QUOTATION

Safeware, Inc.
5710 South 32nd Street
Phoenix, AZ 85040
USA
800-331-6707
www.safewareinc.com

Order Number	
10127601	
Order Date	Page
06/13/2024 09:37:06	1 of 1

Quote Expires On: 07/31/2024

Contract No: Maricopa County #210237-C

Bill To: **Customer ID:** 140263

Apache Junction Police Department
1001 N. Idaho Rd
Apache Junction, AZ 85119

480-982-8260

Ship To:

Apache Junction Police Department
1001 N. Idaho Rd
Apache Junction, AZ 85119

Requested By: Johnny John

PO Number	*Taker*	*Email*
LDV	Debbie Lundquist	dlundquist@safewareinc.com
Freight Terms	***Phone***	***Fax***
Freight Paid	303-322-3577	
Sales Representative		
Rob Berner		

Quantities					*Item ID* / *Item Description*	*Pricing UOM* / *Unit Size*	*Unit Price*	*Extended Price*
Ordered	*Allocated*	*Remaining*	*UOM* / *Unit Size*	*Disp.*				
1.00	0.00	1.00	EA		LDV PROPOSAL C40MCC-35955-23	EA	1,653,360.00	1,653,360.00
			1.0		APACHE JUNCTION (AZ) MOBILE COMMAND CENTER	1.0		

Total Lines: 1

SUB-TOTAL:	1,653,360.00
TAX:	133,942.16
AMOUNT DUE:	**1,787,302.16**

Actual freight added per freight terms

180 Industrial Drive
Burlington, WI 53105 USA

Phone: 800-558-5986
Fax: (262) 767-2529
Direct: +1 (262) 763-0147
www.ldvusa.com

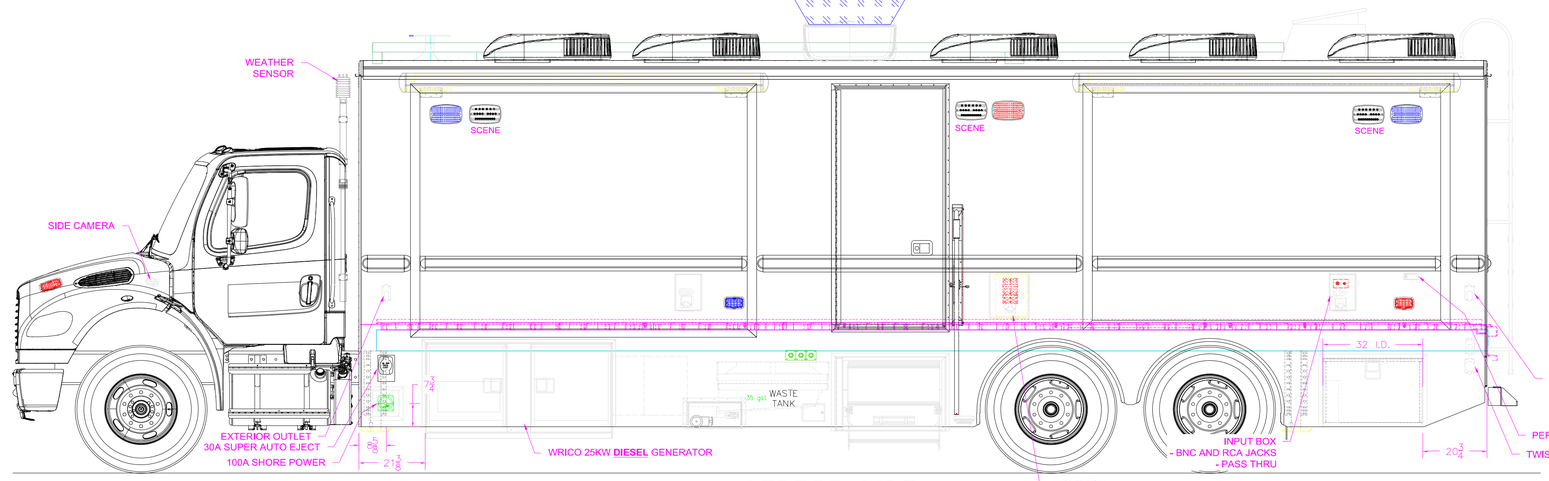
PRELIMINARY
SPECIFICATIONS FOR:

APACHE JUNCTION (AZ)

