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**PRELIMINARY
SPECIFICATIONS FOR:**

**LEE'S SUMMIT PD (MO)
EOD VEHICLE**

**LDV PROPOSAL # C40EOD-35742-23
HGAC MODEL# BATMCC331759**

DATE
JULY 3, 2024 REV5
~~JUNE 18, 2024 REV4~~
~~MAY 28, 2024 REV3~~
~~MAY 13, 2024 REV2~~
~~APRIL 5, 2024 REV1~~
~~SEPTEMBER 28, 2023~~



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PRICING PAGE: (HGAC contract AM10-23)

| | |
|---|--------------|
| Total price per unit as specified, FOB Origin | \$935,244.00 |
| Discount amount | -\$34,604.00 |
| HGAC discounted price for 1 unit as specified | \$900,640.00 |

| | |
|--|--------------|
| Contract Administration Fee - HGAC | \$2,000.00 |
| HGAC discounted price for 1 unit as specified with Contract Admin Fees | \$902,640.00 |
| Delivery charge to City of Lee's Summit, MO | \$2,401.00 |

| | |
|-----------------------------|---------------------|
| Total price per unit | \$905,041.00 |
|-----------------------------|---------------------|

Delivery terms: Ask your Sales Representative.

Payment Terms: Net 30.

Quote is firm for 30 days from specification date.

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



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| Item | Qty | |
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| 1.00 | | <p><u>CHASSIS/BODY DIMENSIONS:</u> 26' dry van • Cab-to-Axle 199" • Wheelbase of chassis: 312" • Overall length of apparatus: 489" • Overall apparatus width, rub rail to rub rail: 102" • Overall height of apparatus (loaded): 151" • Interior walkway height raw body: 83" • Interior walkway height finished: 81.5" • Interior walkway length: 312" • Interior raw body width: 99" • Interior finished body width: 87"</p> <p>Final measurements are dependent on body builder, chassis components, axles, tires, frame, suspension, and roof-mounted equipment.</p> |
| 2.00 | | <p><u>CHASSIS:</u></p> |
| 2.01 | 1 | <p>New Freightliner M2 Conventional Crew Cab, Cummins L9-360EV, 360 HP @ 2200 RPM, 37,600-lb. GVWR with rear air ride suspension and air brakes.</p> <p><u>TRANSMISSION:</u> • Allison 3000 EVS automatic transmission with PTO provision</p> <p><u>FRONT AXLES & SUSPENSION:</u> • 14,600# taperleaf front suspension • Maintenance free rubber bushings - front suspension • Front shock absorbers</p> <p><u>REAR AXLES & SUSPENSION:</u> • Airliner 23,000# rear suspension with chain clearance • Airliner high position ride height • Standard axle seats in axle clamp group • Ignition controlled electric dump switch for air suspension with state retention and gauge • Dual air rear suspension leveling valves • Transverse control rods • Rear shock absorbers - one axle (air ride suspension)</p> <p><u>BRAKES:</u> • Air brake package • Wabco 4S/4M abs without traction control • Reinforced nylon, fabric braid and wire braid chassis air lines • Fiber braid parking brake hose • Standard brake system valves • Standard air system pressure protection system • Standard U.S. front brake valve • Relay valve with 5-8 psi crack pressure, no rear proportioning valve • BW AD-9SI brake line air dryer with heater • Air dryer frame mounted</p> |



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| | <ul style="list-style-type: none"> • Steel air brake reservoirs • Petcock drain valve on all tank(s) <p><u>STEERING:</u></p> <ul style="list-style-type: none"> • TRW tas-85 power steering, power steering pump • Adjustable tilt and telescoping steering column, 4-spoke 18 inch (450mm) steering wheel <p><u>FUEL:</u></p> <ul style="list-style-type: none"> • (2) 50 gallon/189 liter rectangular aluminum fuel tank - LH & RH <p><u>ELECTRICAL:</u></p> <ul style="list-style-type: none"> • DR 12V 275 AMP 40-SI Brushless pad alternator with remote battery voltage sense • (3) DTNA genuine, flooded starting, min 2250 CCA threaded stud batteries <p><u>TIRES AND WHEELS:</u></p> <ul style="list-style-type: none"> • Michelin XZE 12R22.5 16 ply radial front tires • Michelin XDN2 12R22.5 16 ply radial rear tires • Alcoa ULA18X 22.5x8.25 10-hub pilot 5.81 inset aluminum disc front wheels (Black) • Alcoa ULA18X 22.5x8.25 10-hub pilot 5.81 inset aluminum disc rear wheels (Black) <p><u>CAB EXTERIOR:</u></p> <ul style="list-style-type: none"> • 154" BBC high-roof aluminum conventional crew cab • LH and RH exterior grab handles with single rubber insert • Single electric horn • Tinted door glass • Dual west coast bright finish heated mirrors with LH and RH remote, LH and RH 8" bright finish convex mirrors mounted under primary mirrors <p><u>CAB INTERIOR:</u></p> <ul style="list-style-type: none"> • Heater, defroster and air conditioner • Heavy duty air conditioner compressor • Door activated dome/red map lights, forward LH and RH and rear LH, RH, and Center • LH and RH electric door locks • RH and LH electric powered windows • Premium high back air suspension driver seat with 3 chamber air lumbar, integrated cushion extension, forward and rear cushion tilt, adjustable shock absorber • Premium high back air suspension passenger seat with 3 chamber air lumbar, integrated cushion extension, forward and rear cushion tilt, adjustable shock absorber • Basic ISRI high back air suspension LH/RH/Center rear passenger seat with mechanical lumbar and integrated cushion extension • Gray Mordura cloth seat covers • Dual driver, front passenger and LH and RH rear passenger seat armrests • LH and RH integral door panel armrests • High visibility orange seat belts • Adjustable tilt and telescoping steering column <p><u>INSTRUMENTS & CONTROLS:</u></p> <ul style="list-style-type: none"> • 87 DB to 112 DB Automatic self-adjusting backup alarm • Programmable RPM control - electronic engine • Engine and trip hour meters integral within driver display • AM/FM/WB radio with Bluetooth and microphone, front USB port, front and rear auxiliary |



