

**LINKING AGREEMENT
BETWEEN
THE CITY OF GLENDALE, ARIZONA
AND
LDV, Inc.**

THIS LINKING AGREEMENT (this "Agreement") is entered into as of this ____ day of _____, 2015, between the City of Glendale, an Arizona municipal corporation (the "City"), and LDV, Inc., a Wisconsin corporation ("Contractor"), collectively, the "Parties."

RECITALS

- A. The State of Arizona Counter-Drug Procurement Program (AZCDPP) entered into a contract with Contractor to purchase the goods and services described in the State and Local Law Enforcement Equipment Procurement Program (The 1122 Program). The 1122 Program permits its cooperative use by other governmental agencies including the City. The 1122 Program is hereinafter referred to as the Cooperative Purchasing Agreement. The City entered into Intergovernmental Purchase Agreement C-6879, which is attached hereto as **Exhibit A**, with AZCDPP on March 10, 2009, to facilitate procurement under the 1122 Program.
- B. Section 2-149 of the City's Procurement Code permits the Materials Manager to procure goods and services by participating with other governmental units in cooperative purchasing agreements when the best interests of the City would be served.
- C. Section 2-149 also provides that Materials Manager may enter into such cooperative agreements without meeting the formal or informal solicitation and bid requirements of Glendale City Code Sections 2-145 and 2-146.
- D. The City desires to contract with Contractor for supplies or services identical, or nearly identical, to the supplies or services Contractor is providing other units of government under the Cooperative Purchasing Agreement. Contractor consents to the City's utilization of the Cooperative Purchasing Agreement as the basis of this Agreement, and Contractor desires to enter into this Agreement to provide the supplies and services set forth in this Agreement.

AGREEMENT

NOW, THEREFORE, in consideration of the foregoing recitals, which are incorporated by reference, and the covenants and promises contained in this Linking Agreement, the parties agree as follows:

- 1. **Term of Agreement.** The City is purchasing the vehicle and/or services from Contractor pursuant to Cooperative Purchasing Agreement. According to the State of Arizona 1122 Public Safety Procurement Program letter dated October 20, 2015, which is attached hereto as **Exhibit B**, the City is an active certified participant in the 1122 Program and the vehicle and/or services are an authorized purchase. The term of Intergovernmental Purchase Agreement C-6879 commenced on April 1, 2009 and is deemed renewed for successive two-

year terms unless otherwise terminated. Purchases can be made by the City from the Contractor until the contract expires.

2. Scope of Work; Terms, Conditions, and Specifications.

- A. Contractor shall provide City the vehicle and/or services identified in the LDV, Inc. Preliminary Specifications For: Glendale P.D. (AZ) CBRNE Command Vehicle, LDV Project # C28HNT-10, attached hereto as **Exhibit C**.
- B. Contractor agrees to comply with all the terms, conditions and specifications of the Cooperative Purchasing Agreement. Such terms, conditions and specifications are specifically incorporate into and are an enforceable part of this Agreement.

3. Compensation.

- A. City shall pay Contractor compensation at the same rate and on the same schedule as the Cooperative Purchasing Agreement, unless the City and Contractor agree otherwise, as provided in **Exhibit C** hereto.
- B. The total purchase price for the supplies and/or services purchased under this Agreement shall not exceed one hundred eighty five thousand dollars and no cents (\$185,000), which includes the expenditure detail in the Preliminary Specifications provided in **Exhibit C**, plus an allowance for sales tax due thereon and any contingencies.

4. Cancellation. This Agreement may be cancelled pursuant to A.R.S. § 38-511.

5. E-verify. Contractor complies with A.R.S. § 23-214 and agrees to comply with the requirements of A.R.S. § 41-4401.

6. Non- Discrimination. Contractor must not discriminate against any employee or applicant for employment on the basis race, color, religion, sex, national origin, age, marital status, sexual orientation, gender identity or expression, genetic characteristics, familial status, U.S. military veteran status or any disability. Contractor will require any Sub-contractor to be bound to the same requirements as stated within this section. Contractor, and on behalf of any subcontractors, warrants compliance with this section.