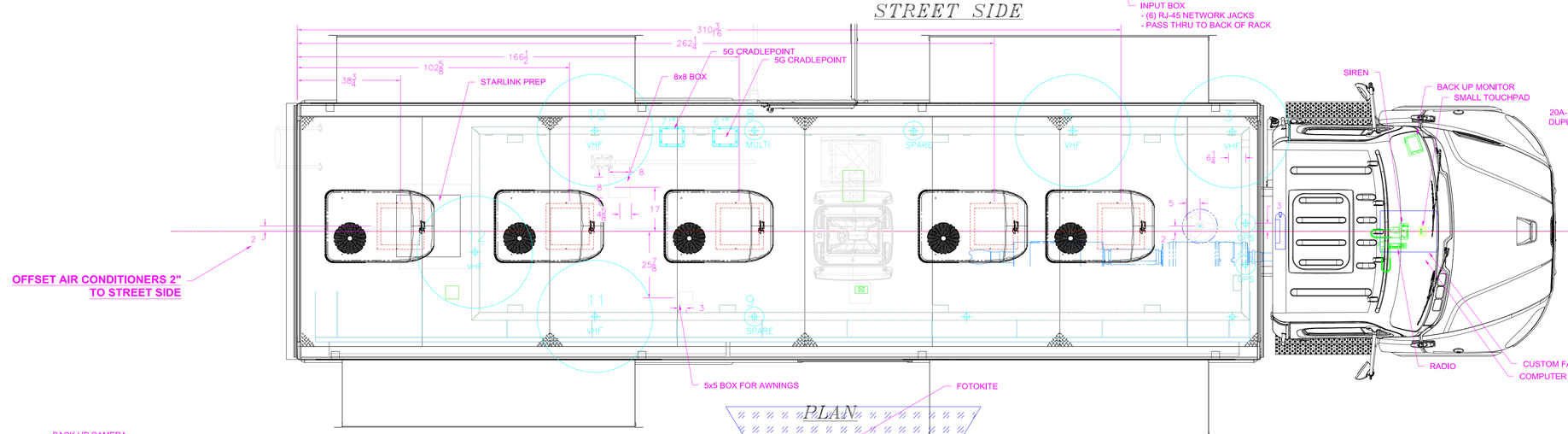
MOBILE COMMAND CENTER

LDV PROPOSAL # C40MCC-35955-23

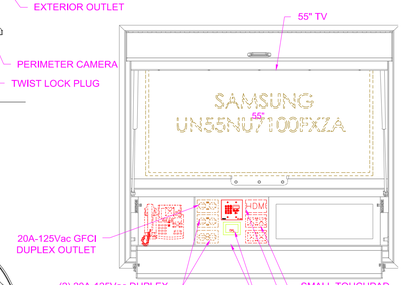
April 19, 2024



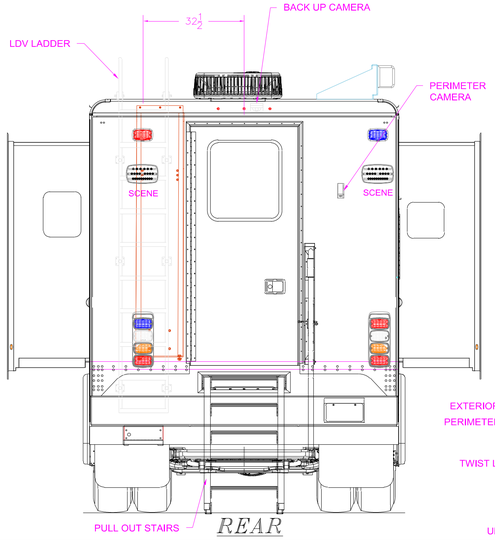
STREET SIDE



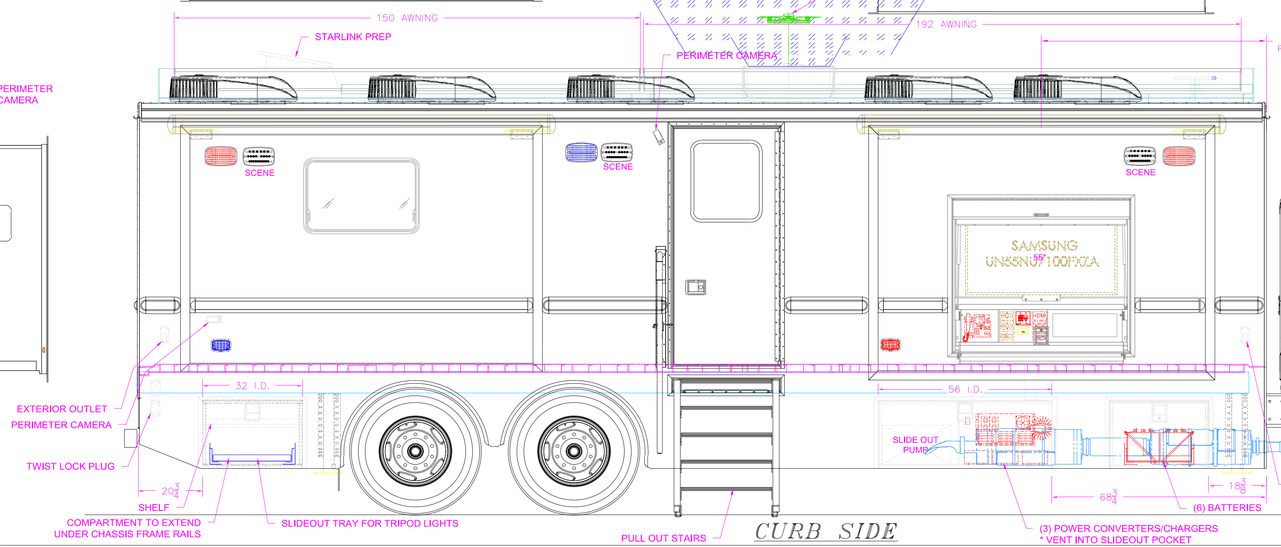
PLAN



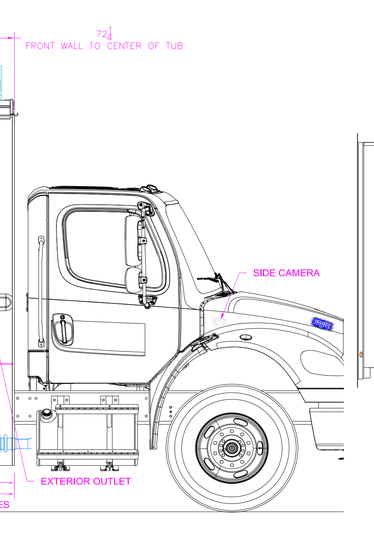
EXTERIOR WORK STATION

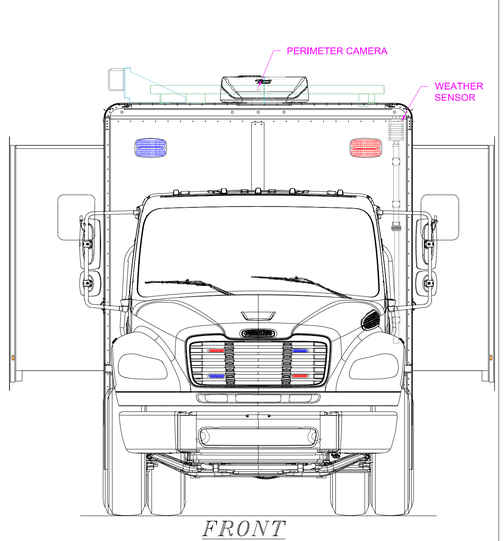


REAR



CURB SIDE





FRONT

LED CEILING LIGHT (WHITE)
LED CEILING LIGHT (WHITE, RED OR BLUE)
OR ON DURING REDUCED MODE

120 VAC
120 VAC WITH DUAL USB PORTS
120 VAC G.F.I.
INVERTER
12 VDC

OUTLET IDENTIFICATION COLOR
120 VAC (ELECTRONICS/DEDICATED)
120 VAC (NON-DEDICATED)
120 VAC (HOT/AUTO EJECT/SHORE)

HDMI HDMI PORT
RJ-45 NETWORK JACK
RJ-11 TELEPHONE JACK
TV ANTENNA
SPARE PLATE
SPEAKER VOLUME
SWITCH
MICROPHONE

TPD INTERIOR INTEL-I-TOUCH PAD
TPS EXTERIOR INTEL-I-TOUCH PAD
SURVEILLANCE CAMERA
EXTERIOR 120 VAC G.F.I.
AC THERMOSTAT
ESPAR FURNACE THERMOSTAT

ALARM SYSTEM CONTROL
WATER/WASTE TANK LEVEL MONITOR
CO/SMOKE DETECTOR
SPEAKER
BACK-UP CAMERA
PERIMETER CAMERA

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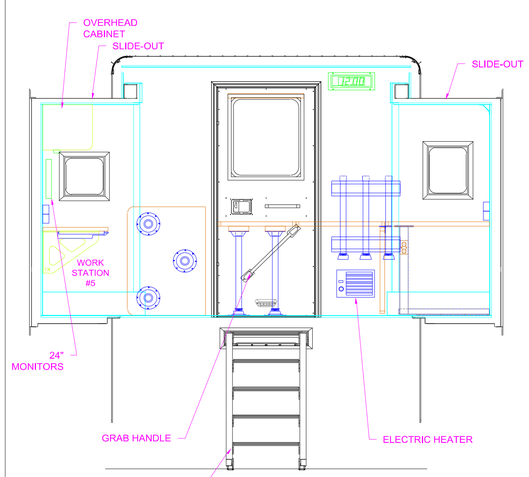
REVISIONS

