



109 EAST BROADWAY • ALEXIS, ILLINOIS 61412 • P 800.322.2284 • F 309.482.6127 • SALES@ALEXISFIRE.COM

Gentlemen:

We hereby propose to furnish, after your acceptance, approval, and proper execution of the accompanying contract, the fire apparatus as follows:

One (1) Alexis SS Response 1 SD

As per specifications attached herewith.

TOTAL APPARATUS.....\$ *

* Does not include any applicable taxes. Any local or state tax, if applicable, must be added to the above price.

Shipment of completed apparatus shall be made within 240 calendar days after our approval of properly signed contract, subject to causes beyond our control. This proposal is made subject to your acceptance within thirty (30) days from date of same. If acceptance is delayed beyond that period, we will, upon request, advise you of any increase in said amount which may be occasioned by causes beyond our control.

Respectfully submitted,
ALEXIS FIRE EQUIPMENT COMPANY

By: _____

"QUALITY HAS NO SUBSTITUTE"



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PAYMENT TERMS

The chassis payment shall be made within ten (10) days of invoicing.

The balance of the contract plus any contract alterations shall be payable upon the delivery of the finished unit.

Upon payment, the Alexis Fire Equipment Company shall furnish the purchaser a "Statement of Origin" or the necessary validated documents required for title application.

Additional payment terms available upon request.



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ISO 9001:

Alexis Fire Equipment Company operates a Quality Management System under the requirements of ISO 9001. These standards, sponsored by the "International Organization for Standardization (ISO)," specify the quality systems that shall be established by the manufacturer for design, manufacture, installation and service.



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DIGITAL PHOTOGRAPHS:

Digital photographs of apparatus under construction are taken on a weekly basis and emailed to a department supplied email address. Additionally, these photos are uploaded to our website at www.alexisfire.com allowing those department members who may not have access to the emailed photos to track the progress of the unit.



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SERVICE CENTER:

The Alexis Priority-One service team is staffed with factory trained mechanics ready to meet your service requirements. Our staff is continually working on maintaining updated EVT and ASE certification.

The Alexis Service Team is available 24 hours a day, 7 days a week for your service emergencies. We use the latest paging system for fast, efficient and reliable service.

Our service facility covers an area of approximately 14,000 square feet.

The Alexis Service Team can assist you in fire apparatus service, ambulance service, aerial device maintenance, generator and rescue tool maintenance and service, and air pack inspections. Our staff can provide our customers with a complete apparatus training program, meeting the latest training requirements.

Alexis is a single source warranty center for the following manufacturers: HME, Spartan Motors, RK Aerials, Hale Products, and Waterous.

Our service team has over 50 years of cumulative experience in the fire service industry. In addition, they are backed by our fabrication, electrical, and paint and finish departments. This combination of training and hands-on experience offers true reliability and dependability.

Alexis keeps detailed documentation of all repair, maintenance, and inspection performed by our personnel. With time and manpower at such a premium among many fire departments, why not allow the Alexis Service Team to set up and maintain records for your fleet?

The Alexis Service Team is committed to providing prompt and courteous service, quality products and fair pricing.

Business: Alexis Fire Equipment Company

Contact Person: Barb Lafferty

Location: 109 East Broadway Alexis, IL 61412

Phone: 800-322-2284



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DELIVERY:

The finished apparatus shall be picked up by the dealer organization at the plant site of the Alexis Fire Equipment Company in Alexis, Illinois.

To insure proper break-in of all drive train components while under warranty, the finished apparatus shall be delivered to the purchaser under its own power.

The apparatus shall be covered by comprehensive and liability insurance during the delivery period. The purchaser shall assume the insurance obligation on acceptance, and at that time shall present to the manufacturer's agent a certificate of verification, showing liability, comprehensive and collision insurance coverage.



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GENERAL INFORMATION:

LOCATION

The Alexis Fire Equipment facilities are located at 109 East Broadway, Alexis, Illinois 61412. We maintain a complete stock of parts and services available around-the-clock. We also propose to maintain parts and service for a minimum period of twenty (20) years on all apparatus which is manufactured.