[SIGNATURES APPEAR ON THE FOLLOWING PAGE.]

IN WITNESS WHEREOF, the parties hereto have executed this Agreement as of the date and year set forth above.

“City”

City of Glendale, an Arizona
municipal corporation

By: _____
Richard A. Bowers
Acting City Manager

“Contractor”

LDV, Inc.
a Wisconsin corporation

By: Nancy Strelow

Name: Nancy Strelow

Title: Vice President

ATTEST:

Pamela Hanna (SEAL)
City Clerk

APPROVED AS TO FORM:

Michael D. Bailey
City Attorney

**CITY CLERK
ORIGINAL**C-6879
03/10/2009**INTERGOVERNMENTAL PURCHASE AGREEMENT
BETWEEN CITY OF GLENDALE AND STATE OF ARIZONA**

This Agreement is made and entered into this 10th day of March, 2009, between the City of Glendale, a municipal corporation and political subdivision of the State of Arizona, "Glendale", acting through the Glendale Police Department, "GPD", and the State of Arizona Counter-Drug Procurement Program, "AZCDPP", a quasi state division of the State of Arizona. GPD and AZCDPP are referred to herein individually as a "Party" and collectively as the "Parties".

WHEREAS, voluntary purchasing agreements between and among public agencies in the State of Arizona have been shown to improve competition, quality, services, provide lower prices for materials and services, and avoid duplication of efforts; and

WHEREAS, Donald B Engler, Chief of Police of the Payson Police Department has been designated by the Governor of the State of Arizona as the State Coordinator for the United States' *State and Local Law Enforcement Equipment Procurement Program* (The 1122 Program), which program permits local law enforcement agencies to purchase through federal procurement channels law enforcement equipment for use in the performance of counter-drug activities; and

WHEREAS, the 1122 Program will permit local law enforcement agencies to take advantage of the purchasing power of the federal government to receive discounts commensurate with large volume purchases; and

WHEREAS, this Agreement is necessary in order that GPD may order qualifying law enforcement equipments under the 1122 Program through the AZCDPP acting as the SPOC.

NOW, THEREFORE, in consideration of the mutual promises contained in this Agreement, and for the mutual benefits to result therefrom, the Parties agree as follows:

1. The purpose of the Agreement is a cooperative agreement between GPD and AZCDPP for the procurement of qualifying law enforcement equipment under the United States 1122 Program by GPD through the AZCDPP, as the SPOC for the 1122 Program.
2. GPD shall submit all procurement requests under the 1122 Program to the AZCDPP office along with all documentation required by the SPOC validating the counter-drug mission for each procurement request.
3. The AZCDPP office shall provide a letter of authorization to procure equipment, in the name of GPD, for all procurement requests by GPD under the 1122 Program.
4. GPD shall be responsible for the payment of all costs and expenses associated with procurement requests under the 1122 Program submitted to the AZCDPP office by GPD. GPD will make timely payments to the vendors for equipment, materials and services received in accordance with the terms and conditions of the procurement.
5. Receipt, inspection and acceptance of all equipment, materials and services ordered under this Agreement shall be the exclusive obligation of the GPD.
6. The exercise of any rights or remedies by the GPD shall be the exclusive obligation of GPD.
7. In this Agreement, failure of an entity to secure performance under its purchase order does not necessarily require another entity to exercise its own rights or remedies.

8. The procurement of equipment through the 1122 Program shall be subject to, and in accordance with, the terms and conditions entered into by the applicable federal agency with the vendor, except for modifications of those terms and conditions otherwise allowed by law.

9. The selection of equipment to be ordered through the 1122 Program will be at the option of the GPD, except that all such equipment shall only be procured and used for counter-drug related activities. GPD hereby agrees that all equipment obtained through the 1122 Program will be used in accordance with all the terms, guidelines, regulations and statutes applicable to the 1122 Program.