NO.	DESCRIPTION	DATE	BY
1			
2			
3			
4			
5			
6			
7			

LDV

APACHE JUNCTION (AZ)
C40MCC-35955-23

DRAWN BY: EPC	DATE: 04.16.2024	SCALE: 1/2" = 1'-0"
PROJECT MGR.: N. PETERSEN	DATE	APP'D
DRAWING: EXTERIOR SALES		



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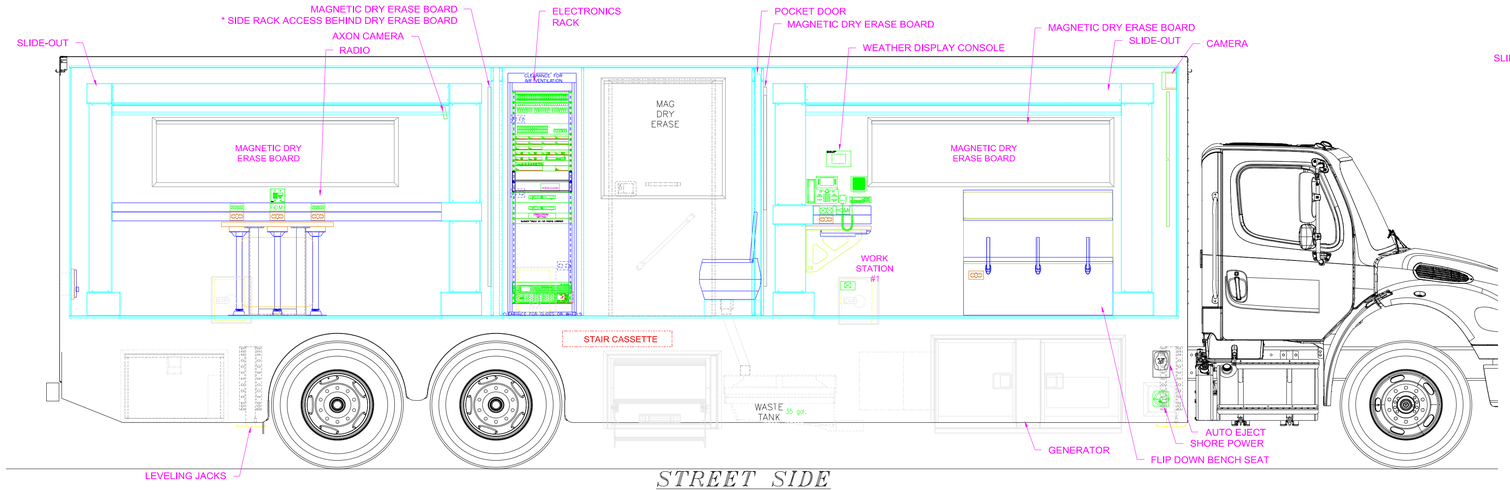
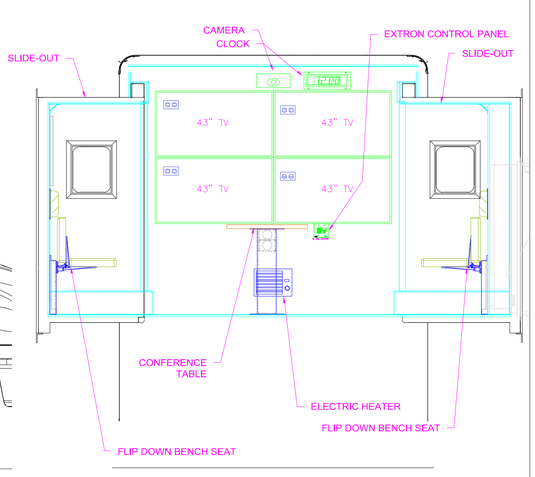
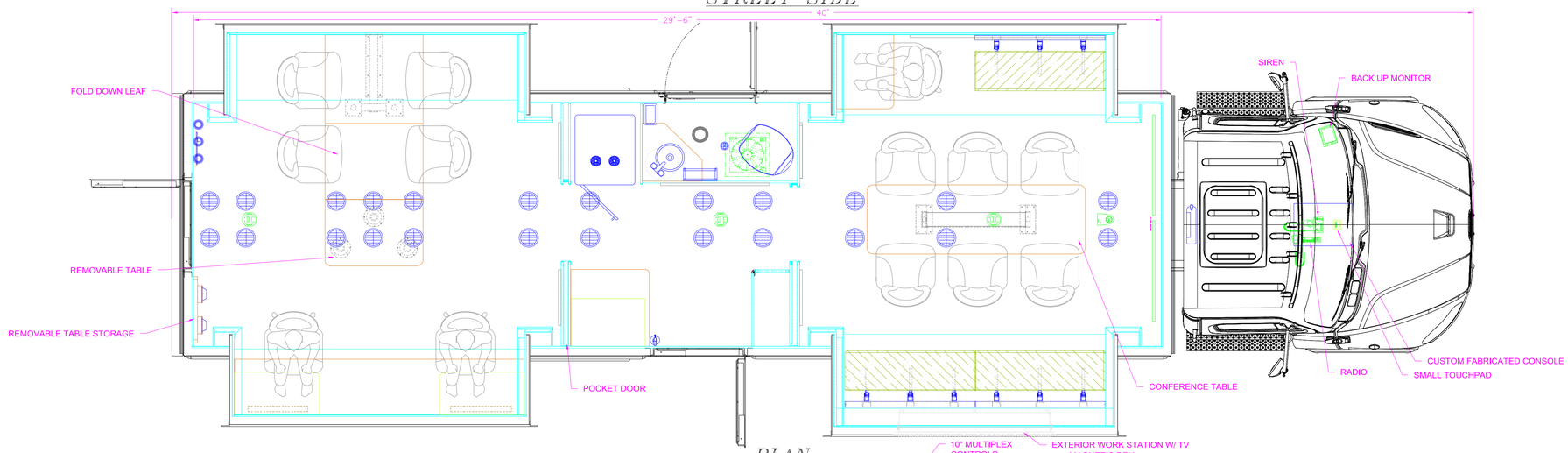


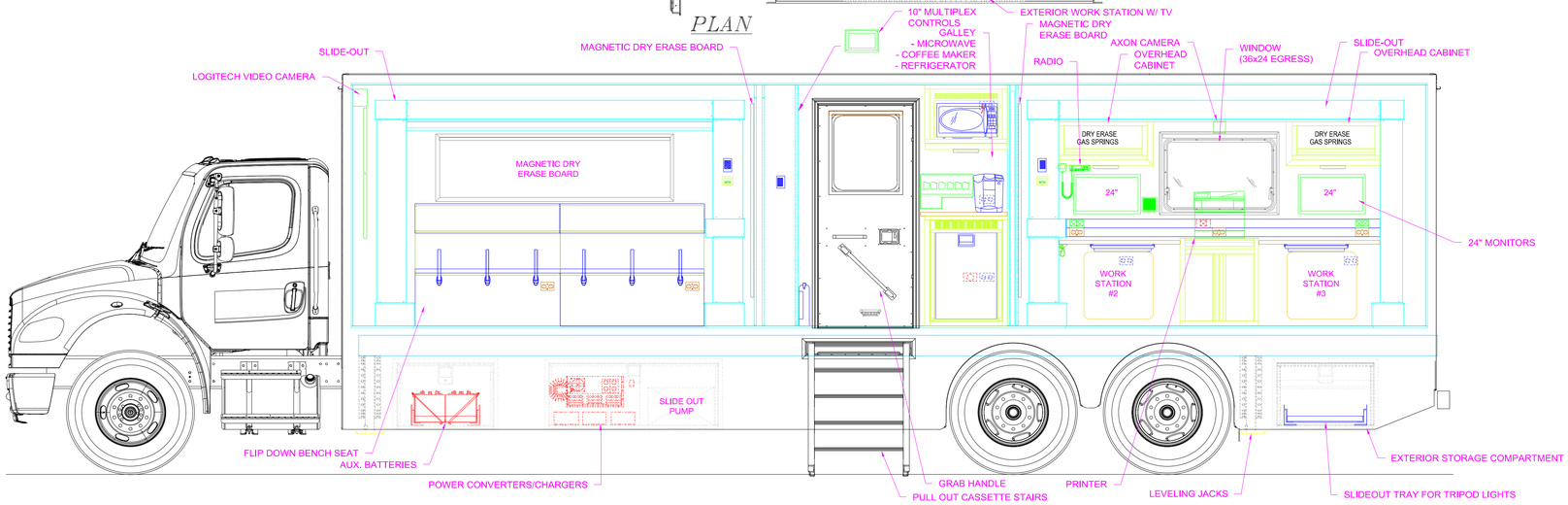
STREET SIDE



FRONT



PLAN



CURB SIDE

LED CEILING LIGHT (WHITE)
LED CEILING LIGHT (WHITE, RED OR BLUE)
OR ON DURING REDUCED MODE

120 VAC
120 VAC WITH DUAL USB PORTS
120 VAC G.F.I.
INVERTER
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OUTLET IDENTIFICATION COLOR
120 VAC (ELECTRONICS/DEDICATED)
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HDMI HDMI PORT
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TV ANTENNA
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SURVEILLANCE CAMERA
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AC THERMOSTAT
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ALARM SYSTEM CONTROL
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REVISIONS

NO.	DESCRIPTION	DATE	BY
1	MODS TO AVONDALE PD BASE LAYOUT PER TELEPHONE CONF	4.16.24	EPC
2			
3			
4			
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6			
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LDV

