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[www.ldvusa.com](http://www.ldvusa.com)

**PRELIMINARY  
SPECIFICATIONS FOR:**

**ARLINGTON HEIGHTS FD (IL)  
EQUIPMENT TRUCK**

**LDV PROPOSAL # C22EEQ-35609-23**

**DATE  
November 15, 2023**



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**TABLE OF CONTENTS**

CHASSIS: .....4  
BODY:.....5  
PAINT / GRAPHICS: .....7  
DRIVER / PASSENGER CAB AREA: .....8  
CABINETS:.....9  
AC ELECTRICAL SYSTEM:..... 10  
DC ELECTRICAL SYSTEM: ..... 11  
EMERGENCY LIGHTING / SIRENS: ..... 13  
RADIOS: ..... 15  
COMPUTER NETWORK AND EQUIPMENT: ..... 15  
EXTERIOR STORAGE COMPARTMENTS: ..... 15  
MISCELLANEOUS OTHER: ..... 18



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**PRICING PAGE:**

Total price per unit as specified, FOB Origin \$473,510.00

Delivery charge: Not included \$0.00

<b>Total price per unit</b>	<b>\$473,510.00</b>
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Delivery terms: Ask your Sales Representative.

Payment Terms: 33% at Chassis Arrival, 33% at Body Fabrication/Installation, and 34% at Completion.

Quote is firm until 12/31/2023.

Quoted price does not include any applicable FET, federal, state or local tax unless specified.



CUSTOM SPECIALTY VEHICLES

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Item	Qty	
1.00		<p><b><u>CHASSIS/BODY DIMENSIONS:</u></b></p> <ul style="list-style-type: none"> <li>• Wheelbase of chassis: 203"</li> <li>• Cab to axle: 84"</li> <li>• Overall length of apparatus, including rear step: 28'-0"</li> <li>• Overall apparatus width: 96", not including drip rail, lighting, etc.</li> <li>• Overall height of apparatus (fully loaded): 9'-3"</li> </ul> <p>* Estimated measurement based on fully loaded vehicle, dependent on chassis components, axles, tires, frame, and suspension. Unloaded vehicle may increase the overall height.</p> <p>Final measurements are dependent on body builder, chassis components, axles, tires, frame, and suspension.</p>
2.00		<p><b><u>CHASSIS:</u></b></p>
2.01	1	<p>2024 Ford F-550 Gasoline XL 4x4 SD Crew Cab</p> <ul style="list-style-type: none"> <li>• 203" WB, 84" CA</li> <li>• GVWR: 19,500 lb Payload Plus Upgrade Package</li> <li>• Engine: 7.3L V-8 DEVCT variable valve control, 335HP</li> <li>• Alternator – 250 Amps</li> <li>• (1) 78 AH 750 CCA battery</li> <li>• Fuel tank 40 gallon</li> <li>• Transmission: TorqShift 10-speed automatic</li> <li>• Limited slip rear w/4.88 axle ratio</li> <li>• Tires: 225/70Rx19.5G BSW</li> <li>• Wheels: 19.5" Argent painted steel</li> <li>• 6-ton Hydraulic Jack</li> <li>• HD Vinyl 40/20/40 Split Bench Seat</li> <li>• Power Equipment Group               <ul style="list-style-type: none"> <li>- Trailer Tow Mirrors</li> <li>- Power Front &amp; Rear Side Windows</li> <li>- Power Locks</li> <li>- Remote Keyless Entry</li> </ul> </li> <li>• Radio: AM/FM Stereo/ MP3</li> <li>• Steering Wheel-Mounted Cruise Control</li> <li>• Trailer Brake Controller</li> <li>• Low Deflection Package.</li> <li>• Color: Ford Race Red</li> </ul>
2.02	1	Tint rear windows in cab to 5%.
2.03	1	Federal Signal Back-up alarm model 210331.
2.04	1	US DOT triangle reflector kit with three (3) triangles, for compliance with FMCSA regulations. Includes plastic storage case. Kit will be shipped loose in the vehicle.



