



180 Industrial Drive
Burlington, WI 53105 USA
Phone: 800-558-5986
Fax: (262) 767-2529
Direct: +1 (262) 763-0147
www.ldvusa.com

**PRELIMINARY
SPECIFICATION FOR:**

NORTH RICHLAND HILLS FD (TX)
REHABILITATION VEHICLE

LDV PROPOSAL # C24RHB-36201-24
HGAC MODEL # SS24RC-CC

DATE

~~FEBRUARY 13, 2025~~

~~MARCH 14, 2025~~

~~AUGUST 14, 2025~~

~~AUGUST 15, 2025~~

~~August 22, 2025~~

November 5, 2025

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PRICING PAGE:

(HGAC contract AM10-23)

Total price per unit as specified, FOB Origin	\$336,383.00
Discount amount	-\$12,446.00
HGAC discounted price for 1 unit as specified	\$323,937.00

Contract Administration Fee - HGAC	\$1,000.00
HGAC discounted price for 1 unit as specified with Contract Admin Fees	\$324,937.00
Delivery charge to North Richland Hills, TX	\$5,025.00

Total price per unit	\$329,962.00
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Delivery terms: 24 months from receipt of purchase order.

****Non-delivery by the contract's specified date above, or other vendor nonperformance, will require a penalty that is \$100 per day until such time that the vehicle, compliant with the terms of the contract, has been accepted by the recipient.**

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.

Item	Qty	
1.00		<p><u>CHASSIS/BODY DIMENSIONS:</u></p> <ul style="list-style-type: none"> 14' dry van • Cab-to-Axle 108" • Wheelbase of chassis: 193" • Overall length of apparatus: 312" • Overall apparatus width, rub rail to rub rail: 96" • Overall height of apparatus (loaded): 134" • Interior walkway height raw body: 83" • Interior walkway height finished: 81.5" • Interior walkway length: 169" • Interior raw body width: 93" • Interior finished body width: 87" <p>Final measurements are dependent on body builder, chassis components, axles, tires, frame, suspension, and roof-mounted equipment.</p>
2.00		<u>CHASSIS:</u>
2.01	1	<p>NEW Ford F-450 Chassis 4x2 Regular Cab DRW XL gasoline chassis with the following features:</p> <ul style="list-style-type: none"> • 16,500-lb. GVWR with rear spring suspension and hydraulic brakes • 7.3L DEVCT NA PFI V8 Engine • 50 State Emissions System • 40 gallon fuel tank • 10-Speed TorqShift Automatic with overdrive • 4.88 Rear Axle Ratio • Brakes: 4-Wheel disc Anti-lock Braking System (ABS) • AM/FM Stereo/MP3 player • Air Conditioning • Power windows and locks • Interior color - Medium Earth Gray • Paint color – Black
2.02	1	Spring upgrade installed on rear suspension.
2.03	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.
3.00		<u>BODY:</u>
3.01	1	<p>Load space area shall be 84" high (ID) x 96" wide (OD) x 14' (ID) long custom all aluminum dry van body with the following:</p> <ul style="list-style-type: none"> • Construction: (.040) Pre-painted white aluminum panels with aluminum "Z" posts on 16" centers • Rivetless smooth sided body • Skirting: 0.090 pre-painted white aluminum skirting. Same height as rear step and side door. • Radius Front: (5.5") Radius, aluminum front corner posts • Roof: (.032) Aluminum with bows 16" O.C. "Zephyr" 12" aluminum roof radius, polished aluminum castings on front corners and LED clearance lights. • Rear Frame: stainless steel

Item	Qty	
		<ul style="list-style-type: none"> • Side Door: Curbside 32" x 80" swing door, swinging to front, with 14"x 20" laminated safety glass, Kason keyed to lock handle, recessed two (2) step aluminum step well, and drip rail over door. Interior lined with 1/8" aluminum tread plate. • Rear Doors--Solid rear with aluminum white sheet and aluminum Z post. • Rear: Closed face bumper step painted black. • Floor: 1-1/8" Laminated hardwood. • Understructure: 3" I beam crossmembers on 12" centers with alternating crossmembers gusseted to long sills • Lights: Exterior - LED lights per FMVSS-108 with reflectors as required. • Mounting: Hardwood isolator with 5/8" zinc plated U-bolts installed through steel crush pipe between chassis frame. Structural steel channel anti-shift "standards" welded to long sills, one each side of the body.
3.02	1	Exterior heavy-duty fluted aluminum grab handle with rubber inserts and chrome plated stanchions installed at entry door.
3.03	1	Automatic LED courtesy light at entry door.
3.04	1	Lippert Treadlite 30" wide - single - automatic electric steel entry step mounted under entry door. Product features: <ul style="list-style-type: none"> • Automatic LED ground light • Step remains extended unless ignition is turned on. NOTE: Step light will be tied into courtesy light defeat.
3.05	1	Entire underside shall be undercoated. Includes floor extrusions, step wells and aluminum compartments.
4.00		<u>PAINT / GRAPHICS:</u>
4.01		Chassis paint – Ford Factory Black Body paint – Body Manufacturer Black pre-painted aluminum panels
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	5	Custom computer-generated reflective vinyl shield. Customer shall supply true vector artwork required to produce shield.
5.00		<u>INDEPENDENCE ONYX INTERIOR:</u> <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 Powder Coated Aluminum • Counters and Tables: #4880-38 Carbon Mesh Laminate Note: Manufacturer reserves the right to substitute equivalent materials.