10. AZCDPP shall not be liable in any fashion for any violation by GPD of the terms, guidelines, regulations and statutes applicable to the 1122 Program. The GPD agrees to hold AZCDPP harmless from any liability which may arise from action or inaction of GPD in connection with a procurement under the 1122 Program, including any violations by the GPD of the terms, guidelines, regulations or statutes applicable to the 1122 Program.

11. Either Party may terminate, without notice, this Agreement if the other Party fails to comply with the terms of this Agreement. Otherwise, either Party may terminate this Agreement at any time, with or without cause, upon not less than thirty (30) days notice to the other Party.

12. Pursuant to A.R.S § 11-952(F) a copy of this Agreement shall be filed in the Office of the Secretary Of State of the State of Arizona by Glendale.

13. This Agreement shall take effect upon signing by both Parties.

14. This Agreement may be canceled pursuant to provisions of A.R.S. §38-511 which provisions are incorporated herein by this reference.

15. Both Parties acknowledge that immigration laws require them to register and participate with the E-Verify program (employment verification program administered by the United States Department of Homeland Security and the Social Security Administration or any successor program) as they both employ one or more employees in this state. Both Parties warrant that they have registered with and participate with E-Verify. If either Party later determines that the other non-compliant Party has not complied with E-Verify, it will notify the non-compliant Party by certified mail of the determination and of the right to appeal the determination.

16. Pursuant to ARS § 35-391.06, both of the Parties hereby warrant and represent that they do not have, and its subcontractors do not have, and during the term hereof will not have a scrutinized business operation in either Sudan or Iran.

17. The initial term of this agreement shall commence on 1st day of April, 2009 and shall terminate on June 30, 2011. Thereafter, it shall be deemed renewed for successive two-year terms unless otherwise terminated as provided herein

18. Notices required under this Agreement shall be sent to the following:

For GPD:
6835 N. 57th Dr.
Glendale, AZ 85301

For AZCDPP 1122 Program:
Payson Police Department
303 N Beeline Hwy., Payson AZ 85541

Steven Conrad
Chief of Police

Don Engler, AZ State Coordinator
Arizona Counter-Drug Procurement Program
Chief of Police, Payson Police Department

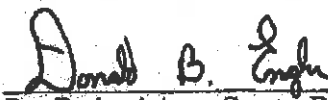
IN WITNESS WHEREOF, the parties hereto have executed this Agreement to be effective the date written above.

"Glendale"

"AZCDPP"

CITY OF GLENDALE, an Arizona
Municipal corporation

By: 
Ed Beasley, City Manager

By: 
Don Engler, Arizona Counter-Drug
Procurement Program Coordinator


Date: May 1st, 2009

Date: 3-10-09

ATTESTED:


Pamela Hanna, City Clerk

ATTESTED:


Matt Van Camp, Arizona Counter-Drug
Procurement Program State Point of Contact

Approved as to form:


Craig Tindall, Glendale City Attorney

EXHIBIT B

State of Arizona



1122 Public Safety
Procurement Program



Chief Donald B. Engler

Governor Douglas Ducey

October 20th 2015

To: LDV Inc.(Glendale Police Department)
180 Industrial Drive
Burlington, WI 53105

From: Detective Matt Van Camp
1122 State Point of Contact

Re: CBRNE Van Purchase

On behalf of the Arizona Public Safety Procurement Program. (1122 Program). The Glendale Police Department is an active certified participant in the 1122 program. Under LDV Project #C28HNT-10 REV 5 GSA Contract GS-30F-0009L, Schedule 23V of the GSA from your company. Your Quote of \$175,151.00 is an authorized purchased for Emergency Response Activity. Savings from retail is \$12,176.00

Sincerely,

Detective Matt Van Camp
Payson Police Department
State of Arizona
Public Safety Procurement Program
1122 State Point of Contact
303 N Beeline Hwy.
Payson, AZ. 85541
928-472-5060 Office
928-474-4558 Fax
mvancamp@paysonaz.gov



LDV, Inc.
180 Industrial Drive
Burlington, WI 53105
800.558.5986
Fax: 262.763.0156
www.ldvusa.com