NOTATION

To further assure the customer of our ability to manufacture quality fire apparatus, we are proud of the fact that Alexis Fire Equipment Company is family-owned and has been in the fire apparatus business since 1947.

PERSONNEL CAPACITIES

To meet the spirit of N.F.P.A. 1500 paragraph 6.3.1, this apparatus has been designed to transport not more than five (5) people.

6.3 Riding in Fire Apparatus

6.3.1 All persons riding in fire apparatus shall be seated and belted securely to the vehicle by seat belts in approved riding positions and at any time the vehicle is in motion. Standing or riding on tailsteps, sidesteps, running boards or in any other exposed position shall be specifically prohibited.

INFORMATION TO BE PROVIDED:

Alexis Fire Equipment Company shall supply, at the time of delivery, the following documents:

- A) The manufacturer's record of apparatus construction details, including the following information:
1. Owner's name and address
 2. Apparatus manufacturer, model, and serial number.
 3. Chassis make, model, and serial number.
 4. GAWR of front and rear axles.
 5. Front tire size and total rated capacity in pounds.
 6. Rear tire size and total rated capacity in pounds.
 7. Chassis weight distribution in pounds with water and manufacturer mounted equipment.



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8. Engine make, model, serial number, number of cylinders, bore, stroke, displacement and compression ratio, rated horsepower and related speed, and no-load governed speed.
 9. Type of fuel and fuel tank capacity.
 10. Electrical system voltage and alternator output in amps.
 11. Battery make and model, capacity in CCA.
 12. Transmission make, model, and type.
 13. Pump to drive through the transmission (yes or no)
 14. Engine to pump gear ratio used
 15. Pump make, model, rated capacity in g.p.m., serial number, number of stages, and impeller diameter in inches.
 16. Pump transmission make, model, and serial number.
 17. Priming device type.
 18. Type of pump pressure control system.
 19. Auxiliary pump make, model, rated capacity in g.p.m., serial number, number of stages, and impeller diameter in inches.
 20. Water tank certified capacity in gallons.
 21. Aerial device type, rated vertical height in feet, rated horizontal reach in feet, and rated capacity in pounds.
 22. Paint numbers
 23. Company name and signature of responsible company executive.
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- B) If the apparatus has a fire pump, the pump manufacturer's certification of suction capability.
 - C) If the apparatus has a fire pump, a copy of the apparatus manufacturer's approval for stationary pumping applications.
 - D) If the apparatus has a fire pump, the engine manufacturer's certified brake horsepower curve for the engine furnished, showing the maximum no-load governed speed.
 - E) If the apparatus has a fire pump, the pump manufacturer's certification of hydrostatic test.
 - F) If the apparatus has a fire pump, the certification of inspection and test for the fire pump.
 - G) If the apparatus has an aerial device, the certification of inspection and test for the aerial device.
 - H) If the apparatus has an aerial device, all the technical information required for inspections to comply with NFPA.
 - I) Weight documents from a certified scale - showing actual loading on the front axle, rear axle(s), and overall vehicle (with the water tank full but without personnel, equipment, and hose) - shall be supplied with the completed vehicle.
 - J) Written load analysis and results of the electrical system performance tests.
 - K) If the apparatus is equipped with a water tank, the certification of water tank capacity.
 - L) If the apparatus has a fire pump, two (2) copies of the pump operation and maintenance manual.
 - M) Two (2) destination effective wiring diagrams.
 - N) Copies of electrical and mechanical component manuals for equipment purchased on or with the apparatus.



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- O) A sketch of the booster tank indicating all dimensions and baffle locations.
- P) If the apparatus has a pump, one (1) certification of third party test

WARRANTY:

Alexis Fire Equipment Co., Inc. warrants each new piece of fire and rescue apparatus manufactured by Alexis to be free from defects in material and workmanship under normal use and service for a period of one year from the date of delivery. Our obligation under this warranty is limited to furnish any parts to replace those that have failed due to defective material or workmanship, as the company may elect, provided that such part, or parts shall be returned to us not later than one year after delivery of such vehicle. All water tanks will be warranted as stated herein and may have extended warranty as explained elsewhere in the Alexis Fire Equipment Co. Proposal.