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2.05	1	<p>Custom fabricated Class IV receiver hitch with heavy duty "D" rings for the trailer safety chains (receiver and ball not included). Includes:</p> <ul style="list-style-type: none"> <li>• Hopkins Endurance 7-blade Heavy Trailer Connector Socket.</li> <li>• Utilizes Factory Ford brake control.</li> <li>• Painted Black.</li> </ul> <p>Note: Trailer hitch is rated for 10,000lb., however, towing capacity is limited to maximum Combined Gross Vehicle Weight Rating (CGVWR).</p>
2.06	1	<p>The exhaust shall terminate with a horizontal tailpipe at rear towards curbside, under bumper, at slight angle towards right.</p> <p><b>NOTE:</b> Plymovent will be fitted on exhaust by customer after delivery.</p>
2.07	1	<p>One (1) set custom LDV running boards. Board surface will be Diamondback serrated aluminum extruded plank with outer nosing edge and vent openings for material and liquid to drain through.</p> <p><b>NOTE:</b> Custom brackets will be fabricated to mount the step putting the top of step surface at approximately 17" in front and 18.5" in rear. Running boards and brackets will be powder coated Belgian Black No-Slip.</p>
3.00		<b><u>BODY:</u></b>
3.01	1	<p>LDV .125" aluminum body - length 142", width 96", over all height 88", with NFPA treadplate roof.</p> <p><b><u>BODY SUMMARY</u></b></p> <ul style="list-style-type: none"> <li>• Body construction will be 1/8" aluminum.</li> <li>• Roof shall be constructed of 0.125" NFPA embossed aluminum tread plate with a separate drip rail.</li> <li>• Subframe will be 1/4" and 1/8" aluminum members.</li> <li>• Rubber isolator will be used between subframe and chassis frame.</li> <li>• Body will be fastened to the frame of the chassis with U-bolts.</li> <li>• Compartments as shown on drawing.</li> </ul> <p>Compartment swing doors will be constructed to the following specifications:</p> <ul style="list-style-type: none"> <li>• 2" box pan doors and door frames fabricated from 0.125" aluminum.</li> <li>• Stainless steel hinges attached with stainless machine screws.</li> <li>• Slam latches and flush mounted handles.</li> <li>• Dual strikers per door.</li> <li>• Gas assist struts to hold doors open.</li> <li>• 0.100" bright polished aluminum diamond plate on interior surfaces fastened with stainless hardware.</li> <li>• All doors shall be sealed with industrial grade neoprene gasket.</li> </ul>
3.02	1	<p>Install Diamond plate stone guards, lower front body corners. Approx. dim's 24"H x 12"W, radiused around body corner.</p>
3.03		<p>Line-x bed liner or equivalent on the outside surface of diamond plate stone guard. Color is black.</p>
3.04	1	<p>Rubber fender flares, black (pair).</p>



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3.05	1	<p>Custom fabricated aluminum rear bumper with Diamondback serrated aluminum extruded plank with vent openings inset and flush to top of bumper, approximately 12.00" deep x 96.00" wide.</p> <p><b>NOTE:</b> Bumper will be powder coated Belgian Black No-Slip.</p>
3.06	1	<p>One (1) pair of rectangular rubber dock bumpers, 3-1/2"H x 6"W x 3-1/2"D installed on rear face of bumper.</p>
3.07	1	<p>Flip-down aluminum step on rear bumper with Diamondback step surface and stainless-steel rails and bolt on mounts. Step shall have slots in rails for securing step in stow and down position.</p> <p><b>NOTE:</b> Step to be 43" for double doors Open grating step tread Step will be powder coated Belgian Black No-Slip. Stainless steel brackets will remain unfinished.</p>
3.08	2	<p>Custom underbody pull-out platform/step fabricated from embossed 0.125" aluminum tread plate, on aluminum slides that lock in the in and out position, 700lb capacity, 70% extension, enclosed in and aluminum cassette.</p> <p><b>NOTE:</b> This platform shall be used as a seat, and platform to reach inside compartment. Stainless steel sill at front edge to prevent the lock from chipping the paint.</p>
3.09		<p>LED Marker/Clearance lights with rear reflectors according to FMVSS. Includes: The modular body shall have four (4) amber LED marker lights at the front portion, and seven (7) red LED marker lights at the rear portion of the body.</p> <ul style="list-style-type: none"> <li>• Four (4) TecNiq Amber LED marker light #S34-AA00-1 0.97" diameter with rubber grommet. <ul style="list-style-type: none"> <li>- One (1) each front corner facing the side.</li> <li>- One (1) each front corner facing the front.</li> </ul> </li> <li>• Seven (7) TecNiq Red LED marker light #S34-RR00-1 model 0.97" diameter with rubber grommet. <ul style="list-style-type: none"> <li>- One (1) each rear corner facing the side.</li> <li>- One (1) each rear corner facing the rear.</li> <li>- Three (3) centered on rear, spaced not less than six (6) inches or more than twelve (12) inches apart.</li> </ul> </li> <li>• All at the same height.</li> <li>• As near the top as practical.</li> </ul>
3.10	4	<p>Red reflectors per FMVSS. 1 5/8" x 4 5/16" Red Reflex Sticker.</p> <p><b>NOTE:</b> Rear Reflex Reflectors: On the rear - minimum 2 - symmetrical - as far apart as practical - facing rearward - 15"-60" height from ground Rear Side Reflex Reflectors: Each side at rear - minimum 2 - as far back as practical - facing sideward - 15"-60" height from ground</p>
3.11	1	<p>Cast aluminum fuel filler/Chassis fuel tank</p> <ul style="list-style-type: none"> <li>• The fill housing shall have a spring loaded fuel door.</li> </ul>