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| | | <p>inputs</p> <ul style="list-style-type: none"> • Electronic 3000 rpm tachometer • One valve parking brake system with warning indicator <p>Note: Chassis specifications are from Freightliner Custom Chassis and are subject to change without notice.</p> <p>NOTE: Black Aluminum Rims.</p> |
| 2.02 | | <p><u>CHASSIS WARRANTY:</u></p> <ul style="list-style-type: none"> • Two (2)-year/unlimited miles Freightliner M2 chassis warranty. • Two (2)-year/100,000 mile Cummins engine warranty. • Five (5)-year/unlimited miles Allison transmission warranty. |
| 2.03 | 1 | Relocate O.E.M. batteries to aluminum under body compartment. |
| 2.04 | 1 | Block heater shall be wired to AC electrical distribution. |
| 2.05 | 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. |
| 2.06 | 1 | <p>Custom fabricated Class IV receiver hitch (ball mount and ball not included). Includes:</p> <ul style="list-style-type: none"> • Reese Brakeman® IV digital electronic trailer brake control • 7 pole blade style trailer connector. <p>Note: Trailer hitch is rated for 10,000 lbs; however, towing capacity is limited to maximum vehicle Gross Combined Weight Rating (GCWR).</p> |
| 3.00 | | <u>BODY:</u> |
| 3.01 | 1 | <ul style="list-style-type: none"> • Load space area shall be 83" high x 99" wide x 26' long custom all aluminum flat floor dry van body with the following: • Aluminum alloy double H wall beam, 6005-T5 alloy, 3" deep x 1.5" wide, 0.125 wall thickness. Studs feature machined wire pass-throughs, and raised adhesive control features on base. • I-beams chemically bonded to sidewalls eliminating the need for additional rivets. Buck-rivets will be used to fasten the top, bottom and rub rail. Use of two-sided tape is not acceptable. • Body shall have 0.125" strain-hardened aluminum alloy 5052-H36 side panels. The upper panels shall be free of rivets allowing for smooth graphics application. • Skirt supports, 1.5 x 1.5 x 0.125 angle to reinforce skirt edge and hold bottom edge in a straight line. 0.188 x 1.00" flat braces placed at 4' intervals and riveted to lower wall angle and floor to maintain sidewall skirt rigidity. • Fender flares, 1.38" x 2.25" x 0.090" roll formed and radiused 5052-H32 aluminum sheet, mechanically fastened to wheel opening. Edges sealed against moisture. • NFPA 1901 embossed 0.125" aluminum tread plate roof attached to 3" x 1 1/2" x 0.125 extruded aluminum roof bows on 16" centers. Bows are 2" skip welded every 12" Tread plate seams shall be continuous welded. Perimeter of roof shall be chemically sealed. • Extruded aluminum floor with interlocking planks, 1.88" high x various widths, 0.125" top surface. 6005-T5 alloy and temper. Heavy-duty thick-wall extruded planks fore and aft of all floor cutouts and every 5th plank in all other areas. Planks made of 6005-t5 alloy and temper, 0.250" thick top surface. • Full width 12" deep heavy-duty aluminum rear bumper with center step, painted to match the body. |



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| | | <ul style="list-style-type: none"> • Full length skirting below floor. • All clearance and side marker lights to be LED. • Standard structural warranty of 5 years or 50,000 miles and standard component warranty of 12 months or 12,000 miles. • The vehicle shall be fully sanded on all exterior surfaces with no more than 150 grit to assure removal of imperfections in metal surface. All aluminum shall be chemically etched and primed prior to painting. Base body color shall be oven baked and painted to commercial truck standards. <p>Note: Specifications are from body manufacturer and are subject to change without notice.</p> |
| 3.02 | 1 | Custom 46" x 74" aluminum sedan door for wheel chair lift. Door shall have continuous stainless steel piano hinge, two (2) nylon door straps and an aluminum drip rail. <ul style="list-style-type: none"> • Full swinging door includes, latches with key lock, no window. |
| 3.03 | 1 | Cast Products Diecast Chrome-Plated door "grabber" assembly installed to hold door open. |
| 3.04 | 1 | Lift-wheelchair Braun Century 2 Series NCL9171B-2 with the following features: <ul style="list-style-type: none"> • 33" x 51" platform. • HD electric-hydraulic system w/800# capacity • 4" automatic roll stop • Durable powder coat finish • Back-up pump • Remote control • Seat belt <p>Note: Includes all vehicle interlocks and safety systems.</p> |
| 3.05 | 1 | 32" wide aluminum sedan door installed above floor. Includes 21.5" wide x 25.5" high fixed window. Door shall have continuous stainless-steel piano hinge, two (2) nylon door straps and an aluminum drip rail. <p>NOTE: Interior window covering will be a mini blind.</p> |
| 3.06 | 1 | Rear underbody skid bar. Protects rear bumper and skirts from possible damage caused by steep grades. Includes: <ul style="list-style-type: none"> • 3 1/2" steel tube across the width of the vehicle mounted to the frame with steel channel and supported diagonally from the ends to the frame mounts • Steel tube is capped on the ends and mounted just below the skirting |
| 3.07 | 1 | Interior heavy-duty fluted aluminum grab handle with rubber inserts and chrome plated stanchions installed at entry door. |
| 3.08 | 1 | Wire one of the overhead lights to function as a courtesy light when the entry door is opened. |
| 3.09 | 1 | Courtesy light defeat in Intel-I-Touch™ multiplex control screen. Each entry door courtesy light will be automatically deactivated where the corresponding room has the overhead lighting set to night mode. |
| 3.10 | 1 | Pull out aluminum stairs encased in a narrow profile cassette installed below floor line, eliminating the need for an interior stepwell. Includes exterior fold out handrail. |
| 3.11 | 1 | Whelen Stop/Turn/Tail/Backup light set. Includes two of each of the following: <ul style="list-style-type: none"> • Whelen M6FCV4 polished chrome vertical housings for four M6 series lighthoods. The fourth light head will be an emergency flasher as specified in the DC Emergency Lighting section. |