APACHE JUNCTION(AZ)
C40MCC-35955-23

DRAWN BY: EPC	DATE: 04.16.2024	SCALE: 1/2" = 1'-0"
PROJECT MGR.: N. PETERSEN	DATE	DWG. TYPE: X
DRAWING: SALES		

CUSTOM SPECIALTY VEHICLES

180 Industrial Drive
Burlington, WI 53105 USA

Phone: 800-558-5986
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Item	Qty	
1.00		**CHASSIS/BODY DIMENSIONS:** 29.5' dry van wide body tandem • Cab-to-Axle 252.4" • Wheelbase of chassis: 318" • Overall length of apparatus: 484" • Overall apparatus width, rub rail to rub rail: 102" • Overall height of apparatus (loaded): 149" • Interior walkway height raw body: 83" • Interior walkway height finished: 81.5" • Interior walkway length: 354" • Interior raw body width: 99" • Interior finished body width: 93" Final measurements are dependent on body builder, chassis components, axles, tires, frame, suspension, and roof-mounted equipment.
2.00		**CHASSIS:**
2.01	1	2024 Freightliner M2 106 Conventional cab, Tandem rear axle truck chassis. 56,000-lb. GVWR with rear air ride suspension and air brakes. **ENGINE:** • Cummins L9 360EV HP @ 2200 RPM, 2200 GOV, 1150 LB/FT @ 1200 RPM **ENGINE EQUIPMENT:** • 2016 Onboard Diagnostics/2010 EPA/CARB/GHG14 • 2008 Carb Emissions Certification - Clean Idle (Includes 6X4" label on Lower Forward Corner of Driver Door) • 12v 240 amp 40-SI brushless pad alternator • (2) group 31, 12 volt maintenance free 2000 cca threaded stud batteries • Single battery box frame mounted LH side under cab • Positive and negative posts for jumpstart • 18.7 cfm air compressor with internal safety valve • GVG, fire and emergency service vehicles engine warning • Cummins engine brake integral with variable geometry turbo • RH standard horizontal tailpipe • 6 gallon diesel exhaust fluid tank • Antifreeze to -34f, extended life coolant • Gates blue stripe coolant hoses or equivalent • 1000 Watt/115 volt block heater • 12v 38mt hd starter with integrated magnetic switch **TRANSMISSION:** • Allison 3000 EVS automatic transmission with PTO provision **TRANSMISSION EQUIPMENT:** • Magnetic plugs, engine drain, transmission drain, axle(s) fill and drain • Push button electronic shift control, dash mounted • Transmission oil check and fill with electronic oil level check • Synthetic transmission fluid

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Item	Qty	
		FRONT AXLE AND EQUIPMENT: • 16,000# Drop single front axle • Meritor 16.5x6 Q+ cast spider cam front brakes, double anchor, fabricated shoes • Fire and emergency severe service, non-asbestos front lining • Front oil seals • Automatic front slack adjusters • TRW tas-85 power steering • Synthetic 75w-90 front axle lube **FRONT SUSPENSION:** • 16,000# Taperleaf front suspension • Front shock absorbers **REAR AXLE EQUIPMENT:** • 40,000# R-series Tandem rear axle • 4.88 Rear axle ratio • (1) Interaxle lock valve for tandem or tridem drive axles • Meritor 16.5x7 Q+ cast spider cam rear brakes, double anchor, fabricated shoes • Fire and emergency severe service non-asbestos rear brake lining • Rear oil seals • Automatic rear slack adjusters • Synthetic 75w-90 rear axle lube **REAR SUSPENSION:** • Airliner 40,000# Extra duty rear suspension • Airliner high position ride height • Manual dump valve for air suspension with indicator light and buzzer, without gauge • Rear air suspension dump valve autofill with ignition off or >5 mph • Dual air rear suspension leveling valves • Rear shock absorbers - two axle (tandem) (air ride suspension) **BRAKE SYSTEM:** • Air brake package • 4S/4M ABS • BW AD-9 brake line air dryer with shield, heater and integral reservoir • Air dryer frame mounted • Steel air brake reservoirs • Pull cable on wet tank, petcock drain valves on all other air tanks **FRAME:** • 7/16"x3-9/16"x11-1/8" steel frame • 1/4" (6mm) C-Channel inner frame reinforcement **CHASSIS EQUIPMENT:** • Three-piece 14 inch chromed steel bumper with collapsible ends • Front tow hooks - frame mounted • Bumper mounting for single license plate **FUEL TANKS:** • 50 gallon/189 liter rectangular aluminum fuel tank - RH • 50 gallon/189 liter short rectangular aluminum fuel tank - LH

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Item	Qty	
		• Length of auxiliary pickup tubes (generators, furnaces etc.) shall prevent these devices from using more than 75% of vehicle's fuel tank capacity • Polishing of fuel/hydraulic tank(s) with painted bands • Fuel tank(s) forward • Polished stainless steel step finish • High temperature reinforced nylon fuel line **TIRES:** • Michelin X Line Energy Z 315/80R22.5 20 ply radial front tires (or current model) • Michelin X Multi D 275/80R22.5 14 ply radial rear tires (or current model) **WHEELS:** • Accuride 22.5x9.00 10-hub pilot 6.02 inset 10 hand aluminum disc front wheels • Accuride 42644 AccuLlite aluminum outside, 51408 Accu-Lite steel inside; 22.5x8.25 10-hub pilot disc rear wheels • Bright standard polish front wheels with accu-shield finish • Bright standard polish rear wheels with outer only accu-shield finish **CAB INTERIOR:** • Interior convenience package • Heater, defroster and air conditioner • Standard HVAC ducting • Heavy duty air conditioner compressor • Dome door activated LH and RH, dual reading lights, forward cab roof • LH and RH electric door locks • (1) 12 volt power supply in dash • Premium high back air suspension driver seat with 2 chamber air lumbar, integrated cushion extension, tilt, adjustable shock absorber • Premium high back air suspension passenger seat with 2 chamber air lumbar, integrated cushion extension, tilt, adjustable shock absorber • Dual driver and passenger seat armrests • Black mordura cloth driver seat cover • Black mordura cloth passenger seat cover • High visibility orange retractor driver and passenger seat belts • Adjustable tilt and telescoping steering column **CAB EXTERIOR:** • 106" BBC Flat roof aluminum conventional cab • Leaf spring rear cab suspension • Nonremovable bugscreen mounted behind grille • LH and RH exterior grab handles with single rubber insert • Hood mounted chromed plastic grille • Dual electric horns • Door locks and ignition switch keyed the same • Dual west coast bright finish heated mirrors with LH and RH remote • LH and RH 8" bright finish convex mirrors mounted under primary mirrors • RH down view mirror • Omit rear window

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Item	Qty	
		• Tinted door glass LH and RH with tinted operating wing windows, and tinted windshield • RH and LH electric powered windows **INSTRUMENTS & CONTROLS:** • 97 db backup alarm • Electronic cruise control with switches in LH switch panel • 2 Inch electric fuel gauge • Programmable rpm control - electronic engine • Electrical engine coolant temperature gauge • 2 Inch transmission oil temperature gauge • Engine and trip hour meters integral within driver display • Electric engine oil pressure gauge • AM/FM/WB Radio with bluetooth, and USB and front auxiliary inputs dash mounted radio • (2) radio speakers in cab • AM/FM Antenna mounted on forward LH roof • Electronic mph speedometer with secondary kph scale, without odometer Note: Chassis specifications are from Freightliner Custom Chassis and are subject to change without notice.
2.02		**CHASSIS WARRANTY:** • Five (5)-year/50,000-mile Freightliner M2 chassis warranty. • Two (2)-year/100,000-mile Cummins engine warranty. • Five (5)-year/unlimited miles Allison transmission warranty.
2.03	1	Chassis starter interlock system. • Chassis starter is disabled when any of the connected systems is not ready for vehicle travel. • Audio warning will sound if ignition is turned on • Multiplex screen will show a which device is not stowed and engaging the interlock. • Override button allows for moving the vehicle in an emergency situation.
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.
2.05	1	Route horizontal exhaust to streetside.
3.00		**BODY:**
3.01	1	• Load space area shall be 83" high x 99" wide x 29.5' long custom all aluminum 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,

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Item	Qty	
		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 3" deep aluminum rear bumper painted to match the body. • 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. Note: Specifications are from body manufacturer and are subject to change without notice.
3.02	3	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. **NOTE:** Locate (1) curb side and (1) rear for entry doors. Locate (1) street side for lavatory.
3.03	3	Custom fabricated door holder, manually operated to hold door in fixed open position, **NOTE:** Locate (1) curb side and (1) rear for entry doors. Locate (1) street side for lavatory.
3.04	3	Interior heavy-duty fluted aluminum grab handle with rubber inserts and chrome plated stanchions installed at entry door. **NOTE:** Locate (1) on each interior door panel.
3.05	3	Wire one of the overhead lights to function as a courtesy light when the entry door is opened. **NOTE:** Locate (1) at each entry door.
3.06	3	Whelen PEL2C automatic courtesy LED light at lower portion of the entry door with chrome housing. **NOTE:** Locate (1) at each entry door. Illuminate steps when door is opened.
3.07	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.