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3.12	1	Whelen Stop/Turn/Tail/Backup light set. Includes two of each of the following: <ul style="list-style-type: none"> <li>• Whelen M6FCV3 black vertical housings for three M6 series lighthoods.</li> <li>• Whelen M6 series LED arrow shaped amber turn signal, model number M62T.</li> <li>• Whelen M6 series LED brake/tail light heads, model number M62BTT.</li> <li>• Whelen M6 series LED back-up light heads, model number M62BU.</li> </ul>
3.13	1	Entire underside shall be undercoated. Includes floor extrusions, step wells and aluminum compartments.
3.14	1	LDV rear mud flaps. Includes anti-sail brackets when required.
3.15	1	Warn M12-S Heavyweight winch mounted at front bumper. Product features: <ul style="list-style-type: none"> <li>• M12-S - 12,000 lb. pulling capacity (single line) 97720</li> <li>• 100' of Spydura synthetic rope, pre-spoiled drum</li> <li>• Hawse Fairlead (rolled edge)</li> <li>• Durable 3-stage planetary geartrain for smooth, reliable, operation</li> <li>• Efficient 4.6 hp Series Wound Motor</li> <li>• Warn Gen II Trans4mer bracket kit 98080, carrier 90110</li> <li>• Black grill guard 98090</li> <li>• 30' accessory remote control cable 13447</li> </ul> <p><b>NOTE:</b> Winch includes two painted steel tow hooks, mounted to carrier at front of vehicle and a stainless steel shackle mounted underneath to hook to during transit.</p>
4.00		<b><u>PAINT / GRAPHICS:</u></b>
4.01		Body: Base color shall be Ford race red base coat clear coat to match cab. Upper portion of body only shall be black base coat clear coat from cab roofline up. Cab: Pillars from bottom of windows up and roof of cab will be painted black base coat clear coat. <b>NOTE:</b> Red: PQ_01 Ford Race Red. Black: DX8
4.02		Paint wheels black.
4.03		Zolatone interior of body, compartment walls and ceiling. <b>NOTE:</b> Color: Zolatone 20-64 Gray Stone
4.04		Zolatone bulkheads and shelves for cab storage units. <b>NOTE:</b> Color: Zolatone 20-64 Gray Stone
4.05		Zolatone loose shelves and trays in body (except those listed with special finishes elsewhere in spec). <b>NOTE:</b> Color: Zolatone 20-64 Gray Stone
4.06	1	4-inch wide reflective stripe on the exterior sides of the vehicle. <b>NOTE:</b> Black reflective



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4.07	1	1-inch wide simulated gold leaf stripe at two-tone paint line.
4.08	1	Custom computer-generated simulated gold leaf vinyl graphics per customer specifications. Lettering shall be shaded or outlined.
4.09	1	6-inch wide Chevron pattern conspicuity stripes on the exterior back of the vehicle flanking the doors. <b>NOTE:</b> Rear chevron colors are red/fluorescent yellow.
4.10	2	Custom computer-generated non-reflective vinyl shield. Customer shall supply true vector artwork required to produce shield. <b>NOTE:</b> ISO CLASS symbol
5.00		<b><u>DRIVER / PASSENGER CAB AREA:</u></b>
5.01	1	Custom fabricated console in cab, for locating siren controller, police radio and/or other controls as specified elsewhere in this document. <b>NOTE:</b> Powder coat textured black. Back of console will be as close to bulkhead from rear shelving as possible. Layout front to back: Siren control with magnetic mic clip DC master disconnect next to Siren Door ajar light next to Siren Radio with magnetic mic clip Radio with magnetic mic clip Two (2) stainless steel cupholders Storage cubby for customer's gloves
5.02		Install customer supplied Knox box. <b>NOTE:</b> Requires 12Vdc power. Power will be controlled by auxiliary battery disconnect switch. Includes a CAT6 cable for future programming.
5.03		Install customer supplied Gas Meter charger. <b>NOTE:</b> Requires constant 12Vdc power.
5.04	1	Havis Shield C-DMM-3006 swing up device mount installed for the following customer equipment. • Panasonic Toughpad FZ-G1 – Part# FZ-G1U2-01VM • Havis - FZ-G1 Docking Station w/ 90 Watt Power Supply – Part# DS-PAN-701-2 & LPS-114 <b>NOTE:</b> Mount will have 12V constant power and a CAT6 cable ran to modem.
5.05		Cab Area Additions: • Vehicle height sign on dash. • Vehicle shall have a Final Stage Vehicle Certification and Altered Vehicle Certification as required by Federal Motor Vehicle Safety Standards (FMVSS) 49 CFR Part 567.5 and 567.7 • Payload sticker in cab area with vehicle axle load ratings and available axle payload as built.





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5.06	1	Color back up camera system with 7" LCD monitor and day/night camera. Camera includes a microphone for audio commands from a spotter to the driver during backing operations. <b>NOTE:</b> Monitor mounted at factory rear view mirror position.
5.07	1	Rear view mirror mount bracket for back up camera monitor.
5.08	1	Dual stuttertone air horns. Includes: <ul style="list-style-type: none"> <li>• Two (2) black 18" stuttertone horns.</li> <li>• Driver activated foot switch with orange cover.</li> <li>• Passenger activated console switch.</li> <li>• Two gallon remote air tank.</li> <li>• 12V air compressor.</li> </ul> <b>NOTE:</b> Air horns are mounted under front bumper sticking through the valance. Tank and compressor are mounted in the body. Console switch mounted on right of console.
5.09	1	Red flashing warning light located in center console to warn of an open compartment door. Light to be Red lamp 1/2D HWH. <b>NOTE:</b> Cab doors not included.
5.10	14	Door ajar contact/magnet.
5.11	1	"Pole light deployed" warning light on console.
5.12		Transmission Interlock to prevent vehicle from moving when any of the external extension devices are deployed. <b>NOTE:</b> For pole lights and doors open on body.
6.00		<b><u>CABINETS:</u></b>
6.01	4	Aluminum box pan shelf, up to 60" wide. <b>NOTE:</b> Mounted in rear interior of cab. 1" lip, welded corners, add trim lock to top of edge of outer lip. Bottom shelf on passenger side is fixed with access panel to electrical components below it.
6.02		Heavy extruded aluminum B-Line channel fastened to bulkheads for shelf support.
6.03		Custom made aluminum bulkheads for shelving units in rear interior of cab. <b>NOTE:</b> Seats need to be adjustable and have some recline with bulkhead installed.
6.04	2	PAC Tool Hookmount 1029. <b>NOTE:</b> Mounted on bulkhead above center console for belts.
6.05	4	Ultra thin surface mount flexible LED lighting strip. <b>NOTE:</b> Lights to shine in on storage in rear seat. Lights are door activated.
6.06	1	Custom fabricated console to house electrical distribution components and control panels. <b>NOTE:</b> Located curb side bottom in rear of cab.