Item	Qty	
6.00		<u>DRIVER / PASSENGER CAB AREA:</u>
6.01		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.
7.00		<u>WALLS, CEILING AND FLOOR:</u>
7.01		Install wood furring strips on interior body side posts and roof supports to provide space for the installation of insulation, conduit and electrical boxes.
7.02		Insulate walls with a minimum of 2-1/2" of fiberglass insulation. Cover interior body side posts with 1/2" plywood sub wall.
7.03		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.
7.04		Insulate ceiling with a minimum of 2-1/2" of fiberglass. Cover interior roof supports with 1/2" plywood.
7.05		Cover sub ceiling with Veelok 17-oz. ribbed loop pile fabric.
7.06		Floor underlayment to be 5/8" exterior grade tongue and groove structural plywood, 6 ply, face veneer plugged and sanded.
7.07		Lonseal Loncoin II Flecks non-skid commercial grade PVC flooring. The flooring shall be continuous, one piece full length, full width, no seams.
7.08		Vinyl cove molding (mop board) at base of wall, 2-1/2" high. Installed where required.
7.09	4	VersaTie VT-Track-4 (Airline type track) sections, up to 8' each, recessed into the floor as shown on the drawing.
7.10	4	VersaTie black track filler sections, up to 8' each.
7.11	8	VersaTie VT-2000 heavy-duty double stud tie down rings
7.12	1	Flush pocket door installed on heavy-duty aluminum c-channel track with two (2) three-wheel roller trucks. Pocket door shall have recessed handle and magnetic closure to keep the door open/closed.
7.13		All bulkheads shall be covered with Kemlite 0.075" FRP. Trim exposed edges of bulkheads with rounded anodized aluminum trim where applicable.
7.14	1	Hehr curb side mounted 30" wide x 19" high flush mount deep-tint horizontal sliding egress window with screen. NOTE: Interior window covering will be a mini blind.
7.15	1	Hehr street side mounted 30" wide x 19" high flush mount deep-tint horizontal sliding egress window with screen. NOTE: Interior window covering will be a mini blind.
8.00		<u>GALLEY:</u>
8.01	1	Microwave oven, minimum 1.0 cu. ft..1000-watt. NOTE: Current model is Panasonic NN-SU656B 1.3 Cu. Ft. Black Countertop Microwave Oven

Item	Qty	
8.02	1	KEURIG K-Duo Plus Single Serve & Carafe Coffee Maker <ul style="list-style-type: none"> • 12 Cup Thermal Carafe • Use Ground Coffee or KCup & Reg Pods • 14.19" H x 7.68" W x 15.88" D (17.5" top is open)
8.03	1	Norcold POLAR N8DCSSX (or current model) Stainless Steel 12Vdc refrigerator. Refrigerator has the following features: <ul style="list-style-type: none"> • 8.0 ft³ capacity • Two-door model with integrated latches • 7.9A - 12Vdc
9.00		<u>SEATING:</u>
9.01		Fabricate and install fixed bench seating with removable cushions as shown on drawing. Bench seat cushions shall be covered in heavy-duty vinyl.
9.02		<u>BENCH SEAT REQUIREMENTS:</u> <ul style="list-style-type: none"> • Foam for seat backs and bottoms shall be firm density. • All bench seating material must meet Federal Motor Vehicle Safety Standards part 571.302 Flammability of Interior Materials. • Material corners shall be squared or angled to fit precise cut of foam. • Foam shall be bonded to plywood backer with industrial grade adhesive. • Attachment of fabric/vinyl to backer shall utilize industrial grade upholstery staples.
10.00		<u>CABINETS:</u>
10.01		Custom fabricated aluminum cabinets located as shown on drawing. Cabinet specifications: <ul style="list-style-type: none"> • 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	2	Dry erase writing surface on overhead cabinet door.
10.03	1	LED light with on/off switch, mounted under overhead cabinet.
10.04	1	Adjustable aluminum shelf with 1" lip. NOTE: Streetside, front room base cabinet
10.05	4	FRP shelf up to 24" wide with 2" lip at front edge. NOTE: Streetside, front room closet
10.06		Closet shelves shall be infinitely adjustable using mini B-line track and hardware.
10.07		Countertops shall be covered in 0.040" Wilsonart laminate. All exposed edges shall be covered with heavy duty flexible PVC T-molding.
10.08		Removable table covered in 0.040" Wilsonart laminate. All exposed edges shall be covered with heavy duty flexible PVC T-molding.