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Item	Qty	
3.08	2	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.
3.09	1	Underbody compartment with steps for exterior lavatory access. Includes exterior fold out handrail.
3.10	1	Whelen Stop/Turn/Tail/Backup light set. Includes two of each of the following: • Whelen M6FCV4 polished chrome vertical housings for four M6 series lightheads. The fourth light head will be an emergency flasher as specified in the DC Emergency Lighting section. • 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.
3.11	1	Cast Products LP0004-1-B aluminum license plate mounting frame with LED light.
3.12	1	Entire underside shall be undercoated. Includes floor extrusions, step wells and aluminum compartments.
3.13	1	LDV rear mud flaps. Includes anti-sail brackets when required.
3.14	4	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. Features: • 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. **NOTE:** Street side Front Slide Out. 105" x 30” deep, extension 26" Curb side Front Slide Out. 105" x 34” deep, extension 30" Street side Rear Slide Out. 112" x 30” deep, extension 26" Curb side Rear Slide Out. 110" x 30” deep, extension 26"
3.15	8	Flashing warning light for slide out. **NOTE:** Amber LED color.
4.00		**PAINT / GRAPHICS:**
4.01		Body paint base color shall be single color nonmetallic single stage paint from the roof line down. **NOTE:** Paint color to be White.
4.02	1	1-inch wide reflective stripe on the exterior back and sides of the vehicle above and below large stripe.
4.03	1	6-inch wide reflective stripe on the exterior back and sides of the vehicle.

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4.04	1	Custom computer-generated reflective vinyl graphics per customer specifications. Includes up to seventy 8"-10" letters and up to forty-five 3"-6" letters. All lettering shall be shaded or outlined (colors/style ~ to be determined). Note: Graphics package does not include production of custom shields and/or seals.
4.05	6	Custom computer-generated reflective vinyl shield. Customer shall supply true vector artwork required to produce shield.
5.00		**INDEPENDENCE ONYX INTERIOR:** • Wall Covering: #66 Silver Smooth FRP • Ceiling Fabric: Silver Mist • Floor Covering: #150 Onyx PVC Flooring • Office Chairs: Black • Vinyl Coverings: Charcoal Gray • Cabinets: Texture Charcoal Gray Powder Coated Aluminum with Matching Frames • Ceiling Trim: Texture Charcoal Gray Powder Coated Aluminum • Slide-out Fascia: Texture Charcoal Gray Powder Coated Aluminum • Counters and Tables: #9091-ML Midnight Melange Solid Surface Note: Manufacturer reserves the right to substitute equivalent materials.
6.00		**DRIVER / PASSENGER CAB AREA:**
6.01		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.
6.02	1	Custom fabricated console in cab, for locating siren controller, police radio and/or other controls as specified elsewhere in this document.
6.03	1	Brigade Backeye 360 Select surround surveillance system with high definition four-camera and 10" LCD monitor. (SE-7104HF-300)
7.00		**WALLS, CEILING AND FLOOR:**
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		Insulate ceiling with a minimum of 2-1/2" of fiberglass. • Cover interior roof beams with 1/2" plywood. • Modular panel design allows for manageable future additions and repairs. • Plywood Panels covered in acoustical fabric.
7.04		Floor underlayment to be 5/8" exterior grade tongue and groove structural plywood, 6 ply, face veneer plugged and sanded.
7.05		Lonseal Loncoin II Flecks non-skid commercial grade PVC flooring. The flooring shall be continuous, one piece full length, full width, no seams.
7.06		Vinyl cove molding (mop board) at base of wall, 2-1/2” high. Installed where required.

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Item	Qty	
7.07	2	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.
7.08		All bulkheads shall be covered with Kemlite 0.075" FRP. Trim exposed edges of bulkheads with rounded anodized aluminum trim where applicable.
7.09	2	Cover load space door with powder coated aluminum panel with heavy-duty rubber grab handle. **NOTE:** Interior window covering will be a day/night shade. Powder coat HAT2-C0111 Charcoal Gray Texture.
7.10	1	Hehr mounted 36" wide x 24" high flush mount deep-tint egress window and no screen. **NOTE:** Interior window covering will be a day/night shade.
7.11	8	Flush mount fixed window installed on side wall in slide out. **NOTE:** Street side Front Slide Out. 12”Wx15”H both ends Curb side Front Slide Out. 12”Wx15”H both ends Street side Rear Slide Out. 12”Wx15”H both ends Curb side Rear Slide Out. 12”Wx12”H both ends Powder coat HAT2-C0111 Charcoal Gray Texture.
7.12	8	Blackout curtains for slide-out windows.
7.13	4	Day/Night pleated shade with custom made valance. **NOTE:** Three (3) entry doors and one (1) egress window. Color: Shade, Opal/Ash Gray. Valance, Charcoal Gray.
7.14	12	Add 5% heat resistant tinting to windows in load space.
8.00		**GALLEY / LAVATORY:**
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
8.02	1	Keurig Coffee maker. **NOTE:** K55. Strapped to wall for transport.
8.03	1	Dometic AC/DC Compressor Refrigerator 3.8 cu. ft. with removable freezer • Dimensions 21.97"D x 29.33"H x 20.47"W • Weight 60.86lbs **NOTE:** Stainless CR-1110E/F-S. Removable freezer shipped loose.

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Item	Qty	
8.04	1	Pressurized Lavatory Water System. Includes: • Thetford Foot Pedal Flush model 31837 (or current model) low-profile toilet. • 10" round stainless-steel lavatory sink with chrome plated sink hardware. • Corner vanity with locking hardware. • One (1) chrome plated paper towel holder. • One (1) chrome plated toilet paper holder. • Aqua Jet model #5503-AV15-B636 (or current model) 5.3 GPM water pump with accumulator tank. • One (1) 25-gallon fresh water tank • One (1) 30-gallon waste tank. • Fresh water/waste tank level monitor through Multiplex System. • One (1) Water tank fill inlet • One (1) Pressurized city water inlet • One (1) Pressurized city water inlet • One (1) Permanently mounted holding tank rinsing system. • Plumbing pressure pipes shall be PEX tubing. • Underbody fresh water and grey water tanks are to be heated and all plumbing insulated and wrapped with heat tape. • Sewage hose and dump valve shall be provided for holding tank. • Winterizing valve mounted in line on the input side of the water pump. Valve allows antifreeze to be pumped throughout the system to winterize plumbing.
9.00		**SEATING:**
9.01	15	Space Air Grid office chair 5560 black with armrests, five caster spider base, and adjustable height. **NOTE:** Ship arms loose in truck.
9.02	11	Securement strap with buckle installed under counter to secure office chair.
9.03		Fabricate and install flip-down bench seating as shown on drawing. Bench seat cushions shall be covered in heavy-duty vinyl. Bottom seat cushion will be installed on Zico Quic-Seat® fold down spring loaded seat brackets. **NOTE:** Includes backrests. Powder Coat HAT2-C0111 Charcoal Gray
9.04		**BENCH SEAT REQUIREMENTS:** • 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.

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Item	Qty	
10.00		**CABINETS:**
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 matching 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.
10.03	2	Dry erase writing surface on overhead cabinet door.
10.04	3	LED light with on/off switch, mounted under overhead cabinet. **NOTE:** One (1) at workstations 3 & 5, one (1) at galley.
10.05	1	Slide-out printer tray.
10.06	5	Magnetic dry erase board framed in aluminum. Includes aluminum clip frame for easy board replacement, sized as required.
10.07	1	Frame opening behind dry erase board for side access to electronics rack.
10.08		Wilsonart Gibraltar 1/2" solid surface countertop over subsurface. Solid surface countertop shall have a 1-1/2" front lip with radius edge.
10.09		Wilsonart Gibraltar 1/2" solid surface conference tabletop over subsurface. Solid surface tabletop shall have a 1-1/2" front lip with radius edge.
10.10		Fabricate and install custom flip-down conference table leaf. **NOTE:** Attached to rear conference table
10.11	2	Powder coated 0.125" aluminum conference table base. **NOTE:** Powder Coat HAT2-C0111 Charcoal Gray
10.12	1	Triple pedestal solid surface covered table. **NOTE:** To extend the rear conference table
10.13	3	Pencil drawer under countertop. **NOTE:** Locate (1) at each workstation.
10.14	1	Install a key display board inside overhead cabinet and clearly tag all keys for the vehicle as to their purpose.
10.15	1	120/240Vac Control Center, 12Vdc power panels, master disconnect switch and auto resetting breakers shall be located in cabinet as shown on drawing. **NOTE:** Custom fabricated aluminum console. Powder Coat HAT2-C0111 Charcoal Gray.