This warranty will not apply:

- 24. To normal maintenance services including, but not limited to, electrical lamps, valve seals, normal lubrication and/or proper adjustment of minor items.
- 25. To any vehicle which shall have been repaired or altered outside of our factory, in any way so as, in our judgment, to affect its stability, nor which has been subject to misuse, negligence, or accident, nor to any vehicle made by us which shall have been operated at a speed exceeding the factory rated speed, or loaded beyond the factory rated load capacity.
- 26. To the chassis and associated equipment furnished with chassis, signaling device, generators, batteries or other trade accessories. These are warranted separately by their respective manufacturers.
- 27. To work performed by an outside service without prior authorization obtained from Alexis Fire Equipment.
- 28. To costs incurred from an outside service for non-warranty related items.

This warranty is in lieu of all other warranties, expressed or implied, and all other representations to the original purchaser and all other obligations or liabilities, including liability for incidental or consequential damages on the part of the company. We neither assume nor authorize any person to give or assume any other warranty or liability on the company's behalf unless made or assumed in writing by the company.

LENGTH AND/OR HEIGHT LIMITATIONS:



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OVERALL HEIGHT:

The OAH of the unit shall not exceed 7'-6".

OVERALL LENGTH:

The OAL of the unit shall not exceed 23'-6".

STATEMENT OF EXCEPTIONS – CHASSIS SYSTEMS:

The chassis to be utilized for this apparatus is supplied with an OEM installed seat belt indicator system; however, it will not specifically comply with requirements of NFPA 1901-2009 Section 14.1.3.10.

In addition, the chassis manufacturer will not allow an apparatus manufacturer to access any of the data from its electrical system to comply with NFPA 1901-2009 Sections 4.11 and 14.1.3.10; Vehicle Data Recorder and Seat Belt Indicator System.

Unauthorized access to the chassis electrical system voids all warranties and transfers all liability away from the chassis manufacturer. Due to this restriction, a Vehicle Data Recorder and a Seat Belt Indicator System will not be supplied or installed by Alexis Fire Equipment Company with this vehicle.

We hereby certify by the following signatures that we have read, understand and accept that upon delivery, the vehicle supplied by Alexis Fire Equipment Company will not specifically comply with NFPA Standard 1901-2009 Sections 4.11, and 14.1.3.10.

ALEXIS FIRE EQUIPMENT COMPANY

FIRE DEPARTMENT

Signature

Signature

Printed Name

Printed Name

Title

Title



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Date

Date



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STAINLESS STEEL RUNNING BOARDS:

One (1) set of Luverne stainless steel running boards, Model 549275, shall be installed under chassis cab doors. Running boards shall be 18 ga. stainless steel with 6" x 24" step pads at the vehicle's entrance.

WHEEL DRESS FULL WHEEL LINERS:

The front and rear wheels shall be dressed with polished, stainless steel wheel liners, hub covers and lug nut covers. Realwheels Model RW1600-2AK.

LABELS:

A permanent plate in the driving compartment shall specify the quantity and type of the following fluids used in the vehicle:

- Engine Oil
- Engine Coolant
- Chassis Transmission Fluid
- Pump Transmission Lubrication Fluid
- Pump Primer Fluid (if applicable)
- Drive Axle(s) Lubrication Fluid
- Air-Conditioning Refrigerant
- Air-Conditioning Lubrication Oil
- Power Steering Fluid
- Cab Tilt Mechanism Fluid
- Transfer Case Fluid
- Equipment Rack Fluid
- CAFS Air Compressor System Lubricant
- Generator System Lubricant
- Front Tire Cold Pressure
- Rear Tire Cold Pressure
- Maximum Tire Speed Ratings

A final manufacturer's certification of the GVWR or GCWR along with a certification of each GAWR, shall be supplied on a label affixed to the vehicle.



