="checkbox"/>	Matt Koht
<input checked="" type="checkbox"/>	Penny Humphreys
<input checked="" type="checkbox"/>	Scott Thorne
<input checked="" type="checkbox"/>	George Madaryan
<input checked="" type="checkbox"/>	Timothy Yee

3. FLAG SALUTE

Conducted

4. APPROVAL OF AGENDA

Director Thorne commented that there are some changes to the agenda:

- Add 4.1 - Recognition of Dan Moore
- Add 4.2 - Promotion of David Beeskau

Director Humphreys made a motion to approve the agenda with the appropriate changes, seconded by Director Madaryan, and the motion unanimously carried.

4.1. Recognition of Reserve Fire Fighter 1, Dan Moore

- Chief Ransdell recognized Reserve Fire Fighter 1 Dan Moore as our first Trainee Fire Fighter to complete the program and earn his CA State Fire Marshall Fire Fighter 1.

4.2. Promotion of David Beeskau to Engineer / Paramedic

- Chief Ransdell called David Beeskau up for his promotion and performed the Oath of Office. David is being promoted from the rank of Fire Fighter EMT to Engineer / Paramedic.

Rescue Fire Protection District

BOARD OF DIRECTORS MEETING

5. PUBLIC COMMENTS and PUBLIC FORUM

Greg Garrett spoke about the mural project on the building

- *Has spoken to several artists and muralists*
- *Narrowed down to two artists and showed some examples of their work*
 - o *Julie, local*
 - o *Steve, a local from Placerville*
- *Looking for approval of the mural*
 - o *Stop*
 - o *Proceed*
 - o *Suspend*
 - *Chief Ransdell and the Board decided to suspend due to building remodel*

6. CHIEF'S REPORT

Chief Ransdell Reported:

- *Chief Johnson with EDH Fire Department is retiring at the end of the month*
- *Chief Lilienthal has been appointed interim Chief*
- *Conflict of interest was approved by the elections with the county*
- *Chief Ransdell will be on a committee for the Folsom Lake College Fire Program*
- *GASB 75 coming up and looking for a new company*

7. CORRESPONDENCE AND COMMUNICATIONS

No Report

8. CONSENT CALENDAR

8.1. Approve Minutes from the November 13, 2024, Regular Board Meeting

8.2. Approve Warrant for November 2024

8.3. Approve Budget Reports for November 2024

Director Humphreys noted a correction in the November minutes. Captain Joel Warman is the correct person who reported on the Fire Safe Counsel.

Director Humphreys made a motion to approve the consent calendar with corrections, seconded by Director Yee, and the motion unanimously carried.

9. BOARD COMMITTEES

9.1. Personnel Committee: *No Report*

9.2. Budget Committee: *Chief Ransdell Reported;*

- o *Have not had a meeting, there will be an adjustment*

9.3. Building and Grounds: *Director Thorne Reported:*

- o *Captain Jones sent Director Thorne information about the new Fire Station Design Conference in Arizona*
- o *Chief Ransdell met the board president from Newcastle Fire, who stated that the cost of their new station was 4.5 million with a USDA loan*
- o *Chief Ransdell would like Director Thorne and Yee to meet with Engineer English*

9.4. JPA Committee: *Chief Ransdell Reported:*

- o *Cristy Jorgensen is interim director of JPA, possibility of going back to full time*
- o *No new contract yet*

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BOARD OF DIRECTORS MEETING

9.5. LAFCO: Chief Ransdell Reported:

- *Sphere of Influence is coming up soon, LAFCO will send out notifications*

9.6. EDRFA: Chief Ransdell Reported:

- *Not enough board members were present at the last meeting*
- *Garden Valley is out of the EDRFA*
- *RFPD's participation in the EDRFA will be discussed at the January Meeting*

9.7. Rescue Fire Safe Council: No Report

10. RESCUE VOLUNTEER FIRE ASSOCIATION: REPORT

- *RVFA Christmas Party Dec 15th*

11. OLD BUSINESS

None

12. FISCAL ITEMS

None

13. NEW BUSINESS

13.1. Action Item: Discuss Type 1 replacement

- *Chief Ransdell reported on the Type 1 replacement. Asking for an approval of \$446k for the new Type 1 Engine*

Director Madaryan made a motion to approve the \$446k for the purchase of a new Type 1 Engine, seconded by Director Humphreys, and the motion unanimously carried.