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7.00		<b>AC ELECTRICAL SYSTEM:</b>
7.01	1	30A 120/240Vac control panel with six (6) AC UL listed magnetic/hydraulic branch circuit breakers, each with an LED indicator, One (1) 30A main breaker with shore power reverse polarity indicator plus five breakers for branch circuits.
7.02	1	Kussmaul Auto Eject 20, 20A-120Vac shore power inlet with 25-ft. 20A-120Vac shore power cord. #091-20WP-120RD. <b>NOTE:</b> Mounted street side at wheel well. Red cover.
7.03	2	20A-125Vac duplex receptacle. Receptacle is not dedicated to any installed equipment. <b>NOTE:</b> One (1) in rear cab shelving at curb side and street side, flush mounted in rear bulkhead below the top shelf. Powered from shore power only, not inverter.
7.04	1	20A-125Vac duplex receptacle with dual USB charging ports. Receptacle is not dedicated to any installed equipment. <b>NOTE:</b> One (1) passenger side of cab console. This outlet is powered by inverter and shore power.
7.05	2	20A-125Vac GFCI duplex receptacle. These receptacles are not dedicated to any installed equipment. <b>NOTE:</b> One (1) street side front compartment, on side wall for scene lights. One (1) street side middle compartment, below the shelf, for the cordless battery charger. These outlets are powered by inverter and shore power.
7.06	2	20A-125Vac exterior GFCI duplex receptacle. <b>NOTE:</b> One (1) curb side wheel well. One (1) street side wheel well. Receptacle will be installed with a weatherproof cover.
7.07	1	Outback Inverter/Converter VFX2812M (or current model) 2800 watt 12Vdc 125Amp charger. Includes MATE2M Display & Controller, RTS Temp Sensor and Breaker Panel. Product features: <ul style="list-style-type: none"> <li>• Produces true sinewave AC electricity for stand-alone or backup power needs.</li> <li>• Automatic switching between AC power sources is seamless due to an AC transfer switch that reacts in less than 16 milliseconds.</li> <li>• Unique networked communication is built into all OutBack products providing complete integration.</li> <li>• Product is a DC to AC sinewave inverter, battery charger and AC transfer switch housed within a tough die-cast aluminum chassis.</li> </ul> <b>NOTE:</b> Unit located in curbside rear of cab in control panel console. Control will be in control panel face.



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7.08		<p><b>AC WIRING REQUIREMENTS:</b></p> <ul style="list-style-type: none"> <li>• All AC main wiring shall be stranded THHN wire and run in non-metallic liquid tight conduit.</li> <li>• All AC branch circuit wiring shall be stranded THHN wire (AWG 12 minimum) and run in non-metallic liquid tight and ENT conduit.</li> <li>• All electrical circuits and appliances shall conform to applicable national electrical codes.</li> </ul>
8.00		<p><b>DC ELECTRICAL SYSTEM:</b></p>
8.01	1	<p>Two (2) 6V Deep Cycle Glass Mat Batteries mounted in the interior in custom fabricated sealed battery box vented to exterior.</p> <p><b>NOTE:</b> Located in curbside front compartment behind gear. An access door from the middle compartment will be installed for service.</p>
8.02	1	<p>Battery combiner automatically combines the battery banks during charging and isolates when no charging sensed on either bank. A three position control switch allows an operator to manually combine or separate batteries, to jump start engine or troubleshoot a failure.</p> <p><b>NOTE:</b> Install a "LEAVE IN AUTO" label at combiner switch.</p>
8.03	1	<p>Dual Auxiliary Battery Disconnect System. Enables auxiliary battery disconnect to be activated from cab or load space area.</p>
8.04	4	<p>Whelen M7ZC Gradient LED Scene Light. Includes M7FC chrome flange.</p> <p><b>NOTE:</b> One switch per side of vehicle. Controlled with siren controller buttons (see siren controller for button layout). Locations</p> <ul style="list-style-type: none"> <li>• Two (2) street side, high</li> <li>• Two (2) curb side, high</li> </ul>
8.05	4	<p>Fire Research FCA530-V11-SW-H 12VDC telescoping light pole with Evolution II LED lamphead. Includes:</p> <ul style="list-style-type: none"> <li>• Light pole shall be anodized aluminum and have a knurled twist lock mechanism to secure the extension pole in position.</li> <li>• Extension pole shall rotate 360 degrees.</li> <li>• 3.5" offset mounting brackets</li> <li>• Wiring shall extend from the pole bottom with a 4' retractile cord</li> <li>• Operates at 12/24 volts DC, draw 7.5/3.75 amps, and generate 11,000 lumens.</li> <li>• The lamphead shall direct 50 percent of the light onto the action area while providing 50 percent to illuminate the working area.</li> <li>• The lamphead angle of elevation shall be adjustable at a pivot in the mounting arm and the position locked with a round knurled locking knob.</li> </ul> <p><b>NOTE:</b> Pole lights are switched with the Ford upfitter switches in the overhead console of the cab. Locations:</p> <ul style="list-style-type: none"> <li>• Two (2) front body</li> <li>• Two (2) rear body</li> </ul>