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A sign that reads "Occupants Must Be Seated and Belted When Apparatus Is in Motion" shall be provided. The sign shall be visible from each seated position.

A label that states the number of personnel the vehicle is designed to carry shall be located in an area visible to the driver.

A sign stating the overall height of the vehicle in feet and inches, the overall length of the vehicle in feet and inches, and the GVWR in tons shall be provided and mounted. The sign shall be visible to the driver of the vehicle while seated.

A label stating "Do Not Wear Helmet While Seated" shall be visible from each seating position.

FUEL TANK:

The chassis shall incorporate a rear fuel tank installed by the chassis manufacturer. The fill and vent shall be installed behind the left rear wheel. The fill shall be labeled with the type of fuel intended.

DIESEL EXHAUST FLUID TANK:

The chassis shall incorporate a DEF Fluid tank installed by the chassis manufacturer. The fill shall be installed in the left rear wheel area. The fill shall be labeled with the type of fluid intended.

HELMET STORAGE:

To meet the intent of NFPA 14.1.8.4.1, the helmet for each occupant shall be stored in an exterior compartment.

TIMBREN LOAD ABSORBERS:

Timbren load absorbers shall be installed on the rear suspension of the apparatus.

BODY:

RESPONSE ONE SS :

The SS Response 1 body system is a lightweight, corrosion-resistant body designed for emergency service application. The body is manufactured of Marine Grade 304 #4 finish stainless steel to give the product superior strength and dependability. The unit is designed with a 60" cab to axle to provide excellent maneuverability and flexibility.



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BODY:

The SS Response 1 body shall be constructed of 14 gauge 304 #4 finish stainless steel for dependability in the application of rapid intervention.

An independent custom structural stainless steel sub-frame supports the body. The sub-frame floats independent of the chassis frame.

The sub-frame is designed for emergency service application by using stainless steel structural tubing. It provides each compartment with total support to prevent the body from prematurely cracking under the extreme conditions common to the emergency service field.

The body is held in position by the U-Bolt method recommended and approved by the chassis manufacturer.

FRONT BODY PANELS:

The front of the Response 1 body is manufactured of 14 gauge 304 #4 finish stainless steel

REAR BODY PANELS:

The rear of the Response 1 body is manufactured 14 gauge 304 #4 finish stainless steel for ease of maintenance.

ROOF OF THE APPARATUS - REMOVABLE AREA:

The removable roof area of the apparatus body shall be manufactured of .125 aluminum treadplate. The treadplate roof shall break over the sides 2".

ALUMINUM WHEEL WELLS:

The rear wheel housing shall be constructed of 304 #4 finish stainless steel material, which shall incorporate a polished stainless steel fenderette. The circular interliner shall be manufactured of 3/16" Tivar 1000 polymer material.

The wheel well shall be a bolt in wheel well assembly for ease of maintance in the apparatus.

The polymer material is a chemical and corrosion resistant material, thereby preventing excess wear and corrosion from occurring due to wintertime road chemicals. The polymer material shall be held in place by the use of polymer retainers or bolts for ease of repair and access to the wheel well area.



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COMPARTMENT AREA:

The Response 1 compartments are constructed of 304 #4 finish stainless steel for longevity and dependability.

The compartments shall be bolted sweep out design for ease of cleaning. After construction the compartment seams shall be seam sealed with a Seca Flex Gray material to give the compartment a contiguous design through out the apparatus system

The compartment tops are covered with 304 #4 finish stainless steel. Each compartment top offers support for 500 lb. of weight (Both sides offer a combined total of 1000 lb. of weight carrying capacity). The compartment top area is coated with a Tectyl 185GW material prior to final assembly to act as a barrier and to prevent corrosion.

REAR BUMPER:

A bumper shall be installed at the rear of the apparatus. The bumper shall be designed as to allow access to the rear compartment without interference.