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Item	Qty	
11.00		**HVAC SYSTEM:**
11.01	1	Fan-tastic Vent model 1450 3-speed reversible 12" power roof ventilator. **NOTE:** Locate in lavatory.
11.02	5	Ducted low profile rooftop air conditioner controlled through multiplex control system. Includes: • 13,500 nominal Btu/hr air conditioner with condensate pump. • Chill Grille Assembly with 6,000 Btu/hr heat strip • Louvered Ceiling Vents, as required
11.03	2	Broan model 174 wall mount 5,120 Btu/hr electric heater. **NOTE:** Locate (1) on rear wall and (1) on front wall.
12.00		**AC ELECTRICAL SYSTEM:**
12.01	1	Power Tech 25-kW 120/240Vac liquid-cooled diesel generator with air bag mounts installed in a custom fabricated compartment. Generator features: • Tier 4F Emissions • USTC Certified Manufacturer • Warranty: 2 years from date of purchase, or 3000 hours whichever comes first, or 36 months from the date of manufacture. • Four point air bag mounting system • Four-cycle water cooled diesel engine • Radiator cooled, direct mounted • High-coolant temp and low oil pressure shutdown sensors • Spin-on fuel and oil filter • Single side service • Typical Gallon Per Hour fuel consumption: 25% load = 0.51, 50% load = 1.01, 100% load = 2.03 Compartment shall be constructed to the following specifications: • 0.187" aluminum with all welded seams. • 2" deep 0.125" aluminum box pan doors and 0.125" aluminum frames. • Door frames riveted to the body and welded to the compartments. • Stainless steel door hinges attached with stainless steel machine screws. • Flush mounted door handles with slam latches. • 0.100" aluminum treadplate panels on interior door surfaces. • Gas charged lift/support cylinders to hold doors open at 90°. • Industrial grade neoprene gasket door seals. **NOTE:** Generator exhaust shall be routed to the street side of the vehicle. Compartment shall have an LED light that illuminates when the door is opened.
12.02	1	ACData surge suppressor for protection of entire AC power system. Product features: • UL listed: UL1449 3rd Edition • LED visual verification of status

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Item	Qty	
12.03	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. Features include: • 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 • Mast control • Safety interlocks • Battery saver feature • Generator Service Alerts 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. **NOTE:** Main 10" touchscreen mounted on console at curb side entry door.
12.04	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. **NOTE:** Locate in cab console.
12.05	1	3” Touch panel for dedicated local control and monitoring of specific vehicle automation system features. Includes control layout and indicators where applicable. **NOTE:** Locate in exterior workstation.

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Item	Qty	
12.06	2	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. **NOTE:** Locate (1) in front room and (1) in rear room.
12.07		**Night Time (Red) Lighting Mode** turns the ceiling lighting in each room from white to red lights.
12.08		**Reduced Lighting Mode** is white ceiling lighting in each room have the option of All-On or Half-On.
12.09		**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.
12.10	1	Kussmaul Super 30 Auto Eject, 30A-120Vac shore power inlet, mounting plate with indicator light and 25-ft. 30A-120Vac shore power cord.
12.11	1	Marinco 100A-125/250Vac waterproof shore power inlet, 25-ft. 100A-125/250Vac shore power cord and 6-ft. 100A-125/250Vac pigtail.
12.12	21	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) street side front slide in flip down bench base One (1) street side front slide at workstation #1 Three (3) street side rear slide Three (3) curb side rear slide (one each workstation #3-5) One (1) curb side front slide in flip down bench base One (1) curb side front slide at workstation #2 Four (4) at conference table in front room (two each side) Two (2) at conference table in rear room (one each side) Three (3) in storage closet – On with Auto-eject (label “ON WITH AUTO-EJECT) Two (2) in exterior workstation (from GFCI outlet)
12.13	2	20A-125Vac GFCI duplex receptacle. These receptacles are not dedicated to any installed equipment. **NOTE:** Locate (1) in galley and (1) in lavatory.
12.14	5	20A-125Vac exterior GFCI duplex receptacle. **NOTE:** Locations: Four (4) receptacle will be installed on the body (one at each corner) and include a weatherproof cover. One (1) receptacle will be installed in the exterior workstation.

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Item	Qty	
12.15		Wire chase wire management raceway system located as shown on drawing. Product features: • Satin anodized finish. The finish resists rust, corrosion and fading. Material extruded from 6063-T5 aluminum alloy. • Removable dual cover. Makes wiring easy and accessible and provides maximum flexibility for adding or relocating outlets and circuits. The cover retention is 45 lbs. straight pull for one minute. • UL Listed multioutlet assemblies. File E68073 Guide PVGT, Fittings: File E121188 Guide RJPR. Meets Article 380 of NEC and meets Section 12-3032 of CEC. • UL and cUL Listed component raceways. File E73943 Guide RJBT, Fittings: File E74343 Guide RJPR. Meets Article 386 of NEC and meets Section 12-600 of CEC. • UL5 and ADA compliant. Raceway and fittings meet UL5 specifications and can be installed in conformance with ADA requirements
12.16	1	APC Smart-UPS 3,000VA rack mount UPS, SRT3000RMXLA (or current model). Product features: • 3,000VA/2,700W output capacity • 120V output voltage • (8) NEMA 5-20R and (1) NEMA L5-30R output receptacles • Typical Backup Time at Half Load 19.2 minutes (1125 Watts) • Typical Backup Time at Full Load 5.7 minutes (2250 Watts) • Dimensions: 3.35”H x 17”W x 25”D **NOTE:** Power output for rack mounted equipment.
12.17	2	Whelen telescoping tripod LED light pole. Includes: • Pioneer PFP2AC (or current model) light fixture. LED, 120 VAC, 1.25 amps, Dual panel • Aluminum tripod with brite dip anodized finish. • Light fixture shall have a locking swivel joint with a 3/4" diameter NPT threaded base to allow the light to be manually tilted up/down and locked in position by the operator. • Integrated power switch. • NEMA 5-15 Plug on end of cord to plug light into any exterior outlet **NOTE:** Lights stowed in exterior compartment.
12.18	2	10/3 Extra Heavy-Duty 20-Amp 50ft Extension Cord with standard plug. **NOTE:** Shipped loose.
12.19		**AC WIRING REQUIREMENTS:** • 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.

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Item	Qty	
13.00		**DC ELECTRICAL SYSTEM:**
13.01	1	• Six (6) Lead acid deep-cycle 6Vdc batteries. Batteries shall be installed underbody in slide out weather resistant compartment. Four (4) batteries will be separated for auxiliary equipment and two (2) batteries will be for communications equipment. • Three (3) 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. • High voltage protection. • All DC electrical and metering switched and monitored through the multiplex system.
13.02	1	Add Auto-fill system to 6 Trojan T125 deep-cycle 6Vdc batteries. • Includes 6 battery watering kit with watering system hand pump
13.03	20	Light, Orion 6" LED, neutral white with polished bezel and voltage regulation.
13.04	15	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. **NOTE:** Locate (3) curb side, (2) rear, and (3) street side.
13.06	8	Whelen PEL2C LED light with chrome housing. **NOTE:** Locate (3) curb side, (2) rear below bumper, and (3) street side.
13.07		**12VDC WIRING REQUIREMENTS:** • 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

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Item	Qty	
		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		**EMERGENCY LIGHTING / SIRENS:**
14.01	1	Whelen 295SLSA6 siren with 9 low current lighting control switches. California Title 13 compliant. **NOTE:** Slide Bar Positions Control: 1. Rear (Upper and Lower) 2. Rear (Upper and Lower), All Upper, Front Wall 3. All Emergency lights will be set at the default flash patterns from Whelen.
14.02	1	Whelen SA315P high performance speaker.
14.03	2	Whelen TLIR ION-T- Series™ Linear Super-LED® Red with clear outer lens & TIONFC chrome flange. **NOTE:** One (1) grille street side low One (1) grille curb side high
14.04	2	Whelen TLIB ION-T- Series™ Linear Super-LED® Blue with clear outer lens & TIONFC chrome flange. **NOTE:** One (1) grille street side high One (1) grille curb side low
14.05	4	Whelen M6 series, M6RC (or current model), Linear Super-LED lighthead with internal flasher, RED LED's with CLEAR outer lens. Includes M6FC chrome flange. **NOTE:** One (1) curb side low mid-ship One (1) rear high street side One (1) rear low curb side in taillight housing One (1) street side low near rear
14.06	4	Whelen M6 series, M6BC (or current model), Linear Super-LED lighthead with internal flasher, BLUE LED's with CLEAR outer lens. Includes M6FC chrome flange. **NOTE:** One (1) curb side low near rear One (1) rear high curb side One (1) rear low street side in taillight housing One (1) street side low mid-ship