Item	Qty	
8.06	2	Truck-lite 4" LED grommet mount lower perimeter light, #44057C LED 44. <b>NOTE:</b> Lights activated by door ajar on body doors. Bracket painted to match body. Locations: <ul style="list-style-type: none"> <li>• One (1) street side under skirt in front of axle</li> <li>• One (1) curb side under skirt in front of axle</li> </ul>
8.07	5	15A-12Vdc power outlet. <b>NOTE:</b> Outlet is charger/lighter style automotive 12V outlet or hardwired (depending on equipment). <ul style="list-style-type: none"> <li>• One (1) curb side rear compartment on front wall. For Flashlight and personal light. Flashlight is hardwired, personal light is a single outlet. Flashlight is mounted to the bulkhead. Personal light is mounted on fabricated box that will also conceal the wiring. Box will be coated to match interior.</li> <li>• One (1) street side rear compartment on front wall. Same as above.</li> <li>• One (1) single outlet rear compartment on side wall between slide out tray and adjustable shelf, mounted close to the door in fabricated box coated to match interior. For packtracker.</li> <li>• One (1) dual outlet street side front compartment, on rear wall below the 120V outlet in fabricated box coated to match interior. Mounted below the first adjustable shelf. For scene lights.</li> </ul>
8.08		<b><u>12VDC WIRING REQUIREMENTS:</u></b> <ul style="list-style-type: none"> <li>• 2-gauge minimum copper stranded battery cable shall be used for 12Vdc main supply lines. All cable runs shall be full length, no splices. All cable terminals shall be staked and soldered. All cable shall be enclosed in convoluted polyethylene tubing and the ends of the cable shall be sealed with color-coded shrink-wrap identifying the function of the cable.</li> <li>• All added electrical branch circuits shall be protected from over-current by resettable circuit breakers appropriately rated for the load. Only circuit breakers shall be used in the installation of added electrical branch circuit wiring (plug type fuses are unacceptable).</li> <li>• Circuit breaker functions shall be identified by engraved or printed labels.</li> <li>• All added wiring for load runs of AWG 10, 12, 14, and 18, shall conform to MIL-W-16878/2 and/or UL1007/1569"</li> <li>• All added wiring for load runs of AWG 8, shall conform to MIL-W-16878/3 and/or UL1028</li> <li>• Wire terminals for added circuits must conform to MIL-T-7928. Terminals shall be insulated, insulation grip, TYPE II, CLASS 2 and shall be crimped with tooling recommended by the terminal manufacturer.</li> <li>• All wiring shall be numbered or lettered on 6" centers minimum.</li> <li>• Wiring shall be protected from chafing and abrasion with convoluted polyethylene tubing (wire loom) as required.</li> <li>• Where wire passes through sheet metal, bulkheads and structural supports, plastic grommets shall be used to protect both wiring and wire looms.</li> <li>• All wire bundles shall be tied with trimmed nylon ties.</li> <li>• Extreme care shall be exercised to provide for easy serviceability of the system in future years.</li> <li>• Extreme care must be taken in the installation to avoid the engine manifold, engine exhaust, and muffler, which could expose the wiring to severe overheating during long periods of</li> </ul>

Item	Qty	
		operation. Proper insulation and heat deflection panels must be installed in such areas. <ul style="list-style-type: none"> <li>• A high-current 12Vdc system wiring schematic shall be provided.</li> <li>• These are the minimum acceptable 12Vdc wiring requirements.</li> </ul>
9.00		<b><u>EMERGENCY LIGHTING / SIRENS:</u></b>
9.01	1	Whelen 295SLSA6 siren with 9 low current lighting control switches. California Title 13 compliant. <b>NOTE:</b> Emergency light control settings in slide bar: Position 1: Rear lights Position 2: Rear and upper lights Position 3: All lights  Siren can be activated by horn on steering wheel. Traffic bar lights will be controlled by the buttons on the siren controller and override the emergency light function of the bar. Top left buttons (left, split, right). Scene lights will be controlled by the buttons on the siren controller. Right of traffic bar buttons (rear, left, right). Emergency lights will be set at the default flash patterns from Whelen.
9.02		Cast Products bumper mount SA3800 series siren speakers. <ul style="list-style-type: none"> <li>• One (1) SAD3815-17FSD-1, driver side.</li> <li>• One (1) SAP3816-17FSD-1, passenger side.</li> </ul>
9.03	1	Whelen Freedom Series IV LED light bar. Includes: <ul style="list-style-type: none"> <li>• One (1) F4X0RRRR Custom 60" length lightbar.</li> <li>• Red lighthoods: One each corner, alley lights each end, and two on front next to corners.</li> <li>• Blue lighthoods: Two on front between reds Opticom in center.</li> <li>• One (1) GTT 795H Opticom Emitter in center of lightbar.</li> <li>• All the lenses shall be clear.</li> <li>• F4DSCBL Cable Exit on Driver Side.</li> </ul> <b>NOTE:</b> Opticom turns off when vehicle is placed in park.
9.04	1	Lightbar will be mounted on custom fabricated 0.125" aluminum bracket mounted on front of body, painted to match the body.
9.05	1	Whelen TADF8 - Eight DUO™ Color Linear Super-LED® Traffic Advisor™. Requires No Special Control Head, 45.12" Long. <ul style="list-style-type: none"> <li>• Eight dual color Linear LED lights with waterproof connectors.</li> <li>• The TADF8 has flash patterns for the warning lights and three traffic advisor direction flash patterns for the amber lights.</li> <li>• Light bar is Red across the full bar with the second color amber across the full bar.</li> </ul> <b>NOTE:</b> Controlled with siren controller buttons (see siren controller for button layout).