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| | | <ul style="list-style-type: none"> • Whelen M6 series LED arrow shaped amber turn signal, model number M62T. • Whelen M6 series LED brake/tail light heads, model number M62BTT. • Whelen M6 series LED back-up light heads, model number M62BU. |
| 3.12 | 1 | Cast Products LP0004-1-B aluminum license plate mounting frame with LED light. |
| 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 | <p>Flat floor slide-out room extension fabricated with a structurally rigid welded aluminum tube design with a fully bonded aluminum shell. During deployment an electronic control system automatically expands the room extension and lowers the floor to flush position.</p> <p>Features:</p> <ul style="list-style-type: none"> • Electric over hydraulic control system programmed to lower the slide out to floor height after full extension. • Awning that automatically extends and retracts over the top of the room to protect from weather and debris. • Full perimeter double rubber bulb seal with an additional seal in the fully extended and fully retracted positions. • No track or hardware shall be attached to the ceiling of the body. <p>NOTE: Slide out up to 72" length x 30" deep (full extension of 26").</p> |
| 3.16 | | Ignition Interlock to prevent vehicle from starting when any of the external extension devices are deployed. |
| 3.17 | 2 | <p>Flashing warning light for slide out.</p> <p>NOTE: Amber LED color.</p> |
| 4.00 | | <u>PAINT / GRAPHICS:</u> |
| 4.01 | | <p>Body paint base color shall be single color nonmetallic single stage paint from the roof line down.</p> <p>NOTE: White</p> |
| 4.02 | 1 | 4-inch wide reflective stripe on the exterior back and sides of the vehicle. |
| 4.03 | 1 | Custom computer-generated non-reflective vinyl graphics per customer specifications. Includes up to seventy 8"-10" letters and up to forty-five 3"-6" letters. All lettering can be shaded or outlined. |
| 4.04 | 2 | Custom computer-generated non-reflective vinyl shield. Customer shall supply true vector artwork required to produce shield. |
| 5.00 | | <p><u>PATRIOT ONYX INTERIOR:</u></p> <ul style="list-style-type: none"> • Wall Covering: #66 Silver Smooth FRP • Ceiling Fabric: Silver Mist • Floor Covering: #150 Onyx PVC Flooring • Office Chairs: Black • Vinyl Coverings: #WH1-2140 Whisper Black • Cabinets: Charcoal Gray |



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| | | <ul style="list-style-type: none"> Counters and Tables: #4880-38 Carbon Mesh Note: Manufacturer reserves the right to substitute equivalent materials. |
| 6.00 | | <u>DRIVER / PASSENGER CAB AREA:</u> |
| 6.01 | 1 | Custom fabricated console in cab, for locating siren controller, police radio and/or other controls as specified elsewhere in this document. NOTE: Powder coat mini-tex black. Console size to be contained to front cab seating only, not to extend into rear seating area. |
| 6.02 | | Cab Area Additions: <ul style="list-style-type: none"> 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. |
| 6.03 | 1 | Three (3) camera rear view system with 7" LCD color monitor. System includes left, right, and rear vision day/night cameras. Rear camera includes a microphone for audio commands from a spotter to the driver during backing operations. |
| 7.00 | | <u>WALLS, CEILING AND FLOOR:</u> |
| 7.01 | | Insulate walls with a minimum of 2-1/2" of fiberglass insulation. Cover interior body side posts with 1/2" plywood sub wall. |
| 7.02 | | Cover sub wall with smooth finish Kemlite 0.075" fiberglass reinforced plastic (FRP) lining. Wall covering shall be a continuous piece front to back, no seams acceptable. |
| 7.03 | | Install 0.100" bright aluminum diamond plate on rear wall. As shown on drawing. |
| 7.04 | | Insulate ceiling with a minimum of 2-1/2" of fiberglass with an R-11 rating. <ul style="list-style-type: none"> Cover interior roof beams with 1/2" plywood. Modular panel design allows for manageable future additions and repairs. Plywood Panels covered in acoustical fabric. NOTE: Middle ducting to be powder coated Charcoal Gray to match cabinets. |
| 7.05 | | Floor underlayment to be 5/8" exterior grade tongue and groove structural plywood, 6 ply, face veneer plugged and sanded. |
| 7.06 | | Lonseal Loncoin II Flecks non-skid commercial grade PVC flooring. The flooring shall be continuous, one piece full length, full width, no seams. |
| 7.07 | | Vinyl cove molding (mop board) at base of wall, 2-1/2" high. Installed where required. |
| 7.08 | | Floor shall be covered with NFPA approved 0.125" embossed aluminum diamond plate as shown on drawing. |
| 7.09 | 2 | Up to 72" lengths of VersaTie VT-Track-4 (Airline type track) recessed into floor as shown on the drawing. NOTE: Tie down track. |
| 7.10 | 4 | VersaTie VT-2000 heavy-duty double stud tie down rings |
| 7.11 | 1 | Flush pocket door installed on heavy-duty aluminum c-channel track with two (2) three-wheel roller trucks and soft open/close feature. Pocket door shall have recessed handle and magnetic closure to keep the door open/closed. |



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| 7.12 | | All bulkheads shall be covered with Kemlite 0.075" FRP. Trim exposed edges of bulkheads with rounded anodized aluminum trim where applicable. |
| 7.13 | 2 | Cover load space door with powder coated aluminum panel with heavy-duty rubber grab handle. NOTE: Interior window covering will be a mini blind. Robot door doesn't not include a window. |
| 8.00 | | <u>GALLEY:</u> |
| 8.01 | 1 | Norcold model DE105 12Vdc/120Vac combination refrigerator/freezer. Features: • 3.3-cu.ft. capacity • Two white powder-coated wire shelves with raised lip • Dual clear door bins • LED interior light |
| 9.00 | | <u>SEATING:</u> |
| 9.01 | 3 | Space Air Grid office chair 5560 black with armrests, five caster spider base, and adjustable height. |
| 9.02 | 3 | Securement strap with buckle installed under counter to secure office chair. |
| 10.00 | | <u>CABINETS:</u> |
| 10.01 | | Custom fabricated aluminum cabinets located as shown on drawing. Cabinet specifications: • Base cabinets constructed of 0.080" powder coated aluminum with anodized aluminum frames. • Base cabinet doors are double shell, formed from a single sheet of 0.080" aluminum, with a 0.040" aluminum door back attached. • Overhead cabinets constructed of 0.064" powder coated aluminum with anodized aluminum frames. • Overhead cabinet doors are double shell, formed from a single sheet of 0.064" aluminum, with a 0.040" aluminum door back attached. • Overhead cabinet doors swing up with gas spring lift supports. |
| 10.02 | | Radius edging incorporated as design permits. NOTE: Under front curbside upper cabinets |
| 10.03 | 6 | LED light with on/off switch, mounted under overhead cabinet. |
| 10.04 | 9 | Key lock on cabinet door. NOTE: All upper C-Tech cabinets |
| 10.05 | 1 | Slide-out printer tray. NOTE: For Customer supplied Logos X-ray system @ Streetside front slide out workstation |
| 10.06 | 2 | Magnetic dry erase board framed in aluminum. Includes aluminum clip frame for easy board replacement, sized as required. NOTE: Locations: • One (1) @ Front wall |