14. GOOD TO THE ORDER

Engineer English Reported:

- *Projects in progress*
 - *New light pole where the tree stump was*
 - *Moving the gas line on the B side of the station to put a container and SCBA fill station*
 - *Eagle Scout doing the concrete work and moving the RVFA Conex box. Concrete was donated*
 - *Septic for the RSLs*
 - *Leach lines are fully impacted and will have to have the leach line re-done.*
 - *Looking to oversize the system and will direct excess waste from St 83 to the new RSLs system*
 - *Moving the hose and equipment to the Conex box will make room for a workshop and gym*

Captain Ramsey Reported:

- *SCBA refill station on site will be more convenient and safer. Will not have to go out of District to fill SCBA's*
- *Explained why the fill station will be outside, in its own enclosed room, to reduce noise in the station.*

15. NEXT SCHEDULED MEETING / AGENDA ITEMS

January 8, 2025

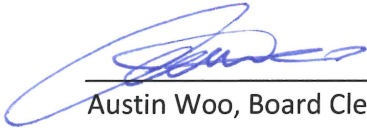
Rescue Fire Protection District

BOARD OF DIRECTORS MEETING

16. ADJOURNMENT

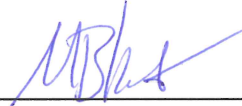
Director Yee made a motion to adjourn the meeting at 7:05, seconded by Director Humphreys, and the motion unanimously carried.

Prepared By:



Austin Woo, Board Clerk
Rescue Fire Protection District

Approved By:



Matt Koht, Board President
Rescue Fire Protection District

ITURRI AMERICA INC
210 Park DR.
Creswell, OR 97426
USA
Tax registration num.: 35-2789465
Tel: (541) 658-5134
Email: sales.usa@iturri.com

Client Code: CUS000020

Tax address:
RESCUE FIRE DEPARTMENT
5221 Deer Valley Rd
Rescue, CA 95672
USA

Invoice address:

RESCUE FIRE DEPARTMENT
5221 Deer Valley Rd
Rescue, CA 95672
USA

Tax registration num.: TBD

Description						
	Quantity	Unit	Price	Total net amount	VAT	Total amount
1						
Client reference:						
Date:1/22/2025						
Code:61000318	1	UN	496,446.00	496,446.00		496,446.00
VEHICLE MINIPUMPER RESCUE FIRE DEPT.						
Client position: 0						
Payment conditions:			Tax Base:		496,446.00 \$	
			VAT:		0.00 \$	
Currency:	Incoterm:		Invoice amount:		496,446.00 \$	
USD	EXW					
Due date of payment:						
Bank account:						
IBAN: SWIFT:						
Bank of America						
Bank account: 3251 0097 6036						
ACH ROUTING NUMBER: 121000358						

TECHNICAL SPECIFICATION FOR: VEHICLE: WILDLAND MINI PUMPER: BASE MODEL**GENERAL INFORMATION**

These specifications are a detailed description of the Wildland Mini Pumper apparatus to be furnished by Iturri America INC.

1. COMPLIANCE

The apparatus is designed to meet the applicable and available recommendations of NFPA 1900 with the required available options.

The fire apparatus shall be built to the purchaser's requirements in compliance to all State, Local and Federal highway safety.

2. APPARATUS OPERATIONAL MANUALS

Iturri America INC. shall provide two (2) sets of operation and service documentation/manuals and drawings, as available.

3. CHASSIS OPERATION MANUAL

One (1) chassis operation manual shall be provided.

4. FIRE PUMP OPERATIONAL MANUAL

One (1) fire pump service, instruction, and operational manual shall be supplied.

5. FOAM SYSTEM OPERATIONAL MANUAL

One (1) A foam system service, instructions, and operational manual shall be supplied.