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Item	Qty	
9.06	15	<p>Whelen LINZ6 series Super-LED lighthouse with internal flasher, Red LED's with clear outer lens, LINZ6R. Includes chrome flange LINZ6FC. Located as shown on drawing.</p> <p><b>NOTE:</b> Locations:</p> <ul style="list-style-type: none"> <li>• One (1) cab in grill street side high, black housing</li> <li>• Two (2) cab rocker panel curb side, black housing</li> <li>• Two (2) cab rocker panel street side, black housing</li> <li>• One (1) body curb side high near front</li> <li>• One (1) body curb side high near rear</li> <li>• One (1) body curb side mid-ship low</li> <li>• One (1) body street side high near front</li> <li>• One (1) body street side high near rear</li> <li>• One (1) body street side mid-ship low</li> <li>• One (1) body rear low curb side</li> <li>• One (1) body rear high curb side</li> <li>• One (1) body rear low street side</li> <li>• One (1) body rear high street side</li> </ul>
9.07	4	<p>Whelen LINZ6 series Super-LED lighthouse with internal flasher, White LED's with clear outer lens, LINZ6C. Includes chrome flange LINZ6FC. Located as shown on drawing.</p> <p><b>NOTE:</b> Locations:</p> <ul style="list-style-type: none"> <li>• One (1) cab in grill curb side low</li> <li>• One (1) cab in grill street side low</li> <li>• One (1) cab rocker panel street side - mid</li> <li>• One (1) cab rocker panel curb side - mid</li> </ul>
9.08	1	<p>Whelen LINZ6 series Super-LED lighthouse with internal flasher, Green LED's with clear outer lens, LINZ6G. Includes chrome flange LINZ6FC. Located as shown on drawing.</p> <p><b>NOTE:</b> Locations:</p> <ul style="list-style-type: none"> <li>• One (1) cab in grill curb side high</li> </ul>
9.09	2	<p>Whelen LINZ6 series Super-LED lighthouse with internal flasher, Red/White LED's with clear outer lens, LINZ6D. Includes chrome flange LINZ6FC. Located as shown on drawing.</p> <p><b>NOTE:</b> Locations:</p> <ul style="list-style-type: none"> <li>• One (1) cab front fender curb side (intersection warning)</li> <li>• One (1) cab front fender street side (intersection warning)</li> </ul>



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Item	Qty	
10.00		<b><u>RADIOS:</u></b>
10.01		12Vdc power leads for communications radios to be 8-gauge copper stranded wire with crimp-on end connectors. Power to radios to be controlled by auxiliary battery disconnect switch.
10.02	2	Install customer supplied communications radio. Installation includes: <ul style="list-style-type: none"> <li>• NMO-style base on the roof or antenna raceway, as applicable.</li> <li>• LMR195 antenna cable routed to radio transceiver location in Carlon Carflex ENT conduit.</li> <li>• 12Vdc power routed to radio transceiver location.</li> </ul> <b>NOTE:</b> Install in cab console. One (1) Kenwood TK-7360HV-K (VHF) dash mount. One (1) Motorola APX 6500 (7/800 MHz) dash mount.
10.03	3	Magnetic microphone holder. Magnetic Mic MMSU-1.
10.04	1	Spare antenna. Installation includes: <ul style="list-style-type: none"> <li>• NMO-style base on the roof or antenna raceway, as applicable.</li> <li>• LMR195 antenna cable routed to radio transceiver location in Carlon Carflex ENT conduit.</li> </ul>
10.05	1	Install customer supplied Firecoms Intercom system interfaced to one (1) radio. <b>NOTE:</b> Controller will be mounted inside of console and to the Motorola radio. Jacks will be mounted one each side of console at rear. Headsets will hang on hooks that are going on bulkhead for radio belts.
11.00		<b><u>COMPUTER NETWORK AND EQUIPMENT:</u></b>
11.01	1	Install customer supplied Sierra Wireless GX450 and antenna. <b>NOTE:</b> Unit is mounted inside the cab. Use customer supplied antenna.
12.00		<b><u>EXTERIOR STORAGE COMPARTMENTS:</u></b>
12.01		Heavy extruded aluminum B-Line channel fastened to bulkheads for shelf support in exterior compartment. <b>NOTE:</b> Rear compartment adjustable shelves. Street side front compartment adjustable shelves. Curb side and street side rear compartment, adjustable shelf. Vertical pullout tool boards for horizontal (left to right) adjustability.
12.02	4	Aluminum shelf, fixed non-adjustable, 1 1/2" lip. <b>NOTE:</b> Two (2) curb side front compartment, both extend to center bulkhead. One (1) middle compartment spanning curb side to street side, lip down. <ul style="list-style-type: none"> <li>• Full size stokes to store here.</li> </ul> One (1) middle compartment street side (bolt in).
12.03	1	Install customer supplied DeWalt charger DCB104. <b>NOTE:</b> Mount in middle compartment street side. Charger will be mounted to front wall under shelf.