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| | | • One (1) @ Streetside rear room above Stainless Steel flip up workstation. |
| 10.07 | 3 | Aluminum box pan shelf, up to 24" wide. NOTE: Adjustable shelves below electronics rack. |
| 10.08 | 7 | Aluminum box pan shelf, up to 48" wide. NOTE: • Four (4) adjustable shelves aft of curbside patron door, approx. size 3' 8" • Two (2) adjustable shelf on curbside at the Steel day boxes, one above and one below, approx. size 3' 6" • One (1) Fixed shelf on curbside above Steel day boxes, approx. size 3' 6" |
| 10.09 | 1 | Aluminum box pan shelf, up to 60" wide. NOTE: Fixed tray above Bomb suit hanger rod, approx. size 4' 5" |
| 10.10 | | Heavy B-Line steel channel fastened to bulkheads for shelf support. |
| 10.11 | 1 | Heavy-duty stainless steel hanger rod in closet. Located as shown on drawing. |
| 10.12 | 2 | Strap with metal buckle to secure items during transit. |
| 10.13 | 3 | Shelving area at floor shall have a 2" aluminum lip. |
| 10.14 | | Countertops shall be covered in 0.040" Wilsonart laminate. All exposed edges shall be covered with heavy duty flexible PVC T-molding. |
| 10.15 | 1 | Stainless steel 14 gage countertop, located as shown on drawing. NOTE: Rear Streetside fold down table. |
| 10.16 | 1 | Computer cable pass-thru grommet in counter. |
| 10.17 | 1 | Install a key display board inside overhead cabinet and clearly tag all keys for the vehicle as to their purpose. |
| 10.18 | | Custom fabricated console to house electrical distribution components and control panels. NOTE: Powdercoated to match cabinets |
| 10.19 | 2 | Polyester mesh cargo netting to secure items on interior shelves. Secured with ¼ turn fasteners. |
| 11.00 | | <u>HVAC SYSTEM:</u> |
| 11.01 | 1 | Fan-tastic Vent model 1450 3-speed reversible 12" power roof ventilator. |
| 11.02 | 2 | Ducted low profile rooftop air conditioner with thermostat. Includes: • 15,000 nominal Btu/hr air conditioner with condensate pump. • Chill Grille Assembly with 6,000 Btu/hr heat strip • Wall mounted thermostat (white) • Louvered Ceiling Vents, as required |
| 11.03 | 2 | 5,100-12,000 Btu/hr direct discharge, 12Vdc powered, diesel-fired furnace with individual thermostat control. Exhaust shall be routed to the street side. |
| 12.00 | | <u>AC ELECTRICAL SYSTEM:</u> |
| 12.01 | 1 | Onan Commercial Quiet Diesel 12-kW generator model 12.0HDKCD-2209 mounted in a custom fabricated all aluminum compartment. Generator features: • Computer-controlled constant speed operation |



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| | | <ul style="list-style-type: none"> • Unique sound-controlled housing encloses cooling system and muffler (69 dB(A) @ full load measured at 10 feet) • Three-point, fully focalized internal mounting system • Service and maintenance points accessible through easy-latch side service door • High quality, pure sine wave electrical output maximizes sensitive equipment performance • Typical Gal/hr fuel consumption: No load = 0.11, Half load = 0.48, Full load = 1.20 <p>Compartment shall be constructed to the following specifications:</p> <ul style="list-style-type: none"> • Compartment shall be constructed from 0.187" aluminum with all welded seams. • Compartment shall have 0.125" aluminum 2" box pan doors and 0.125" aluminum frames. • Door frames shall be riveted to the body and welded to the compartments. • Door shall have stainless steel hinges attached to the doors and door frames with stainless machine screws. • Door shall have slam latches and flush mounted handles. • Door shall have 0.100" aluminum treadplate panels on interior surfaces. • Door shall be top hinge single held open with gas charged lift/support cylinder(s). • Door shall be sealed with industrial grade neoprene gasket. <p>NOTE: Generator exhaust shall be routed to the street side of the vehicle.</p> |
| 12.02 | 1 | Install door activated LED compartment light in generator compartment. |
| 12.03 | 1 | ACData surge suppressor for protection of entire AC power system. Product features: <ul style="list-style-type: none"> • UL listed: UL1449 3rd Edition • LED visual verification of status |
| 12.04 | 1 | LDV exclusive Intel-I-Touch™ vehicle automation control system. A multiplexed vehicle automation system must be incorporated into a common touch screen(s) that is custom programmed to monitor and control onboard systems as described throughout the specifications. The automation system software must allow simultaneous distribution of information to multiple onboard control/monitoring stations and the software must be updateable and configurable as required. This system is mandatory as it simplifies start up procedures, contains fewer operating components, reduces operational start-up time, reduces the total amount of wiring in the vehicle and includes error detection protocols and troubleshooting features. <p>Features include:</p> <ul style="list-style-type: none"> • One (1) 10" LCD touch screen with custom graphics for control and monitoring systems • AC power distribution control and monitoring for the generator with power management • DC power distribution control and monitoring • Manual or automatic generator control • HVAC and temperature control. • Interior and exterior lighting control • Automatic power transfer switches • Automated startup and shutdown procedures • Seamless control of generators, lighting, awnings and additional devices |



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| | | <ul style="list-style-type: none"> • Mast control • Safety interlocks • Battery saver feature • Generator Service Alerts <p>The system must be completely upgradeable with power modules located throughout vehicle. Additional components may be added to system with a simple software modification System capability is not to be achieved with use of multiple monitoring systems designed for specific use i.e. water monitors, battery monitors etc.</p> |
| 12.05 | 1 | Additional 7" LCD touch screen with custom graphics for control and monitoring systems. All touch screens provide complete control and monitoring of vehicle systems. |
| 12.06 | 1 | 3" Touch panel for dedicated local control and monitoring of specific vehicle automation system features. Includes control layout and indicators where applicable. |
| 12.07 | 1 | 3" Touch panel with numeric display for dedicated local control and monitoring of specific vehicle automation system features including room HVAC. Display shows current room temperature and HVAC setpoint when adjusted. Includes control layout and indicators where applicable. |
| 12.08 | | Storage Mode maintains the vehicle in a ready-to-deploy condition. Battery chargers, specified outlets, and other pre-determined equipment is powered. HVAC is maintained at a storage mode setting to prevent freezing in the winter or overheating in the summer. The generator can be set to automatically start in the event of a loss of shore power. Other items as necessary can be made available in Storage Mode. |
| 12.09 | | Travel Mode places the vehicle in a ready-to-travel condition based on vehicle application and equipment. In most cases this includes: starting the generator and transferring off of shore power, turning on HVAC and adjusting temperature to normal operating setpoints, stowing all equipment for travel, powering up communication gear. Travel Mode is a custom programmed, automated process similar to the Auto Startup and Auto Shutdown. |
| 12.10 | | Night Time (Red) Lighting Mode turns the ceiling lighting in each room from white to red lights. |
| 12.11 | | Reduced Lighting Mode is white ceiling lighting in each room have the option of All-On or Half-On. |
| 12.12 | | Leveling Control Intel-I-Touch Auto Leveling feature. Includes touchscreen indication of vehicle level and control of leveling jacks automatically, individually or in pairs. Jacks are automatically retracted as part of the Auto Shutdown process. |
| 12.13 | 1 | Kussmaul Auto Eject 20, 20A-120Vac shore power inlet with 25-ft. 20A-120Vac shore power cord. #091-20WP-120RD. |
| 12.14 | 1 | Marinco 50A-125/250Vac shore power package including: <ul style="list-style-type: none"> • Waterproof shore power inlet with cap • 50-ft. 50A-125/250Vac shore power cord • 6-ft. 50A-125/250Vac pigtail |
| 12.15 | 3 | 20A-125Vac duplex receptacle. Receptacle is not dedicated to any installed equipment. NOTE: <ul style="list-style-type: none"> • Two (2) @ streetside shelving unit below electronics rack, hot on auto eject. |