6. PAINT

- Cab Color: Red #2303
- Bumper Color: Black
- Wheel Color: Black
- Body Color: Red #2303

7. CHASSIS SPECIFICATIONS

- Model: 2025 CV 515 – International.
- Axle configuration: 4X4.
- GVWR: 23000 lbs.
- GCWR: 37000 lbs.
- Dimensions: Wheelbase: 175.00, CA: 59.80, Axle to Frame: 49.00
- Engine: Diesel, International 6.6 EPA 2021, 350HP @ 2700 RPM, 700 lb-ft Torque @ 1600 RPM, 2900 RPM Governed Speed, 350 Peak HP (Max).
- Transmission: Automatic Allison 2750 EVS 6th Generation Controls, Close Ratio, 6-Speed with Double Overdrive, with PTO Provision, Less Retarder, Includes Park Pawl, with 23,500-lb GVW and 37,500-lb GCW Max, On/Off Highway.
- Front Axle: Dana Spicer 60-256, Single Reduction, 7,500-lb Capacity, with Hub Piloted Wheel Mounting.
- Rear Axle: Dana Spicer S140 Single Reduction, 15,500-lb Capacity, 190 Wheel Ends Gear Ratio: 4.30.
- Cab: Conventional 5-Man Crew cab.
- Cab interior trim Classic, for Crew Cab
- Cab door locks Power Door Locks All Doors
- Dome light, cab with OFF/DOOR/ON Settings; Located in Overhead Console
- Reading light, CAB Located in Overhead Console
- Step (4) One Step Per Door.
- Storage pocket, door (2) Full Length, Driver and Passenger Door.
- Front Suspension: Spring Parabolic Taper Leaf, Shackle Type, 7,500-lb Capacity, with Shock Absorbers.

- Rear Suspension: Single, 15,500-lb Capacity, with Shock Absorbers.
- Front Tire: (2) 225/70R19.5 Load Range H HDR+ (CONTINENTAL), 643 rev/mile, 87 MPH.
- Rear Tire: (4) 225/70R19.5 Load Range H HDR+ (CONTINENTAL), 643 rev/mile, 87 MPH.
- Fuel tank: 25 Gal.
- Battery System: Maintenance-Free, 2 x12-Volt 1300CCA Total.
- 7.1 CFM under hood compressor.

8 FRONT BUMPER

The factory standard duty bumper supplied by International shall be provided (GRAY)

9. HEAVY DUTY REAR BUMPER

One (1) custom fabricated, heavy-duty rear bumper with 2" hitch receiver shall be provided.

10. REAR MUD FLAPS

The chassis shall be supplied with mud flaps with the manufacturer's logo. The mud flaps shall be installed behind the rear wheels

11. EMBER SEPARATOR

One (1) Ember separator shall be installed. On the factory air intake box. Complies with NFPA requirements.

12. FIRE PUMP SPECIFICATIONS

- One (1) HALE RSD Flex. RSD125-23F
- Single stage fire pump.
- Performance – rated to 1250 U.S. GPM @ 150 psi.
- Main castings are made of iron.
- Brass impeller.
- Driven by a Hale MGA Split shaft PTO gear box (air shift).

The fire pump shall be located at the rear of the Vehicle inside the pump compartment.

13. FOAM PROPORTIONER SYSTEM

One (1) Trident 31.008.0 FOAMATE Model ATP 1.0 CLASS A Foam Proportioner shall be provided. The foam proportioner control panel shall be installed at the rear control panel of the apparatus.

Performance range:

- 400 U.S. GPM @ 0.25%
- 200 U.S. GPM @ 0.50%
- 100 U.S. GPM @ 1.0%

14. STAINLESS STEEL PLUMBING SYSTEM

The fire pump plumbing system shall be built mostly of tig welding stainless steel piping, fittings, and connections. Victaulic couplings and flexible hose will be installed to permit flexing of the plumbing system and allow for quick removal of piping or valves for service.

15. VALVES

All valves used in the plumbing installation shall be quarter turn full flow type.

Discharge ball valves shall be Elkhart Brass Swing-Out Type.

Intake ball valves shall be Elkhart Brass Swing-Out Type.

All Swing out valves shall be provided with thread adapters, caps and chains.

Tank to Pump Valve shall be manual Butterfly Type.

Drain valve shall be manual ball type.

16. HOSE THREADS

The hose threads shall be National Hose Standard (NH) on all base threads on the apparatus intakes and discharges, unless otherwise specified.

17. PRIMER ASSEMBLY

There shall be an electric oil less primer system HALE 501-3090-01-0 12V ESP primer with valve.

18. FIRE PUMP CONTROL PANEL - REAR

The pump control panel shall be provided at the rear of the vehicle. The following shall be located at the operator's position:

The pump control panel shall contain the following controls and switches:

- 3.5" discharge pressure gauge
- 3.5" suction-pressure gauge
- FRC Pump Boss Pressure governor model PBA400.
- Pump high temperature warning light.
- PTO Engaged/Ready to pump light.
- Emergency engine stop button.
- Rear compartment light switch.
- FRC WTA 360/460 Water tank level.
- FRC WTA 370/470Foam tank level.