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Item	Qty	
12.04	6	Aluminum shelf, adjustable, 1 ½" lip. <b>NOTE:</b> Two (2) rear compartment. Two (2) street side front compartment. One (1) street side rear compartment. One (1) curb side rear compartment.
12.05	1	Slide out aluminum deep drawer. Spring locks in the in and out position, 600lb capacity at 100% extension. <b>NOTE:</b> Street side front compartment for saws and flammable liquids. Tray will have partition at one end creating a sleeve for round saw blades. Compartment will be vented to exterior. Includes: • Two (2) rescue saw clamp kits K5030. • One (1) dual gas/oil pocket mount 1041-1. Holds two quart size round containers and one quart size rectangular oil container.
12.06	1	Slide out aluminum tray with 1 1/2" lip. Spring locks in the in and out position, 600lb capacity at 100% extension. <b>NOTE:</b> Rear compartment • RIT pack & gumby suit
12.07	1	Slide out aluminum tray with 1 1/2" lip. Spring locks in the in and out position, 600lb capacity at 100% extension. <b>NOTE:</b> Street side middle compartment • One box of air jacks • One floor jack 6603ASJ - Two (2) Super Adjustamount kit black K5050
12.08	1	Slide out tray with vertical panels for large E-tools (one cutter, one spreader, and one ram). <b>NOTE:</b> Curb side front compartment. • One (1) Hurst cutter - One Heavy Rescue Fastlok kit black K5035FL • One (1) Hurst spreader - One Spreader base kit Fastlok black K5026-FL-B • One (1) Ram - One K1022-FL
12.09	1	Vertical slide out tool board. Toolboard panels shall have integrated grooves or channels for use with Performance Advantage Company (PAC) tool locking accessories. <b>NOTE:</b> Curb side front compartment • Four (4) struts (2 long & 2 short) with spikes mounted on two of them - Eight (8) Jumbo lok yellow 1070 Finish: Unfinished aluminum.





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Item	Qty	
12.10	1	Vertical slide out tool board. Toolboard panels shall have integrated grooves or channels for use with Performance Advantage Company (PAC) tool locking accessories. <b>NOTE:</b> Curb side middle compartment for tools <ul style="list-style-type: none"> <li>• Bolt cutters - Bolt cutter kit K5029-1</li> <li>• Fire Maul - Two (2) Handlelok black 1004 &amp; fabricated pocket</li> <li>• Sledge Hammer - Sledge Hanger kit black 8-12lb K5010-12</li> <li>• Pick Head Ax – Pickhead Axe pocket kit black K5012</li> </ul> Finish: Unfinished aluminum.
12.11	1	Vertical slide out tool board. Toolboard panels shall have integrated grooves or channels for use with Performance Advantage Company (PAC) tool locking accessories. <b>NOTE:</b> Curb side middle compartment for tools <ul style="list-style-type: none"> <li>• Flat head axe – Flat head axe kit K5011</li> <li>• Straight Pry Bar - Two (2) Handelok black 1004</li> <li>• Crow Bar - Two (2) Heavy Duty Toolok yellow 1003-HD</li> <li>• Glass Master - Two (2) Heavy Duty Toolok yellow 1003-HD</li> <li>• A tool - Two (2) Heavy Duty Toolok yellow 1003-HD</li> <li>• Small Mallet - Handelok black 1004</li> <li>• Hot Stick - Two (2) Heavy Duty Toolok yellow 1003-HD</li> <li>• Halligan bar - Halligan mounting kit yellow K5032</li> <li>• K Tool - Super Adjustamount kit black K5050</li> <li>• W Tool – Two Jumbo Lok yellow 1070</li> <li>• Hydra Ram – Two (2) Super Adjustamount kit black K5050</li> <li>• Hydrant Wrench – Customer supplied mount</li> </ul> Finish: Unfinished aluminum.
12.12	1	Vertical slide out tool board. Toolboard panels shall have integrated grooves or channels for use with Performance Advantage Company (PAC) tool locking accessories. <b>NOTE:</b> Street side middle compartment <ul style="list-style-type: none"> <li>• Sawzall DCS388B - Jumbo Lok yellow 1070 &amp; hanger 1019</li> <li>• Drill DCD792B - Jumbo Lok yellow 1070</li> <li>• Impact DCF894HB - Jumbo Lok yellow 1070</li> <li>• Bandsaw DCS374B - Hanger 1009 &amp; K5050</li> <li>• Fabricated Container for Sawzall blades 6" &amp; 9" long</li> <li>• Clamp for extra band saw blades - Handlelok black 1004</li> <li>• Glass master - Two (2) Heavy Duty Toolok yellow 1003-HD</li> </ul> Finish: Unfinished aluminum.
12.13	3	Aluminum partition in exterior compartment to separate stored items. <b>NOTE:</b> One (1) curb side front compartment for 12"x12" bags of cribbing. One (1) middle compartment spanning curb side to street side for water rescue board. One (1) street side front compartment for customer's portable Honda EU2000i generator. Bolted in place towards rear of compartment to prevent generator from sliding.