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| | | • One (1) @ Streetside slide-out for customer supplied Logos X-Ray system. |
| 12.16 | 5 | 20A-125Vac duplex receptacle with dual USB charging ports [one (1) Type A and one (1) Type C]. Receptacle is not dedicated to any installed equipment. NOTE: • One (1) @ each workstation, 1-3 • One (1) exterior workstation • One (1) @ streetside rear above fold down stainless steel counter top. |
| 12.17 | 2 | 20A-125Vac GFCI duplex receptacle. These receptacles are not dedicated to any installed equipment. NOTE: • One (1) in Galley Area • One (1) rear wall for robot charging. Outlet to be on with auto-eject/storage mode. |
| 12.18 | 3 | 20A-125Vac exterior GFCI duplex receptacle. NOTE: Receptacle will be installed with a weatherproof cover. • One (1) curb side near front • One (1) curb side near robot door • One (1) in exterior workstation (no cover) |
| 12.19 | 1 | APC Smart-UPS 1,500VA rack mount UPS, SRT1500RMXLA (or current model). Product features: • 1,500VA/1350W output capacity. • 120V output voltage. • (6) NEMA 5-15R output receptacles. • Runtime up to 5 minutes at 100% load. (Up to 13 minutes at 50% load) • Dimensions: 20"W x 3.3"H x 17"D (2U rack height). • Weight: 48.5 lbs. |
| 12.20 | | <u>AC WIRING REQUIREMENTS:</u> • All AC main wiring shall be stranded THHN wire and run in non-metallic liquid tight conduit. • All AC branch circuit wiring shall be stranded THHN wire (AWG 12 minimum) and run in non-metallic liquid tight and ENT conduit. • All electrical circuits and appliances shall conform to applicable national electrical codes. |
| 13.00 | | <u>DC ELECTRICAL SYSTEM:</u> |
| 13.01 | 1 | • Four (4) Lead acid deep-cycle 6Vdc batteries. Batteries shall be installed underbody in slide out weather resistant compartment. • Two (2) electronic converter/chargers, 80 amp minimum output each installed underbody in weather resistant climate controlled. Compartment to draw ambient air from interior of truck and will have thermostatically controlled exhaust fan to circulate warm air to exterior (no exceptions). Converter/charger features: • Charges three banks of batteries at the same time. • UL listed for safety. • Manual reset circuit breaker. • Reverse battery protection. • Electronic current limiting. |



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| | | <ul style="list-style-type: none"> • High voltage protection. • All DC electrical and metering switched and monitored through the multiplex system. |
| 13.02 | 1 | Sure Power 3003 (or current model) isolator. |
| 13.03 | 14 | Light, Orion 6" LED, neutral white with polished bezel and voltage regulation. |
| 13.04 | 6 | Light, Orion 6" LED, neutral white / red with polished bezel and voltage regulation. |
| 13.05 | 8 | Whelen M9LZC Gradient LED Scene Light with chrome flange. |
| 13.06 | 8 | Whelen PEL2C LED light with chrome housing. |
| 13.07 | | <p><u>12VDC WIRING REQUIREMENTS:</u></p> <ul style="list-style-type: none"> • 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. • 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). • Circuit breaker functions shall be identified by engraved or printed labels. • All added wiring for load runs of AWG 10, 12, 14, and 18, shall conform to MIL-W-16878/2 and/or UL1007/1569" • All added wiring for load runs of AWG 8, shall conform to MIL-W-16878/3 and/or UL1028 • 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. • All wiring shall be numbered or lettered on 6" centers minimum. • Wiring shall be protected from chafing and abrasion with convoluted polyethylene tubing (wire loom) as required. • Where wire passes through sheet metal, bulkheads and structural supports, plastic grommets shall be used to protect both wiring and wire looms. • All wire bundles shall be tied with trimmed nylon ties. • Extreme care shall be exercised to provide for easy serviceability of the system in future years. • 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 operation. Proper insulation and heat deflection panels must be installed in such areas. • A high-current 12Vdc system wiring schematic shall be provided. • These are the minimum acceptable 12Vdc wiring requirements. |
| 14.00 | | <u>EMERGENCY LIGHTING / SIRENS:</u> |
| 14.01 | 1 | <p>Whelen 295SLSA6 siren with 9 low current lighting control switches. California Title 13 compliant.</p> <p>NOTE:</p> <p>Slide Bar Positions Control:</p> <ol style="list-style-type: none"> 1. Rear (Upper and Lower) 2. Rear (Upper and Lower), All Upper, Front Wall or "Light bar" 3. All |