19. TANK TO PUMP

One (1) 4" tank to pump line shall be provided for connection between the water tank and the fire pump. The 4" valve shall be controlled with a manually operated handle directly on the valve.

The tank to pump line shall be provided with 4" butterfly type valve.

20. TANK DIRECT FILL INTAKE

One (1) 2.5" tank fill intake with Swing-Out Type valve shall be provided.

21. DISCHARGES - REAR

- Two (3) 2 1/2" discharges shall be installed at the rear pump area, controlled by a Swing-Out Type valve. Each discharge shall have a pressure gauge.
- One (1) 4" discharge shall be installed inside the right rear lower compartment, controlled by an electric actuator slow opening butterfly valve.

22. 1 1/2" PRECONNECTED DISCHARGE - REAR

TWO (2) 1 1/2" preconnected discharges shall be installed on the roof 1 1/2" hose bed area, controlled by Swing-Out Type valves. The discharge shall have a pressure gauge. 1 1/2" preconnected discharges are rated at 200gpm max.

23. EXTERNAL SUCTION – REAR

One (1) 6" NH suction intake shall be installed on rear area to supply the fire pump from an external water supply.

One (1) 2 1/2" NH Auxiliary suction valved intake shall be installed on rear area to supply the fire pump from an external water supply.

24. HOSE REEL DISCHARGE

One (1) 1" discharge controlled by a Swing-Out Type valve shall be piped from the fire pump to the hose reel with flexible high-pressure hose.

25. DISCHARGE VALVE DRAIN

Each 1 1/2" and larger discharge shall have one 3/4 inch drain accessible from the operator's position.

26. WATER TANK DRAIN

One (1) 3/4" water tank drain with ball valve shall be provided.

27. FOAM TANK DRAIN

One (1) 3/4" water tank drain with ball valve shall be provided.

28. FIRE PUMP DRAIN

The fire pump shall have a drain at the bottom of the water pump housing.

29. MASTER DRAIN

One (1) Master drain Trident 30.009.2 shall be provided.

30. HOSE REEL

One (1) Hannay Reel EF4038-17-18-8 LB with Non-Collapsible Lightweight Hose 1" x 100' and a 30 GPM 1" combination nozzle shall be provided. Located at rear compartment.

31. INTAKE RELIEF VALVE

One (1) Intake relief valve Trident 30.004.5 AIR MAX RELIEF VALVE 2.5" shall be provided.

32. WATER & FOAM TANK LEVEL GAUGES

Rear control panel mounted:

One (1) FRC WLA300 water tank level gauge shall be installed on pump panel.

One (1) FRC WLA360 Foam tank level gauge shall be installed on pump panel.

Cab center console mounted:

One (1) FRC WLA205 mini water tank level gauge shall be installed in the cab center console.

One (1) FRC WLA265 mini water tank level gauge shall be installed in the cab center console.

33. WATER TANK SPECIFICATIONS

The water tank shall have a capacity of 600 gallons.

34. FOAM TANK SPECIFICATIONS

The foam tank shall have a capacity of 15 gallons.

35. WATER TANK NFPA COMPLIANCE

The water tank construction shall conform to applicable NFPA standards.

36. TANK FILL TOWER LOCATION

The tank fill tower shall be in the top of the tank.

37. VENT AND OVERFLOW

The fill tower shall incorporate a vent and overflow system shall be designed into the water tank. The overflow shall discharge excess water below the frame rails of the vehicle in a position behind the rear axle of the vehicle.

38. BODY & TANKS BUILD SPECIFICATIONS

The body, compartments and tanks shall be integrated and constructed of High strength Polypropylene, and other high strength materials, providing a durable, impact resistant, corrosion resistant, and lightweight design. The Polypropylene structure shall be joined by thermoplastic welding processes.

The manufacturer shall certify the capacity of tanks prior to delivery of the apparatus.

39. BODY COMPARTMENTS

The compartments shall be constructed of copolymer material joined by thermoplastic welding process as used for the body.

All compartments shall be closed by Aluminum roll up style doors. (Color: Grey 7035 MCD)

The compartments are fully customizable.