LEFT SIDE:

L1

A single door compartment assembly with a door opening of 27" wide x 50" high x partially transverse deep shall be provided ahead of the rear wheels on the left side. The transverse tube shall be 18" wide x full height.

L2

A roll-up door compartment assembly with a door opening of 40" wide x 25" high x 21" deep shall be provided over the rear wheels on the left side.

L3

A single door compartment assembly with a door opening of 27" wide x 50" high x 21" deep shall be provided behind the rear wheels on the left side.

RIGHT SIDE:



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R1

A single door compartment assembly with a door opening of 27" wide x 50" high x partially transverse deep shall be provided ahead of the rear wheels on the right side. The transverse tube shall be 18" wide x full height.

R2

A roll-up door compartment assembly with a door opening of 40" wide x 25" high x 21" deep shall be provided over the rear wheels on the right side.

R3

A single door compartment assembly with a door opening of 27" wide x 50" high x 21" deep shall be provided behind the rear wheels on the right side.

REAR:

A roll-up door compartment assembly with a door opening of 45" wide x 35" high x 91" deep shall be located at the rear of the body.

COMPARTMENT LAYOUT:

The compartment interiors shall be as follows:

L1:

Unistrut Tracking

L2:

Unistrut Tracking

One (1) full depth adjustable shelf (ves)

L3:

Unistrut Tracking

One (1) full depth adjustable shelf (ves)



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R1:

Unistrut Tracking

R2:

Unistrut Tracking

One (1) full depth adjustable shelf (ves)

R3:

Unistrut Tracking

One (1) full depth adjustable shelf (ves)

REAR:

BOX/PAN TYPE DOOR CONSTRUCTION:

The L1, L3, R1, and R3 side compartment doors shall be manufactured in a hemmed box design.

Each compartment door exterior shall be manufactured of 14 GAUGE smooth aluminum and each interior shall be 14 GAUGE aluminum . The door assembly shall be designed to prevent condensation buildup within the door interior. Insulation shall be installed between the inner and outer pans of each door.

Each door shall be supported with stainless steel piano hinges, 2" joint x ¼" pin. Each hinge shall be bolted to the door perimeter and door casement with stainless steel bolts, thereby facilitating door replacement. The door openings shall have closed cell automotive type seals to prevent water and dirt entry.

There shall be a seal applied to the outer perimeter of the door and a secondary seal on the inner flange of each compartment. A seal shall be provided between any double door compartments.

COMPARTMENT DOOR LATCHING:

The compartment doors (either vertically hinged or swing up doors) shall be secured by a Rotary latching system. The door handle shall consist of a stainless steel rotary D-ring latch. Each latch shall



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connect with a pair of strikers.. The secondary door of any double door compartment shall also include a stainless steel latch and striker system.

PAINTED ROLL-UP DOORS:

The L2 and R2 compartments shall have Robinson Roll-up Shutter Doors with a **painted** finish. The doors shall be made of an anodized aluminum slat incorporating an exclusive seal that prohibits water intrusion, absorbs shock, eliminates clatter, and provides quiet, vibration-free performance.

The rear compartment shall have Robinson Roll-up Shutter Door with a **satin** finish. The door shall be made of an anodized aluminum slat incorporating an exclusive seal that prohibits water intrusion, absorbs shock, eliminates clatter, and provides quiet, vibration-free performance.

DOOR GUARD:

There shall be a .125" aluminum treadplate door guard located at the top of the compartment to protect the painted surface of the ROM door from damage while the door is open. The door opening height as stated will be reduced by approximately 2" to accommodate the door guard.

The roll-up door side tracks and top drip rail shall remain **satin** finish.

COMPARTMENT LIGHT:

One (1) 5" T41 Series LED light shall be installed in each apparatus compartment. The compartment lights shall be switched automatically with the doors. The lighting shall meet the requirements of NFPA 13.10.5

REMOVABLE REAR DOOR:

There shall be one (1) ROM roll-up door with removable door header located at the rear of the apparatus. The center rear upper body shall be removable for future modification of the body.