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| 14.02 | 1 | Whelen SA315P high performance speaker. |
| 14.03 | 1 | Whelen 72" Freedom IV LC Series LED Lightbar F4X7BRBR, with led light heads. Street side end to be blue, curb side end to be red, every other light in between alternates red blue. Including: <ul style="list-style-type: none"> • Six (6) red flashing forward facing LED modules • Six (6) blue flashing forward facing LED modules • One (1) red flashing front corner LED module curb side • One (1) red flashing curb side facing LED module • One (1) red flashing rear corner LED module curb side • One (1) red flashing rear facing LED modules curb side • One (1) blue flashing front corner LED module street side • One (1) blue flashing street side facing LED module • One (1) blue flashing rear corner LED module street side • One (1) blue flashing rear facing LED modules street side • One (1) FLDSCBL Cable Exit on Driver Side • One (1) MKEZ7 mounting bracket • All the lenses shall be clear |
| 14.04 | 2 | Whelen TLIR ION-T- Series™ Linear Super-LED® Red with clear outer lens & TIONFC chrome flange. NOTE: Grille |
| 14.05 | 2 | Whelen TLIB ION-T- Series™ Linear Super-LED® Blue with clear outer lens & TIONFC chrome flange. NOTE: Grille |
| 14.06 | 1 | Whelen M6 series, M6RC (or current model), Linear Super-LED lighthouse with internal flasher, RED LED's with CLEAR outer lens. Includes M6FC chrome flange. |
| 14.07 | 1 | Whelen M6 series, M6BC (or current model), Linear Super-LED lighthouse with internal flasher, BLUE LED's with CLEAR outer lens. Includes M6FC chrome flange. |
| 14.08 | 3 | Whelen M7 series Linear Super-LED lighthouse with internal flasher, RED LED's with clear outer lens. model M7RC Includes chrome flange M7FC. |
| 14.09 | 3 | Whelen M7 series Linear Super-LED lighthouse with internal flasher, BLUE LED's with clear outer lens. model M7BC Includes chrome flange M7FC. |
| 14.10 | 3 | Whelen M9 series, M9RC, Linear Super-LED lighthouse with internal flasher, RED LED's with CLEAR outer lens. Includes chrome flange. |
| 14.11 | 3 | Whelen M9 series, M9BC, Linear Super-LED lighthouse with internal flasher, BLUE LED's with CLEAR outer lens. Includes chrome flange. |
| 15.00 | | <u>AUDIO / VIDEO:</u> |
| 15.01 | 4 | Samsung 32" QN32Q60CAF Q60C Series with wall mount bracket. Product features: <ul style="list-style-type: none"> • Resolution 4K • (3) HDMI, (2) USB • (2) Speakers • DTV Tuner/ATSC / Clear QAM |



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| | | <ul style="list-style-type: none"> • Dimensions: 28.5"(W) x 16.8"(H) x 1.2"(D) Weight 11.7lbs <p>NOTE:</p> <ul style="list-style-type: none"> • One (1) at each workstation, 1-3 • One (1) at exterior TV compartment |
| 15.02 | 1 | Install customer supplied robot antenna cable. <p>NOTE:</p> Connector to control box to be on interior at workstation #3. Cable will come through grommet in countertop. Connector for antenna to be on exterior rear wall on truck. |
| 15.03 | 1 | Weatherproof single door exterior work station and TV/monitor compartment. Constructed from 0.125" aluminum with all welded seams and hinged at the top. Includes: <ul style="list-style-type: none"> • Internal flip down work surface • LED strip light (illuminates when door is opened) • Gas charged lift support and locking latch |
| 15.04 | 1 | Honeywell Performance Hybrid Video Recorder HRHT4082 2TB 8-Channel DVR (or current model). <ul style="list-style-type: none"> • Connectivity Technology: Wired • HD Recording: Yes • System Components: Hybrid Video Recorder • Hard Drive: 2 TB • Video Formats: H.264, H.264+ • Video System: NTSC, PAL • Maximum Resolution: 4MP • Frame Rate: 240 Frames Per Second • Limited Warranty: 3 Year <p>NOTE:</p> DVR to record F6 robot camera. Robot input will be an AV (RCA) jack at wall for input to DVR. DVR to be inputted to HDMI matrix for viewing on all TV's. |
| 15.05 | 1 | JACK® model OA8500 Digital HDTV Antenna + Mount with SureLock™ DTV Signal Meter. No crank up, built in Amplifier and 360° rotation for improved reception. |
| 15.06 | 1 | Distribution Amplifier, as applicable. |
| 15.07 | 1 | Extron DXP 88HD 4K PLUS 8X8 HDMI Matrix Switcher. 60-1495-21 <p>NOTE:</p> Inputs: <ul style="list-style-type: none"> • One (1) HDMI inputs at workstations(Qty.3) • One (1) HDMI input at exterior TV compartment • Two (2) Mast Cameras • Scaler from DVR Outputs : <ul style="list-style-type: none"> • Four (4) TV's Extra inputs and outputs allow for future expansion when more equipment is added to the system. |
| 15.08 | 2 | Extron MKP 2000 X-Y Remote Control Panel for Extron Matrix Switchers. |



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| | | NOTE: One (1) in front room, one (1) located at exterior workstation. |
| 15.09 | 1 | Extron DSC 301 HD Three Input Compact HDCP-Compliant Video Scaler <ul style="list-style-type: none"> • HDMI and analog video scaling to HDMI • Auto-switching between inputs • HDMI auto embedding • Selectable output rates from 640x480 to 1920x1200, including 1080p/60 and 2K • Advanced scaling engine with 30-bit precision processing and motion-adaptive de-interlacing for signals up to 1080i • HDCP compliant |
| 15.10 | 4 | HDMI input jack, wall plate and cable. NOTE: To Matrix Switcher <ul style="list-style-type: none"> • One (1) input at each workstation(Qty. 4) • One (1) input in exterior TV compartment |
| 15.11 | 4 | HDMI input jack, wall plate and cable. NOTE: Local HDMI inputs - near TV/monitors (qty. 4) |
| 15.12 | 1 | USB Input jack and wall plate. NOTE: Located on the Streetside for customer supplied X-ray. |
| 15.13 | 1 | Audio/video (RCA) input jack. NOTE: Robot input will be an AV (RCA) jack at wall for input to DVR. Input located at workstation #3. |
| 15.14 | | HDMI connection cables, as required. |
| 16.00 | | <u>MAST AND MAST MOUNTED EQUIPMENT:</u> |
| 16.01 | 1 | Fireco 2200 series heavy-duty non-locking telescoping pneumatic mast. Mast features: <ul style="list-style-type: none"> • 265 lb. max top load capacity • 26' 2" extended height • 6' 1" nested height Includes: <ul style="list-style-type: none"> • KEY-WAY breakaway nylon key prevents tower rotation. Easily replaceable. • Air safety valve for over pressure release and condensation drainage. • Water drainage holes to avoid freezing at low temperatures. • Interlock to prevent vehicle from being driven with mast raised. • Fireco tower does not require routine lubrication. • Mast cap covers the top of all tower sections when the tower is in the retracted position keeping dirt and moisture out of the tower when stowed. |
| 16.02 | 1 | Gast 3/4-hp compressor with connected remote mount 20-gallon air tank. |
| 16.03 | 1 | Custom fabricated 0.125" aluminum Nycoil cylinder painted to match body color. |
| 16.04 | 1 | Custom fabricated 0.125" aluminum mast cover painted to match body color. |