**PRELIMINARY
SPECIFICATIONS FOR:**

**GLENDAL P.D. (AZ)
CBRNE COMMAND VEHICLE**

**LDV PROJECT # C28HNT-10
GSA MODEL #HNTMCC183173-10 with Adds/Deletes**

April 8, 2014

REV 1 - February 8, 2015 - NJP

REV 2 - February 13, 2015 - RJZ

REV 3 - February 17, 2015 - RJZ

REV 4 - October 9, 2015 - RJZ

REV 5 - October 20, 2015 - NJP



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GSA PRICING PAGE:

Total commercial price as specified FOB Burlington, WI	\$	187,327.00
GSA 1 unit discounted price as specified	\$	173,847.00
Industrial Funding Fee (IFF)	\$	1,304.00
GSA 1 unit discounted price as specified with IFF	\$	175,151.00

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



**Glendale Police Department
CBRNE Command Vehicle
GSA Additions/Deletions Worksheet**

QTY	Part Number	Description	Commercial Price	GSA Price w/IFF (QTY 1 Buy)	Extended GSA Price (QTY 1 Buy)
1	HNTMCC183173-10	LDV GSA Base Model	\$ 200,595.00	\$ 187,558.00	\$ 187,558.00
2	SS903	Bench Seating (Per linear foot)	\$ 356.00	\$ 334.00	\$ 668.00
2	SS1002	Upper Cabinets Deluxe Pkg (per linear foot) Up to 24" High	\$ 442.00	\$ 415.00	\$ 830.00
-2	SS1008	Gusset Support for counter top open areas	\$ 159.00	\$ 150.00	\$ (300.00)
1	SS1012	Aluminum Tall Closet, up to 48" wide	\$ 1,659.00	\$ 1,552.00	\$ 1,552.00
4	SS1015	Laminate Counter Top (Per linear foot)	\$ 105.00	\$ 99.00	\$ 396.00
-1	SS1601	External 26ft Mast	\$ 7,347.00	\$ 6,871.00	\$ (6,871.00)
-1	SS1605	Thomas 1/2-hp compressor with 2 gallon air tank	\$ 786.00	\$ 736.00	\$ (736.00)
-1	SS1606	Exterior Mast Nycoil Canister	\$ 1,173.00	\$ 1,098.00	\$ (1,098.00)
-1	SS2305	Leveling system, 24" w/ air ride dump & Ign override	\$ 7,323.00	\$ 6,848.00	\$ (6,848.00)
0			\$ -	\$ -	\$ -
0			\$ -	\$ -	\$ -
0			\$ -	\$ -	\$ -
0			\$ -	\$ -	\$ -
0			\$ -	\$ -	\$ -
0			\$ -	\$ -	\$ -
0			\$ -	\$ -	\$ -
0			\$ -	\$ -	\$ -

Total (GSA Base Model with Additions)