BODY DESIGN FOR SKID SYSTEM :

The body shall be designed as to allow for the removal of the rear roll up door and the center treadplate area of the body for the installation of a skid unit system.

The skid unit with the 4-door cab shall have a maximum capacity of 250 gallons of water.

RUB RAILS:



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Bolt on aluminum rub rails shall be installed, below the compartment doors. Said rub rails will be fabricated of a polished "C" channel aluminum, mounted to the body surface utilizing ¼" plastic spacers. The channel designed rub rail shall incorporate a highly reflective red and white reflective stripe to aid in apparatus protection.

VERTICAL UNISTRUT IN COMPARTMENT:

One (1) compartment(s) shall incorporate stainless steel unitstrut tracking vertically installed on the walls for the adjustable shelving. The tracking will allow the shelving to be adjustable to height with eight (8) bolt lock. The tracking shall be installed from the floor of the compartment to approximately 4" below the ceiling of the compartment, allowing full height adjustability.

ADJUSTABLE SHELVING:

The adjustable shelving as previously specified shall be installed in the apparatus compartmentation, utilizing the unistrut tracking. Each shelf shall be manufactured in a "U" break design, with 2" lip on front and rear of shelf. Each shelf shall be manufactured from a .190 material.

12 VOLT ELECTRICAL:

ELECTRICAL WARRANTY:

Alexis Fire Equipment Co., Inc. warrants each new piece of Alexis fire and rescue apparatus to be free from defects in material and workmanship under normal use and service. Our obligation under this warranty is limited to repairing or replacing, as the company may elect, any part or parts thereof which shall be returned to us with transportation charges prepaid, and as to which examination shall disclose to the company's satisfaction to have been defective, provided that such part, or parts shall be returned to us within five (5) years or 40,000 miles after delivery of such vehicle. Such defective part or parts will be repaired or replaced free of charge and without charge for installation to the original purchaser.

Prior to any warranty work being performed on the unit, a Warranty Authorization Number must be obtained from Alexis Fire Equipment.

Items specifically covered are:

- Electrical harnesses and harness installation
- Printed circuit board
- Switches, circuit breakers and relays

Items excluded are:



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- Chassis electrical systems and components installed by chassis manufacturer
- Separately manufactured items installed by Alexis Fire Equipment including, but not limited to; batteries, sirens, battery chargers, inverters, lightbars and similar equipment. (These are covered by warranties supplied by the manufacturer of the components).
- Periodic tightening and cleaning of connection terminals as this is considered routine maintenance
- Normal wear, abuse, accident, negligence or un-approved alteration of original parts.

Should repairs become necessary under the terms of this warranty, the extent of that repair shall be determined solely by Alexis Fire Equipment and shall be performed solely by Alexis Fire Equipment or a repair facility designated by Alexis. The expense of any transportation to or from such repair facility shall be that of the purchaser and is not an item covered by this warranty.

Alexis Fire Equipment reserves the un-restricted right at any time to make changes in design of and/or improvements on its products without thereby imposing any obligation on itself to make corresponding changes or improvements in or on its products theretofore manufactured.

12 VOLT ELECTRICAL SYSTEM:

The electrical system shall be engineered to provide many years of dependable, trouble free service.

The 12-volt apparatus wiring shall be completely independent of the chassis electrical system. The system shall incorporate a state-of-the-art electrical distribution center

FLOOR MOUNTED CONSOLE FOR EMERGENCY SWITCHES:

One (1) 12-volt floor mounted console shall be installed in the apparatus. The console shall be manufactured of aluminum material and finished to accent the cab design.

MAP/BINDER STORAGE:

There shall be a map/binder storage area incorporated into the console at the rear. The storage area shall incorporate one (1) divider, providing two (2) slots for map/binder storage.

RADIO:

One (1) radio(s) shall be installed by the customer after receipt of the completed apparatus.