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| 16.05 | 1 | Custom fabricated bracket on mast to mount two individual camera systems. |
| 16.06 | 1 | Mast lookup light mounted on mast. |
| 16.07 | 1 | Weatherproof mast up/down control switch on exterior of vehicle. |
| 16.08 | 2 | <p>AXIS Q6318-LE PTZ Dome Network Camera</p> <ul style="list-style-type: none"> • 4K UHD and 31x optical zoom • Axis Sharpdome technology with Speed Dry • Optimized IR with power-efficient, long-life 850 nm IR LEDs, range of reach 300 m (984 ft) or more depending on the scene • Built-in laser that provides laser focus for precise focus and quick-zoom functionality, it allows you to easily follow fast-moving objects |
| 16.09 | 2 | <p>Axis D1110 4K Video Decoder</p> <ul style="list-style-type: none"> • Enables monitors that support HDMI to display live video from Axis network cameras • 4K Video with HDMI Out • Sequence and Multiview (up to 8 cameras) |
| 16.10 | 2 | <p>SD Memory Card for IP camera. The SD card shall record mast camera allowing it to be downloaded and viewable via an IP address.</p> <p>NOTE: 64GB</p> |
| 17.00 | | <u>RADIOS:</u> |
| 17.01 | | 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. |
| 17.02 | 1 | <p>Prewire and make installation provisions for dual head communications radio. Installation includes:</p> <ul style="list-style-type: none"> • NMO-style base on the roof or antenna raceway, as applicable. • LMR195 antenna cable routed to radio transceiver location in Carlon Carflex ENT conduit. • 12Vdc power routed to radio transceiver location. <p>NOTE: Head locations to be at the Cab and Workstation #1 (50' Remote cable needed)</p> |
| 17.03 | 1 | <p>Single 3"H x 3"W x 12'L square aluminum tube antenna raceway on the roof of the apparatus. Antenna raceway will penetrate the roof at one location, to be determined. Includes the following:</p> <ul style="list-style-type: none"> • 3" high x 3" long aluminum access cover at each antenna base location on the side of the tubing for access to antenna base and coax cable. • Access covers with watertight gasket and attached with four (4) stainless steel machine screws. Raceway tube to have nut-serts installed for access cover attachment. • Carlon Carflex ENT conduit routed from antenna raceway penetration location to radio transceiver locations. |
| 17.04 | 3 | <p>Magnetic microphone holder. Magnetic Mic MMSU-1.</p> <p>NOTE: Siren mic</p> |
| 17.05 | 4 | <p>Firecom FHW507 Radio Transmit Convertible DECT7 Bluetooth Wireless Headset</p> <ul style="list-style-type: none"> • Features include – Direct Wire Radio, Listen-Through, Bluetooth, and Intercom-only • 24 hr battery, USB programmable |



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| | | NOTE: One headset to be direct wired to cab radio. |
| 18.00 | | <u>COMPUTER NETWORK AND EQUIPMENT:</u> |
| 18.01 | 4 | RJ-45 Cat6 computer network jack with Cat6 cable routed through Carlon Flex-Plus ENT conduit or raceway (as applicable). NOTE: Locations: • One (1) each workstation 1-3 • One (1) exterior workstation |
| 18.02 | 1 | Leviton 69270-U24 24-port Cat6 rack mount patch panel. |
| 18.03 | | Certified 18" Cat6 patch cord. As Required. |
| 18.04 | 1 | Cable Certification Report confirming that network wiring complies with Cat6 specifications. |
| 18.05 | 1 | Allied Telesis AT-GS950/24-10 24-port 10/100/1000T Unmanaged Gigabit Switch. Product features: • Wirespeed performance • Auto-negotiation Gigabit ports • Auto MDI/MDIX on TX ports • Transparent to VLAN packets • Full duplex flow control |
| 18.06 | 1 | Make installation provisions for customer owned 5G wireless router with single modem. Includes weathertight box mounted on antenna raceway or roof for future mounting of antenna. |
| 18.07 | 1 | Make installation provisions for customer owned 2 nd modem for 5G wireless router. Includes weathertight box mounted on antenna raceway or roof for future mounting of antenna. |
| 18.08 | 2 | MIMO Antenna Mount Box for Raceway. NOTE: Aluminum weather tight enclosure for mounting of a single MIMO antenna up to 7" and bolted on to LDV standard antenna raceway. |
| 19.00 | | <u>MISCELLANEOUS ELECTRONICS:</u> |
| 19.01 | 1 | Columbia Weather Systems Magellan MX™ series model MX500 weather station with LCD touch screen display. System includes the following: • All-in-one multi-parameter sensor housed in a self-aspirating radiation shield • Temperature Sensor • Relative Humidity Sensor • Digital Barometer • Relative humidity probe. • Ultrasonic wind direction & speed sensor with mounting adapter • Automatic self-alignment of wind direction using internal compass • Internal GPS • WeatherMaster™ software: Graphical weather monitoring software for Windows operating environment; displays, reports, and records current weather conditions. Readings data logged in Access database for future analysis and inclusion with other Windows-based programs. Internet capable, alarm notification program, and multi-station viewing features. Also includes ability to interface with Cameo/Aloha for plume modeling. |