Item	Qty	
10.09	1	120/240Vac Control Center, 12Vdc power panels, master disconnect switch and auto resetting breakers shall be located in cabinet as shown on drawing.
11.00		<u>HVAC SYSTEM:</u>
11.01	2	Low profile rooftop air conditioner. Includes: <ul style="list-style-type: none"> • 13,500 nominal Btu/hr air conditioner with condensate pump. • Ceiling Assembly with 6,000 Btu/hr heat strip
12.00		<u>AC ELECTRICAL SYSTEM:</u>
12.01	1	Onan Commercial QG EFI 7000 7kW 120/240 volt AC generator HGJAD-2141 mounted in custom fabricated all aluminum compartment. Product features: <ul style="list-style-type: none"> • Sound rating at 10 ft (3 m) full load: 70 dB(A) • Cummins Onan OHV engine • Overspeed/underspeed protection • Fuel consumption is as follows: 50% load = 0.73 GPH, full load = 1.22 GPH <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 door and 0.125" aluminum frame. • Door frame shall be riveted to the body and welded to the compartment. • Door shall have stainless steel hinge attached to the door and door frame with stainless machine screws. • 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	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
12.03	1	120/240Vac electrical control panel with the following features: <ul style="list-style-type: none"> • 60A generator and 30A shore power main breakers • Six (6) AC UL listed magnetic/hydraulic branch circuit breakers with LED indicators • Digital AC voltmeter • Generator stop/start switch, generator hour meter • Shore power reverse polarity indicator
12.04		120Vac auxiliary control panels as required with UL listed magnetic/hydraulic circuit breakers and LED indicators.
12.05	1	Kussmaul Super 30 Auto Eject, 30A-120Vac shore power inlet, mounting plate with indicator light and 25-ft. 30A-120Vac shore power cord.
12.06	4	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. <p>NOTE: TBD</p>

Item	Qty	
12.07	2	20A-125Vac GFCI duplex receptacle. These receptacles are not dedicated to any installed equipment. NOTE: Galley area (streetside)
12.08	1	20A-125Vac exterior GFCI duplex receptacle. NOTE: Receptacle will be installed with a weatherproof cover.
12.09	1	<u>120/240VAC WIRING REQUIREMENTS:</u> • All 120/240Vac main wiring shall be stranded THHN wire and run in non-metallic Carlon Carflex liquid tight conduit. . • All 120/240Vac branch circuit wiring shall be boat cable (AWG 12 minimum). • All electrical circuits and appliances shall conform to applicable national electrical codes.
13.00		<u>DC ELECTRICAL SYSTEM:</u>
13.01	2	60 amp electronic converter/charger. Product features: • Charges up to three banks of batteries at the same time. • UL listed for safety. • Manual reset circuit breaker. • Reverse battery protection. • Electronic current limiting. • High voltage protection.
13.02	2	6V Deep Cycle Glass Mat Batteries mounted in the interior.
13.03	1	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.
13.04	1	12Vdc control panel with seven (7) UL listed magnetic/hydraulic circuit breakers with red LED indicators and 12Vdc digital voltmeter.
13.05	1	Dual Auxiliary Battery Disconnect System. Enables auxiliary battery disconnect to be activated from cab or load space area.
13.06	11	Light, Orion 6" LED, neutral white with polished bezel and voltage regulation.
13.07	3	Whelen M9LZC Gradient LED Scene Light with chrome flange. NOTE: 1 per side and 1 rear
13.08		<u>12VDC WIRING REQUIREMENTS:</u> • 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"

Item	Qty	
		<ul style="list-style-type: none"> • 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	Whelen 295SLSA6 siren with 9 low current lighting control switches. California Title 13 compliant. NOTE: Slide Bar Positions Control: <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
14.02	1	Whelen SA315P high performance speaker.
14.03	1	Whelen TLIR ION-T- Series™ Linear Super-LED® Red with clear outer lens & TIONFC chrome flange.
14.04	1	Whelen TLIB ION-T- Series™ Linear Super-LED® Blue with clear outer lens & TIONFC chrome flange.
14.05	5	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.
14.06	5	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.

Item	Qty	
15.00		<u>RADIOS:</u>
15.01		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.
15.02	1	<p>Prewire and make installation provisions for 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: Location: (1) Cab Area</p>
16.00		<u>EXTERIOR STORAGE COMPARTMENTS:</u>
16.01	2	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.
16.02		<p>Compartments listed above will be constructed to the following specifications:</p> <ul style="list-style-type: none"> • Sweep out type bottoms with 1/2" drain holes. • 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. <p>Compartment doors will be constructed to the following specifications:</p> <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.
17.00		<u>MISCELLANEOUS OTHER:</u>
17.01	1	5 pound dry chemical fire extinguisher.
17.02	2	Battery powered combination Carbon Monoxide and Smoke alarm.
17.03	1	<p>Complete manual set, including the following (as applicable):</p> <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.

Item	Qty	
17.04	1	At time of delivery to customer's facility an LDV representative will provide up to four (4) hours of orientation on LDV provided systems, as applicable: <ul style="list-style-type: none"> • Generator start up and shut down procedure • AC and DC electrical systems operation • HVAC systems operation
17.05		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.
17.06		<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"> • 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> <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>