ON BOARD BATTERY CHARGER:



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One (1) Progressive Dynamics PD2140 battery charger shall be installed on the vehicle. The unit shall be located in the L1 compartment.

The PD2140 is a 40-amp Electronic Marine Converter/Charger capable of charging up to three separate banks of batteries at the same time. It incorporates a microprocessor that constantly monitors battery voltage, then automatically selects one of four operating modes to ensure safe, rapid recharging cycles. The Storage Mode and the Equalize Mode of operation ensures minimum battery gassing and water loss while preventing battery stratification and sulfation. All Intelli-Power chargers are designed to meet the stringent requirements of the Marine environment and are UL listed for safety. A digital meter displays current, voltage, operation mode, blown fuse indication, and battery type.

KUSSMAUL SUPER AUTO EJECT SHORELINE CONNECTION - 120V:

One (1) Kusmaul super auto eject Model 091-55-20-120 with a standard yellow weather cover shall be installed on the apparatus. The super auto eject is a completely sealed automatic power line disconnect. One (1) 120-Volt shoreline shall be supplied between the fire station power and the apparatus.

The shoreline connection shall be located in the left rear wheel well area, ahead of the wheels.

MASTER SWITCH:

A 12 Volt Cole-Hersee Rotary switch shall be installed. When in the OFF position, the master switch system shall isolate all electrical power from the apparatus. It shall not interrupt any primary battery/starter wiring originally furnished by the chassis manufacturer.

TIRE PRESSURE MONITORING DEVICE:

There shall be a tire pressure indicator voucher provided with the completed apparatus. The voucher shall be for mechanical style tire pressure indicators for the front and rear tire valve stem. The indicator shall provide visual indication of pressure in the specific tire.

The tire pressure indicators shall be redeemed upon the receipt of the voucher for installation by the customer.

The devices shall consist of a valve stem cap top with red and green color coding to indicate tire pressure conditions. If the cap is ALL GREEN the tire is properly inflated. If the cap is HALF GREEN/ HALF RED, the tire is approximately 10% under inflated. If the cap is ALL RED, the tire is 20% or more under inflated.



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LIGHTBAR:

One (1) Weldon 54" Aero-Maxx II LED lightbar, Model 9185-1554-00, shall be mounted on the cab roof. The lightbar shall be switched from the in cab switch panel. This lightbar fills the requirements of Zone A Upper, Zone B Upper, and Zone D Upper.

WARNING LIGHTS (FRONT):

Two (2) Weldon Model V26W-C00R red Diamond Back LED lights shall be mounted on the front of the apparatus, one (1) on each side. The lights shall include chrome bezels. These lights shall be switched from the in cab switch panel. These lights fill the requirements of Zone A Lower.

WARNING LIGHTS (SIDE):

One (1) Weldon Model V26W-C00R and one (1) Weldon Model V46W-C00R red Diamond Back LED lights shall be mounted on each side of the apparatus. The lights shall include chrome bezels. These lights shall be switched from the in cab switch panel. These lights fill the requirements of Zones B and D Lower.

WARNING LIGHTS (SIDE):

Two (2) Weldon Model V79W-C00R red Diamond Back LED lights shall be mounted at the rear of the apparatus one (1) each side in the upper area. The lights shall include chrome bezels. These lights shall be switched from the in cab switch panel. These lights fill the requirements of Zone C Upper.

WARNING LIGHTS (REAR):

Two (2) Weldon Model V46W-C00R red Diamond Back LED lights shall be mounted one (1) on each side at the rear of the apparatus. The lights shall include chrome bezels. These lights shall be switched from the in cab switch panel. These lights fill the requirements of Zone C Lower.

REAR DRIVING SIGNALS- WELDON:

The rear driving signals shall consist of six (6) lights; three (3) on each side of the apparatus. The signals shall be Weldon LED 4672 Series: LED Red-Brake/Tail, LED Amber Arrow-Turn, and 4641 series **halogen** white back-up. They shall be surface mounted in a 4-position housing with the lower level warning lights.