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| | | <ul style="list-style-type: none"> • Touch screen LCD Color Weather Display Console™ • 19" rack mount chassis or wall mount • Displays real-time weather readings on four viewing screen views: Main, Aux, Trend and Min/Max. • Displays daily max/min data • FRC Kwik Raze KR-SB-500-I bottom raise pole with sensor permanently mounted on top. Pole has quick release handle that enables the pole to be raised approximately 24" above the roof line. <p>NOTE: Wall mount display located on the control panel by curbside door.</p> |
| 19.02 | 1 | Middle Atlantic vented rack front door with key lock. VSDR-12 |
| 19.03 | 1 | Custom fabricated mounting system to secure Middle Atlantic SRSR-X-14 (or current model) fourteen (14) space 19" wide x 23.25" depth open framed EIA electronics equipment rack with sliding rail system and swivel base. Rack to easily slide out and swivel from its fixed position allowing full access to rack mounted equipment. 200lb weight limit. |
| 19.04 | 1 | Thumb latch upgrade for SRSR Middle Atlantic Rack. |
| 19.05 | 1 | Middle Atlantic FTA-3 1 space fan tray, with three (3) 69 cfm ventilation fans. |
| 19.06 | 1 | Middle Atlantic PD-815SC-NS 15 amp power strip with eight (8) outlets. Includes PB-XS rack mounting bracket. |
| 19.07 | 1 | Cast Products EB00013-1 (or current model) cast aluminum box with key lock. The rear of the box will be removed to allow cables to be passed into the vehicle. |
| 19.08 | 1 | Shroud with weatherproof pass-through hatch installed in the door of the input box. |
| 19.09 | 1 | Exterior input box door painted to match body. |
| 20.00 | | <u>EXTERIOR STORAGE COMPARTMENTS:</u> |
| 20.01 | 1 | Single door underbody storage compartment with approximate interior dimensions 15" high x up to 24" wide x 25" deep constructed from 0.125" aluminum with all welded seams. NOTE: Compartment for slide-out pump, located under cassette stairs, curbside. |
| 20.02 | 1 | Single door underbody storage compartment with approximate interior dimensions 20" high x up to 40" wide x 25" deep constructed from 0.125" aluminum with all welded seams. NOTE: Curbside front storage compartment |
| 20.03 | 1 | Single door underbody storage compartment with approximate interior dimensions 20" high x up to 48" wide x 25" deep constructed from 0.125" aluminum with all welded seams. NOTE: Streetside midship storage compartment |
| 20.04 | 1 | Single door underbody storage compartment with approximate interior dimensions of 20" high x up to 64" wide x 25" deep constructed from 0.125" aluminum with all welded seams. NOTE: Curbside rear storage compartment Includes divider for air compressor |
| 20.05 | | Compartments listed above will be constructed to the following specifications: • Sweep out type bottoms with 1/2" drain holes. |



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| | | <ul style="list-style-type: none"> • 2" box pan doors and door frames fabricated from 0.125" aluminum. • Door frames shall be riveted to the body and welded to the compartments. • Compartments shall have an LED light that illuminates when the door is opened. Compartment doors will be constructed to the following specifications: <ul style="list-style-type: none"> • Stainless steel hinges attached with stainless machine screws. • Slam latches and flush mounted handles. • 0.100" bright polished aluminum diamond plate on interior surfaces fastened with stainless hardware. • All doors shall be sealed with industrial grade neoprene gasket. |
| 20.06 | 2 | Rooftop storage box. Single door storage box with cam latches and gas lift springs. Approximate dimensions 12" high x 24" wide x 75" long constructed from 0.125" aluminum with all welded seams. Mounted on aluminum hat channel(s). |
| 21.00 | | <u>MISCELLANEOUS OTHER:</u> |
| 21.01 | 1 | Girard Nova motorized retractable lateral arm awning. Features: <ul style="list-style-type: none"> • Dual-pitch awning with up to three lateral arms for superior strength, • AC electric powered motor with crank handle/manual override • Sensor that will retract the awning to prevent damage from the wind |
| 21.02 | 1 | Girard awning LED light kit. G-Lite Awning Lighting system is an LED light strip in the outer rail to illuminate area under awning. NOTE: Controlled by a button on the Multiplex system. |
| 21.03 | 1 | 15" wide roof access ladder mounted on rear. Ladder features: <ul style="list-style-type: none"> • All welded construction for maximum strength • 1" diameter X 0.083" brush finished tubular aluminum rails • Aluminum grip-strut rungs |
| 21.04 | 2 | Weld-on tie downs located on roof. <ul style="list-style-type: none"> • 11gage stainless steel NOTE: Roof mount for robot antenna(TBD) |
| 21.05 | 1 | Heavy-duty Quadra Mfg. Bigfoot® four point fully automatic one-touch leveling system. Includes: <ul style="list-style-type: none"> • Four (4) QEII-26 jacks with 17,000-lb. capacity each, 26" long with 20" stroke • Air ride dump valve • Fully automatic control panel with manual feature • Safety interlock when jacks are deployed |
| 21.06 | 1 | Set of four (4) Super Dolly Pads high density polypropylene, injection molded yellow colored for use with leveling system jacks. Pads measure 15" x 17" x 1" thick with a grab strap on one side. |
| 21.07 | 3 | 5 pound dry chemical fire extinguisher. NOTE: One (1) Cab extinguisher to be mounted on raised floor right behind driver seat. One (1) in rear on wall by robot door. One (1) to be determined or shipped loose for customer installation. |
| 21.08 | 2 | Battery powered combination Carbon Monoxide and Smoke alarm. |



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| 21.09 | 4 | SCBA compartment <ul style="list-style-type: none"> • Cast Products AD2001, Brushed finish, Weatherproof latch w/key. |
| 21.10 | 2 | Armag ATF Spec Steel Day Box. 18"W x 24"D x 24"H Type 3 Class ABC, Door will open out from the 18" width like the cabinet style. (ID 16" x 22" x 23"). Day boxes will be constructed of 11 gauge steel exterior with 3/4" plywood on all sides. Approximate weight per unit: 190 lbs. Includes ATF compliant padlock 7/16" shackle diameter with 1-1/16" clearance. The lock has a 5 pin tumbler. |
| 21.11 | 1 | Complete manual set, including the following (as applicable): <ul style="list-style-type: none"> • As-built specifications with interior and exterior drawings as used for production of the vehicle. • Chassis and body owner's manuals. • 12Vdc and 120Vac legends showing wire gauge, color, number and function. • 12Vdc high current wiring diagram illustrating the battery system, isolators, power converters, alternator, disconnect switches and control panels. • Roof top antenna placement drawing and legend identifying antenna placements and termination points. • Audio/Video cabling diagram. • Chassis and generator maintenance and service logs. • Battery maintenance information. • 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. |
| 21.12 | 1 | TRAINING. An LDV representative will provide up to eight (8) hours of orientation on LDV provided systems, as applicable: <ul style="list-style-type: none"> • Generator start up and shut down procedure • Leveling system operation • AC and DC electrical systems operation • HVAC systems operation • Mast operation • Audio/Video system operation, does not include programming DVR's, TV's, etc. • Alarm operation • Awning operation |
| 21.13 | | 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. |
| 21.14 | | 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: <ul style="list-style-type: none"> • Radio and telephone system programming. • Activation and service fees for cellular telephones, satellite telephones, satellite TV, satellite internet access. • Loading and configuring computer software. <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> |



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| Item | Qty | |
|------|-----|--|
| | | 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. |