Each interior compartment light shall be automatically controlled by a roll-up door activated switch.

Left side compartments:

One (1) compartment ahead of the left side rear wheels, approximately 36" wide x 47" high x 19" deep. The roll-up door opening shall be approximately 30" wide x 43" high.

One (1) compartment behind the left side rear wheels, approximately 74" wide x 31.5" high x 19" deep. The door opening shall be approximately 70.5" wide x 31" high.

One (1) lower compartment behind the rear wheels per side, approximately 17" wide x 12" high x 17" deep.

Right side compartments:

One (1) compartment ahead of the right-side rear wheels, approximately 36" wide x 47" high x 19" deep. The roll-up door opening shall be approximately 30" wide x 43" high.

One (1) compartment behind the right-side rear wheels, approximately 74" wide x 31.5" high x 19" deep. The door opening shall be approximately 70.5" wide x 31" high.

One (1) lower compartment behind the rear wheel, approximately 17" wide x 12" high x 17" deep. Closed by a self-closing aluminum door

Rear compartment:

One (1) rear compartment, approximately 50" wide x 40.5" high x 35.4" deep. The roll-up door opening shall be approximately 50" wide x 34" high.

The HALE RSD pump and plumbing system shall be located inside the rear compartment.

Side lower compartments:

One (1) lower compartment behind the rear wheels per side, approximately 17" wide x 12" high x 17" deep.

The lower compartments shall be closed by aluminum doors.

40. COFFIN STYLE COMPARTMENTS.

Two (2) coffin style compartments located on the roof shall be provided.

Each compartment shall be closed by an aluminum door and have a rear access door.

Each compartment will have the approximate dimensions of 109" length, 12" width, 10" height.

41. HOSE BED (located on roof area).

One (1) hose storage area with a capacity for 30 cubic for storage of 2 ½" or larger hose shall be provided.

Two (2) hose storage areas with a capacity of 4.5 cubic feet each, for preconnected 1 ½" and shall be provided.

42. LADDER STORAGE COMPARTMENT

One (1) ladder storage compartment for a 12ft 2-Section ladder model Alco AEL-12* shall be provided located on the hose bed area.

*Ladder not included.

43. COMPARTMENT LIGHTING.

Each upper body compartment shall be equipped with a white LED strip light.

44. SUBFRAME

The body shall be attached to and supported by a heavy duty, steel subframe bolted to the truck frame. The subframe shall be spring mounted to the chassis frame to allow for independent flexing of the body in relation to the chassis frame.

No welding shall be allowed to the truck frame. Isolator strips shall be installed at all contact points between the body and subframe.

The subframe shall be coated using an epoxy black finish.

45. CAB CENTER CONSOLE

A custom fabricated aluminum center console shall be located between the driver's and passenger's seats.

The console shall contain the following controls and switches:

- Battery Disconnect switch.
- Rear Speaker switch.
- Scene lights switch.
- Low battery light.
- Door ajar light.
- Whelen CCTL6 WeCanX Control Head. (Includes 3 Section Control Head and 8 Push-Buttons, 4-Position Slide Switch with a 7-Position Rotary Knob. Microphone with Extension Cable)
- Pump request Switch.
- Hale VPS powershift.
- FRC Water tank Mini Cab level.
- FRC Foam tank Mini Cab level.
- Space available for a two-way radio remote head unit.
- Two cup holders.

- Power Strip with 4 110v Outlets and 2 USB-A ports.
- Two cigarettes lighter style 12V outlets.

46. FOLDING STEP (Roof Access)

Three (3) trident model #24.005 folding step shall be provided. The step shall be NFPA compliant in design for load and size requirements and slip resistance.

47. FOLDING STEP (Rear bumper area)

Two (2) folding steps shall be provided at the rear bumper area. The step shall be NFPA compliant in design for load and size requirements and slip resistance.

48. BODY ELECTRICAL REQUIREMENTS

All apparatus body electrical components shall be served by independent circuits which shall be separate and distinct from the apparatus cab and chassis electrical circuits.

49. ELECTRICAL HARNESS AND WIRING

All wiring shall be hidden, enclosed, or protected under the body in protective material, or within the apparatus body components. In addition, split loom conduits shall be installed and enclosed, suitably secured and protected against heat and physical damage.