ELECTRONIC SIREN:



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One (1) Whelen Model 295SLSA1 siren shall be installed in the apparatus. The siren shall be mounted in the cab and shall include a noise-canceling microphone.

SIREN SPEAKER:

One (1) Whelen Model SA315 100 watt siren speaker shall be installed in the apparatus bumper.

BACKUP ALARM:

One (1) Federal Model 210339, 12 volt electronic backup alarm shall be incorporated on the apparatus. The backup alarm shall be a minimum of 97db and switched with the backup light circuitry.

ICC LIGHTING:

Tecniq S34 Series LED Clearance lights shall be installed on the apparatus. They shall be hermetically sealed cartridge lights for ease of service and durability.

HAZARD LIGHT:

A red, LED flashing light located in the driving compartment shall be illuminated automatically whenever the apparatus parking brake is not fully engaged and any passenger or equipment compartment door is open, any ladder or equipment rack is not in the stowed position, a stabilizer system is deployed, a powered light tower is extended, or any other device is opened, extended, or deployed that creates a hazard or is likely to cause damage to the apparatus if the apparatus is moved. The light shall be marked "Do Not Move Apparatus When Light Is On".

LED COURTESY LIGHTS (UNDER CARRIAGE LIGHTING):

A 5" 12-volt T41 Series LED light shall be located under each area designed for personnel to climb onto the apparatus or descend from the apparatus to the ground level. Lighting designed to provide illumination on areas under the driver and crew riding area exits shall be activated automatically when the exit doors are opened. All other ground area lighting shall be switched with the parking brake.

FINISH:

Delivery Prep -- Brush Truck/RS1/Small Rescue

COMPARTMENT INTERIOR FINISH:



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The interior of the compartments shall be #4 stainless steel finish

APPARATUS COLOR:

The color of the apparatus doors shall be as follows:

COLOR: Red to match the chassis cab

CHASSIS COLOR:

The color of the chassis as supplied by the chassis manufacturer shall be as follows:

COLOR: Red

CODE: Ford F1

CAB LETTERING:

Vinyl lettering as described below shall be applied to the chassis cab door, one (1) each side. Each letter shall be 2½" to 3½" high and hand applied.

Vinyl letters/numbers shall be applied to the chassis cab fender area, one (1) each side. Each letter/number shall be 2½" to 3½" high and hand applied.

The lettering vinyl style shall be simulated gold leaf.

The lettering font style shall be Eurostile Bold.

The lettering font highlight type shall be shadow.

LAMINATION WARRANTY:

The apparatus shall be covered by a three (3) year warranty against defects in material and workmanship with the graphics process

REFLECTIVE STRIPING:

The finished apparatus shall be striped white with 4" reflective Scotchlite striping.

REFLECTIVE STRIPING IN THE CAB:



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Two-inch red and white striped retro-reflective material shall be placed on the inside of each opening cab door. The material will be at least 96 square inches, meeting current NFPA standards.

DIAMOND GRADE CHEVRON STRIPING:

The rear of the apparatus shall be striped with Diamond Grade retro-reflective striping. The striping shall be applied in a chevron pattern sloping downward and away from the centerline of the apparatus at a 45° angle. The striping shall be single color alternating between red #3992 and fluorescent yellow-green #3983.

The striping shall be applied in the following locations: vertical surfaces of the body at the rear, outboard of the rear compartment door.

EQUIPMENT:

NFPA EQUIPMENT CLARIFICATION:

Any equipment specified in the “Minor Equipment” section (e.g. hose, nozzles, adapters, AED, traffic cones, traffic safety vests, etc.) of NFPA 1901 for each apparatus classification (see below) which is not specified in this proposal shall be considered to be customer supplied and installed.

Apparatus Type	NFPA Section
Pumper	5.8
Initial Attack	6.7
Mobile Water Supply	7.7
Aerial	8.8
Quint	9.8
Special Service	10.5
Mobile Foam	11.9