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Item	Qty	
14.07	1	Whelen M7 series Linear Super-LED lighthead with internal flasher, RED LED's with clear outer lens. model M7RC Includes chrome flange M7FC. **NOTE:** One (1) street side fender
14.08	1	Whelen M7 series Linear Super-LED lighthead with internal flasher, BLUE LED's with clear outer lens. model M7BC Includes chrome flange M7FC. **NOTE:** One (1) curb side fender
14.09	4	Whelen M9 series, M9RC, Linear Super-LED lighthead with internal flasher, RED LED's with CLEAR outer lens. Includes chrome flange. **NOTE:** One (1) front street side One (1) curb side high near front One (1) curb side high near rear One (1) street side high mid-ship
14.10	4	Whelen M9 series, M9BC, Linear Super-LED lighthead with internal flasher, BLUE LED's with CLEAR outer lens. Includes chrome flange. **NOTE:** One (1) front curb side One (1) curb side high mid-ship One (1) street side high near front One (1) street side high near rear
15.00		**AUDIO / VIDEO:**
15.01	2	LG 24" Black 720P LED HDTV - 24LM530S-PU Features: • 720P resolution • (2) HDMI inputs • (2) Speakers **NOTE:** Locate (1) at workstation 2 and (1) at workstation 3.
15.02	4	Samsung - 43" QLED TV QN43Q60CAFXZA with wall mount bracket. Product features: • Resolution 4K • (3) HDMI, (2) USB • (2) Speakers • DTV Tuner/ATSC / Clear QAM • Dimensions: 38"(W) x 22"(H) x 1"(D) Weight 18.5lbs **NOTE:** Locate (4) on front wall.

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Item	Qty	
15.03	1	Samsung 55" The Terrace Partial Sun Outdoor Black QLED 4K Smart TV QN55LST7TAFXZA • Resolution 4K • (3) HDMI, (1) USB • (2) Speakers • DTV Tuner/ATSC / Clear QAM • Dimensions: 49.1"(W) x 28.7"(H) x 2.4"(D) Weight 64.6lbs **NOTE:** Locate in exterior workstation.
15.04	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: • Internal flip down work surface • LED strip light (illuminates when door is opened) • Gas charged lift support and locking latch **NOTE:** Location: Forward curb side slide out. Compartment will contain the following items: One (1) Intelitouch Touchpad One (1) GFCI outlet Two (2) 120V USB outlet One (1) Extron MKP 2000 X-Y Remote Control Panel One (1) HDMI to matrix Four (4) CAT6 jacks One (1) phone All items are outlined elsewhere within these specifications
15.05	1	AXIS IP five (5) camera perimeter surveillance system including: • (1) F9114 Main camera unit (1080p @ 30fps) • (4) F2105-RE 108° Sensor units w/ extension cables o 1 - rear view o 1 - front view o 1 - left side view o 1 - right side view • (1) F9111 Main camera unit (1080p @ 30fps) • (1) F2105-RE 108° Sensor unit w/ extension cables o 1 - entry door view • (1) AXIS D1110 Video Decoder to send camera views to matrix switcher.
15.06	2	SD Memory Card for IP camera. The SD card shall record IP camera allowing it to be downloaded and viewable via an IP address. **NOTE:** 64 GB SD Card
15.07	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.
15.08	1	HE Series 12 position Passive Combiner.
15.09	1	Extron DXP 1616HD 4K PLUS 16X16 HDMI Matrix Switcher. 60-1497-01

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Item	Qty	
15.10	3	Extron MKP 2000 X-Y Remote Control Panel for Extron Matrix Switchers. **NOTE:** Locations: • One (1) Located on front wall • One (1) in street side rear slide out • One (1) in exterior workstation An input/output label will be provided.
15.11		Extron DSC 301 HD Three Input Compact HDCP-Compliant Video Scaler • 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 **NOTE:** Scaler for HNT video input into the Matrix system.
15.12	1	Exterior audio/video input (RCA audio jack, BNC video jack). **NOTE:** AV input will be inside input/pass through box on street side rear slide out.
15.13		Extron Transmitter wall plate for HDMI - 60-1421-13 DTP T HWP 4K 231 D • Transmits HDMI plus control and analog audio up to 230 feet (70 meters) over a shielded CATx cable • Supports computer and video resolutions up to 4K **NOTE:** Inputs to matrix One (1) in base of front conference table One (1) in raceway at rear conference table One (1) at exterior workstation One (1) at curb side rear slide out in raceway One (1) at workstation #1 in raceway One (1) at workstation #2 in raceway
15.14	1	Axon Cameras. Includes: • (2) Axon Camera Assembly, Online, Axon Body 2, Black • (1) Axon Dock, Single Bay + Core, Axon Body 2 • (1) Axon Dock, Single Bay, Axon Body 2 • (2) Magnet Mount, Flexible, Axon Rapidlock • (2) Belt Clip, Rapidlock • (2) Velcro Mount, Rapid Lock • (2) Sync Cable, USB A to 2.5mm

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15.15	2	Custom mount with body camera magnet mount for body camera to mount on in interview room. **NOTE:** Cameras are not connected to the matrix system. One (1) in the street side slide out facing the rear. One (1) in the curb side slide out facing the street side slide out to capture as much room as possible. CAT6 lines will be ran to raceway near these locations for future camera needs. Cable will need to be pulled to final destination if used. Mount is powder coated black.
15.16	1	Axon tethered drone system. The system includes an Axon Fotokite Sigma Rooftop mounted box and the drone. The drone is controlled by a ruggedized tablet. Also includes a wall mountable docking station to output the video feed.
16.00		**RADIOS:**
16.01		Primary 12Vdc power leads for communications radios shall be minimum 2-gauge copper stranded wire with soldered crimp-on end connectors (gauge based on radio requirements). Cables shall be enclosed in convoluted tubing and function identified with colored shrink-wrap. Power to radios shall be controlled by a continuous-duty switch actuated by the auxiliary battery disconnect switch.
16.02	3	Prewire and make installation provisions for communications radio. Installation includes: • 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. **NOTE:** Motorola APX 8500 radio. Locations: One (1) cab console, dash mount, two antennas (radio and GPS). One (1) rear curb side slide out, remote mount, no GPS. One (1) forward street side slide out workstation, remote mount, no GPS.
16.03		Install hinged panels under countertops to conceal radio transceivers where applicable.
16.04	1	Fabricate and install 3" x 3" square aluminum tubing antenna raceway on the roof of the body and will penetrate the roof on each side of the truck at radio box locations. Includes: • 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.
16.05	4	Magnetic microphone holder. Magnetic Mic MMSU-1. **NOTE:** Locate (1) for each radio and (1) for siren controller.
16.06	1	Install customer supplied radio rack charger. Includes 110V outlet. **NOTE:** Customer to supply charger and wall mount bracket.