Apparatus body wiring shall be high temperature compatible wire, insulated with chemically cross-linked polyethylene and to withstand prolonged temperatures of up to 350 degrees Fahrenheit. The wiring shall be resistant to grease, oil, fluids, and abrasion and shall meet or exceed S.A.E. Certification J1128. It shall be stranded copper alloy conductors of a gauge rated to carry 125% of the maximum current for which the circuit is protected.

All wiring for the apparatus shall be installed in accordance with quality electrical standards, protected in loom or conduit. Grommets shall be installed where wire passes through body panels, where applicable.

50. BATTERY MASTER SWITCH DISCONNECT – CENTER CONSOLE

A battery disconnect switch shall be installed to control the 12-volt power supply from the battery system to the body, pumping system and cab final stage manufacturer installed equipment.

51. BATTERY CHARGER & INVERTER

One (1) Kussmaul Inverter Charger Freedom XC 1000 shall be provided.

One (1) Kussmaul super auto eject shall be provided.

52. LICENSE PLATE LIGHT

A license plate light shall be installed on the rear vertical wall of the body.

53. BRAKE, TURN, TAILLIGHTS

Two (2) Whelen M6 Series Model M62BTT Brake and taillights red.

Two (2) Whelen M6 Series Model M62T, Turn Light Amber, with multiple flash patterns.

54. BACK-UP LIGHT

Two (2) Whelen M6 Series Model M62BU Back up light white.

55. COMPARTMENT LIGHT

One (1) LED ECCO EW2101 635720 lights with clear lens shall be installed at the rear compartment, wired to switch on the fire pump control panel.

56. SCENE LIGHTS

Four (6) Whelen M6 Series Model M6ZC scene lights shall be installed.

Location shall be: Four (4) surface mounted on at upper side body, two (2) each side of body. Two at the rear.

57. LIGHTBAR

One (1) Whelen NFPA Freedom® lightbar shall be installed.

58. WARNING LIGHTS**ZONE A -- LOWER FRONT WARNING LIGHTS**

Two (2) Whelen ION SMR warning lights shall be installed in the lower front area of the cab. The lights shall be mounted in a black plastic flange bezel assembly.

ZONE B AND D -- INTERSECTION LIGHTS

Two (2) Whelen WIONSMR warning lights shall be installed. The warning lights shall be installed in lower front bumper, one (1) each side, as far forward as possible.

ZONE B AND D -- LOWER REAR CORNER WARNING LIGHTS

Two (2) Whelen WIONSMR warning lights shall be installed. The warning lights shall be located one (1) each side lower rear body corner, as far rearward as possible.

ZONE B AND D -- UPPER SIDE FRONT WARNING LIGHTS

Two (2) Whelen M6 Series Model M6R warning lights and a black flange shall be installed upper front body side panel. One (1) Each side.

ZONE B AND D -- UPPER SIDE REAR WARNING LIGHTS

Two (2) Whelen M6 Series Model M6R warning lights and a black flange shall be upper rear body side panel. One (1) Each side.

ZONE B AND D -- UPPER REAR WARNING LIGHTS

Two (2) Whelen M6 Series Model M6R warning lights and a black flange shall be installed in the upper rear body panel.

ZONE C -- LOWER REAR WARNING LIGHTS

Two (2) Whelen M6 Series Model M6R warning lights shall be installed. The warning lights shall be located one (1) each side.

59. CONTROL SYSTEM & SIREN

One (1) Whelen C399S control system shall be provided. Includes a 200-Watt Amplifier Control Module, Flashing Outputs, 3 CAN ports and Controls Up to 99 Devices/Remote Modules.

60. SIREN SPEAKER

One (1) Whelen Model #SA315

Location: Behind the front bumper.

61. BACK-UP ALARM

One (1) audible back-up alarm shall be installed.

62. DOT IDENTIFICATION LIGHTS

All LED identification lights shall be installed on the vehicle as required by applicable DOT regulations.

63. REFLECTIVE STRIPING

Reflective striping in accordance with NFPA 1900 shall be applied.

64. CAPACITIES PLACARD

The apparatus shall have a capacities placard that provides the following information:

- Chassis VIN number
- Pump model and Serial Number.
- Tank Capacity.
- Build Year.

65. FIRE PUMP OPERATIONS TEST

The fire pump shall have an operational pump test performed by a Iturri America INC. technician with a run time of four (4) hours to confirm proper operations of all pump related components.