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Item	Qty	
12.14	1	Tray with adjustable sleeves for air bags mounted in compartment. <b>NOTE:</b> Curb side front compartment for five (5) air bags, one (1) baseplate, one (1) air bag controller, (4) straps, & two (2) 6" baseplates - stored in fabricated tray. All bags and baseplate will be flush with the front of the shelf, held forward with foam from the rear. Partitions are horizontally adjustable.
12.15	1	Slots for New York Hook storage. <b>NOTE:</b> Mounted on bottom of fixed shelf in center compartment. Allows access from both sides of vehicle. Stores two New York hooks. Stainless steel at shelf edge to prevent hook from chipping Zolatone.
12.16	1	Storage for one set of irons (flat head axe & halligan bar) mounted together. <b>NOTE:</b> One (1) street side rear compartment - Ironslok yellow K5003.
12.17	4	Stainless steel hook/hanger for coat or helmet. 2 3/4" x 4 3/4" hook. <b>NOTE:</b> Two (2) curb side rear compartment. Two (2) street side rear compartment. One for coat and one for helmet. Hooks are mounted to shelf angle on left and right side.
12.18		Line-x bed liner or equivalent on the bottom surfaces of the compartments. Each will have a base coat and top coat. Base coat will be etch primer and sealer, top coat will be bed liner. Color is black.
12.19		Line-x bed liner or equivalent on the all surfaces of gas tool tray. Color is black.
12.20		Line-x bed liner or equivalent on the all surfaces of E-tool tray. Color is black.
12.21	24	Ultra thin surface mount flexible LED lighting strip. <b>NOTE:</b> Two (2) vertical and one (1) horizontal light at each compartment. Lights come on automatically with doors.
13.00		<b><u>MISCELLANEOUS OTHER:</u></b>
13.01	1	Aluminum storage rack for three (3) fire extinguishers. Fabricated from 0.125" aluminum. <b>NOTE:</b> Fire extinguishers are customer installed. Located in street side front compartment. A formed aluminum cradle with stop at rear and plastic bar runners for each extinguisher. A mesh cover on the front will be installed to prevent them from sliding out.
13.02	2	SCBA cylinder tank storage, PacTools Standard Cylinder Mate – CM6000. <b>NOTE:</b> One (1) curb side and street side rear compartment at rear inside corner. For 5500 bottles.

Item	Qty	
13.03	2	<p>IMMI SmartDock SCBA Holder (blue clamp).</p> <p><b>NOTE:</b> One (1) curb side and street side rear compartment. Mount on back wall between floor and shelf. For 5500 bottles.</p>
13.04	1	<p>Complete manual set, including the following (as applicable):</p> <ul style="list-style-type: none"> <li>• As-built specifications with interior and exterior drawings as used for production of the vehicle.</li> <li>• Chassis and body owner's manuals.</li> <li>• 12Vdc and 120Vac legends showing wire gauge, color, number and function.</li> <li>• 12Vdc high current wiring diagram illustrating the battery system, isolators, power converters, alternator, disconnect switches and control panels.</li> <li>• Roof top antenna placement drawing and legend identifying antenna placements and termination points.</li> <li>• Audio/Video cabling diagram.</li> <li>• Chassis and generator maintenance and service logs.</li> <li>• Battery maintenance information.</li> <li>• All individual component manuals and warranty registration cards as provided by component manufacturers. Customer is responsible for completing warranty cards and mailing them to manufacturers.</li> </ul>
13.05	1	<p>TRAINING. An LDV representative will provide up to four (4) hours of orientation on LDV provided systems.</p>
13.06		<p>LDV warranty of one (1) year/12,000 miles, whichever comes first, for manufacturer's defects in materials and workmanship. Refer to LDV warranty statement for details of warranty coverage.</p>
13.07		<p>Note: Project scope does not include certain tasks or costs that are the responsibility of the customer unless clearly specified as LDV supplied. These items include, but are not limited to:</p> <ul style="list-style-type: none"> <li>• Radio and telephone system programming.</li> <li>• Activation and service fees for cellular telephones, satellite telephones, satellite TV, satellite internet access.</li> <li>• Loading and configuring computer software.</li> </ul> <p>In the event of a discrepancy between the drawing and specification, the specification will supersede. LDV reserves the right to make substitutions of equal quality and specifications of those listed in this document.</p> <p>Some component models change frequently. In the event that a specified component model becomes unavailable at the time LDV attempts to source it, LDV will provide a replacement model with equivalent or better features, as agreed upon with the customer.</p>