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Item	Qty	
16.07	3	David Clark headsets with belt-station push-to-talk switch and single muff headset. Includes: • H3492 Single Muff Headset • 3019B Belt Station Adapter • 18352G-16 Connector Kit for bulkhead mounting • 09271P-34HA000 8 Conductor Shielded Cable (per foot) • 132238P-01 Protective cap **NOTE:** Install belt station adapter next to each workstation and in cab.
17.00		**COMPUTER NETWORK AND EQUIPMENT:**
17.01	41	RJ-45 Cat6 computer network jack with Cat6 cable routed through Carlon Flex-Plus ENT conduit or raceway (as applicable). **NOTE:** Locations to be verified at pre-construction meeting.
17.02	1	Leviton 69270-U24 24-port Cat6 rack mount patch panel.
17.03	1	Leviton 69270-U48 (or current model) 48-port Cat6 rack mount patch panel.
17.04		Certified 18" Cat6 patch cord. As Required.
17.05		Certified 36" Cat6 patch cord. As Required.
17.06	1	Cable Certification Report confirming that network wiring complies with Cat6 specifications.
17.07	1	Cisco IT equipment package: • One (1) Cisco 4451-X Integrated Services Router Voice and Video Bundle - Router - GigE - rack-mountable • One (1) Cisco 4-port Network Interface Module – FXO (Universal) • One (1) SMARTnet Service SOLN SUP 8X5XNBD ISR 4451 AXV PVDM4-64 - 8x5xNBD - Duration: 60 Months • Seven (7) Cisco Communication Manager Express CME 1U License • Seven (7) SMARTnet Service CON-ECMUS-CMEULCTG - 8x5xNBD - Duration: 60 Months • One (1) Cisco Catalyst 9300 48 Port UPOE Network Essentials • One (1) C9300 DNA Essentials 48PT 5yr term license • One (1) SMARTnet Service CON-SSSNT-C93004UE- 8x5xNBD - Duration: 60 Months • Two (2) Cisco Aironet 3802I IEEE 802.11ac 5.20 Gbit/s Wireless Access Point (interior/exterior) • Two (2) Cisco Digital Network Architecture Advantage – Term License - 1 Access Point - 5 Year • Two (2) Cisco DNA spaces extend option for Cisco • Four (4) Cisco 8851 IP Phone - Cable - Wall Mountable, VoIP - Caller ID - Speakerphone - 2 x Network (RJ-45) - USB - PoE Ports • Four (4) Wall Mount Kit for Cisco IP Phone 8800 Series • One (1) Cisco CP3905 IP Telephone • Two (2) Cisco 8832 IP Conference Station - Tabletop - Charcoal; VoIP - Caller ID - Speakerphone Network (RJ-45) - USB - PoE Ports **NOTE:** Final equipment list to be confirmed by customer.

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Item	Qty	
17.08	1	HP Color LaserJet Pro Multi-Function Printer (MFP) 4301fdw Product features: • Black/white or color print, copy, and scan • Dimensions (W X D X H) 16.6 x 17.1 x 15.1 in; 45 Lbs.
17.09	1	Logitech PTZ PRO 2 HD 1080p video camera with enhanced pan/tilt and zoom. **NOTE:** Camera for Skype mounted above TV on front wall in front room. Accessed via USB in the conference table.
17.10	1	USB input to camera. **NOTE:** Connects Skype camera to USB port for connection to a laptop or computer. Port located in front conference table base to camera on front wall.
17.11	1	Make installation provisions for customer provided Starlink hardware. Includes: • Roof mounted weather proof box with removable cover for storage of Starlink cabling that connects to Starlink antenna. • Run Starlink proprietary cable from roof mounted box to electronics rack (cable length TBD) • Installation of Starlink hardware in electronics rack (router and AC cable). Note: If Starlink hardware is not provided to LDV for install, LDV will make provisions for cabling to be routed from roof mounted box to interior electronics rack for install by customer at future date.
17.12	1	Cradlepoint E3000 cellular router with WiFi (5G Modem) and 1-year NetCloud Enterprise Branch Essentials Plus Advanced Plan.
17.13	1	Cradlepoint MC400 5GV Wireless Cellular Modem (BF-MC400-5GB) for E300/E3000 Enterprise Branch Routers.
17.14	1	Cellular modem antenna with GNSS. Airgain CENTURION Next 9 IN 1 High Performance External IP67 Antenna for LTE and 5G. 4x Cellular (600 MHz-6 GHz), 4x WIFI and GNSS, Threaded-Bolt Mount, 15 FT Cabling With SMA Connectors for Cell/GNSS, and RP-SMA for WIFI, Black.
17.15	1	Cellular modem antenna. Airgain CENTURION Next High Performance External IP67 Antenna for LTE and 5G. 4x Cellular (600 MHz-6 GHz), Threaded-Bolt Mount, 15 FT Cabling With SMA Connectors for Cell, Black.
17.16	1	Manual flip up pole for antenna mount. Including: • Pole will be 2.5” OD, 5ft long, and lay flat on the roof during transit. • Includes an 8x8 box on roof for cables. Box will have two (2) CAT6 cables with bulkhead connections for customer installed antenna and jumper cables. • Pole will have a sensor on the ignition interlock preventing the vehicle from being driven with the pole up.

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Item	Qty	
18.00		**MISCELLANEOUS ELECTRONICS:**
18.01	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. • 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. **NOTE:** Display to be wall mounted at workstation #1. Pole to be mounted on front of body. Pole will be on ignition interlock when raised.
18.02	2	Franklin Instruments #FD254-I00-0P4 clock with 2.5" LED display and 12 hour or 24 hour modes.
18.03	1	Middle Atlantic Products, Inc. MRK-4026 forty-space 19" wide x 26.5” depth (24” useable depth) open framed electronics equipment rack with caster base. Rack can easily slide out from its fixed position to allow side access to rack equipment.
18.04	1	Middle Atlantic VFD-40 Vented front door with Thumb Latch (No Key Lock).
18.05	1	Middle Atlantic MW-4QFT-FC top fan panel, with four (4) 50 cfm ventilation fans, QFAN.
18.06	3	Middle Atlantic PD-815SC-NS 15 amp power strip with eight (8) outlets. Includes PB-XS rack mounting bracket.
18.07	1	Cast Products EB00013-1 cast aluminum weatherproof box with key lock. **NOTE:** One (1) behind rack, pass through and input.
18.08	1	Shroud with weatherproof pass-through hatch installed in the door of the input box.

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Item	Qty	
18.09	2	Cast Products AD0038 cast aluminum weatherproof box, with 1/4” cord gasket and key lock. **NOTE:** One (1) street side rear slide, pass through and input. One (1) street side front slide, pass through only.
19.00		**EXTERIOR STORAGE COMPARTMENTS:**
19.01	1	Single door underbody storage compartment with approximate interior dimensions 21" high x up to 32" wide x 25" deep constructed from 0.125" aluminum with all welded seams. **NOTE:** One (1) street side rear for storage
19.02	1	Single door underbody storage compartment with approximate interior dimensions 21" high x up to 32" wide x 25" deep at top, bottom to extend under frame. Constructed from 0.125" aluminum with all welded seams. **NOTE:** One (1) curb side rear for tripod lights and cords. Cords will be on shelf in upper half of compartment.
19.03	1	Single door underbody storage compartment with approximate interior dimensions of 21" high x up to 54" wide x 25" deep constructed from 0.125" aluminum with all welded seams. **NOTE:** One (1) curb side forward for converters and slide out pump
19.04		Compartments listed above will be constructed to the following specifications: • 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. Compartment doors will be constructed to the following specifications: • 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.
19.05	1	Slide out aluminum box pan shelf installed in exterior compartment. **NOTE:** Locate in rear curb side compartment.
20.00		**MISCELLANEOUS OTHER:**
20.01	2	Girard Nova motorized retractable lateral arm awning. Features: • 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 • 2-year Limited Warranty
20.02	2	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.

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20.03	1	15" wide roof access ladder mounted on rear. Ladder features: • All welded construction for maximum strength • 1" diameter X 0.083" brush finished tubular aluminum rails • Aluminum grip-strut rungs
20.04	1	Heavy-duty Quadra Mfg. Bigfoot© four point fully automatic one-touch leveling system. Includes: • Four (4) QEII-26 jacks with 17,000-lb. capacity each, 26" long with 20" stroke • Air ride dump valve • Controlled through vehicle automation system • Safety interlock when jacks are deployed
20.05	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.
20.06	2	5 pound dry chemical fire extinguisher. **NOTE:** One (1) mounted at side entry door One (1) for cab
20.07	3	Battery powered combination Carbon Monoxide and Smoke alarm.
20.08	1	Complete manual set, including the following (as applicable): • 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.
20.09	1	TRAINING. An LDV representative will provide up to eight (8) hours of orientation on LDV provided systems, as applicable: • Generator start up and shut down procedure • Leveling system operation • AC and DC electrical systems operation • HVAC systems operation • Audio/Video system operation, does not include programming DVR's, TV's, etc. • Awning operation
20.10		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.

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20.11		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: • Radio and telephone system programming. • Activation and service fees for cellular telephones, satellite telephones, satellite TV, satellite internet access. • Loading and configuring computer software. 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. 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.