\$ 175,161.00



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Item	Qty	
1.00		CHASSIS/BODY DIMENSIONS:
1.01		<ul style="list-style-type: none"> • Cab-to-Axle 120" • Wheelbase of chassis: 201" • Overall length of apparatus, including rear step: 362" • Overall apparatus width, rub rail to rub rail: 96" • Overall height of apparatus (loaded): 140" • Interior walkway height raw body: 84" • Interior walkway height finished: 82" • Interior walkway length: 216" • Interior raw body width: 93" • Interior finished body width: 87" <p>* Estimated measurement dependent on body builder, chassis components, axles, tires, frame, suspension, and roof-mounted equipment.</p>
2.00		CHASSIS:
2.01	1	<p>• 2016 Ford F-550 4x2 SD Regular Cab 201" WB DRW XL. 19,500-lb. GVWR with rear leaf spring suspension.</p> <p>ENGINE:</p> <p>• 6.8L 3-Valve SOHC Triton V10. GAS (362 HP @ 4,750 RPM, 457 LB.-FT. @ 3,250 RPM)</p> <p>TRANSMISSION:</p> <p>• TorqShift 5-speed electronic automatic with overdrive.</p> <p>BRAKES:</p> <p>• 4-wheel disc brakes</p> <p>• 19.5" Wheels</p>
2.02	1	DOT triangle reflector kit with three (3) triangles.
3.00		BODY:
3.01	1	<p>• Load space area shall be 83" high x 93" wide x 18' long custom dry van body with the following:</p> <ul style="list-style-type: none"> • FRP front wall • Aluminum .040 walls. • 18ga galvanized 1-3/4" Z-posts on 16" centers. • Solid rear wall • Aluminum roof. • 1-1/8" tongue and groove plywood floor with anti-skid floor paint • LED clearance lighting and LED stop, turn & tail lights. • 32"x80" Sedan door with tinted window and stepwell • 18" treadplate rear bumper with gripstrut insert
3.02	1	Heavy-duty fluted aluminum grab handle with rubber inserts and chrome plated stanchions installed at exterior entry door location.
3.03	1	Heavy-duty fluted aluminum grab handle with rubber inserts and chrome plated stanchions installed inside entry door.
3.04	1	Automatic LED courtesy light at side entry door.
3.05	1	Courtesy light defeat switch.
3.06	1	Federal Signal Back-up alarm model 256 (or current model).
3.07	1	Entire underside of the apparatus shall be undercoated. Includes chassis, floor extrusions, step wells and aluminum compartments.
3.08	1	Rear mud flaps with anti-sail brackets.
4.00		PAINT:
4.01		Body base color shall be white.



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Item	Qty	
5.00		PATRIOT ONYX INTERIOR: <ul style="list-style-type: none"> • Wall Covering: #66 Silver Smooth FRP or Aluminum • Ceiling Fabric: A97 Silver Haze • Office Chairs: Black • Cabinets: #EBT-2-2002 Black Powder Coated Aluminum • Counters and Tables: #4760-60 Mystique Night Note: Manufacturer reserves the right to substitute equivalent materials.
6.00		WALLS, CEILING AND FLOOR:
6.01		Insulate walls with fiberglass. Cover interior body side posts with plywood sub wall.
6.02		Cover sub wall with smooth finish <i>Kemlite</i> 0.075" fiberglass reinforced plastic (FRP) lining.
6.03		Floor underlayment to be 5/8" exterior grade tongue and groove structural plywood, Exposure 1-APA, 6 ply, face veneer plugged and sanded. Meets California Air Resources Board (CARB) phase 2 requirements.
6.04		<i>Lonseal</i> Loncoin II Flecks 150 Onyx non-skid commercial grade PVC flooring. The flooring shall be continuous, one piece full length, full width, no seams.
6.05		2-1/2" vinyl cove molding as required (mop board).
6.06		Install 1.5" wood furring strips on interior body sideposts and 1/2" wood furring strips on interior roof supports. Includes two (2) 10" high channels over each wall beam, upper to be 4" from the top of the wall beam and lower approximately 62" from the top of the wall beam. (Required to provide space for the installation of conduit and electrical boxes.)
6.07		Insulate ceiling with fiberglass. Cover interior roof supports with plywood.
6.08		Cover sub ceiling with <i>Veelok</i> 17-oz. ribbed loop pile fabric.
6.09	1	30" laminate covered pocket door installed on heavy-duty aluminum track with two (2) four-wheel roller trucks. Pocket door shall have recessed handles and a key lock.
6.10		All bulkheads shall be covered with <i>Kemlite</i> 0.075" FRP.
6.11	1	Cover load space door with black powder coated aluminum panel, install 10" high 0.100" bright aluminum tread plate kick plate at bottom of door and heavy-duty rubber grab handle.
7.00		GALLEY AND LAVATORY:
7.01	1	<i>Norcold</i> model NR751BB (or current model) 12 / 24 VDC / 120VAC refrigerator with the following features: <ul style="list-style-type: none"> • 2.7 cu. ft. capacity. • Freezer shelf for ice cube tray. • Two door bins; lower bin holds 2-liter containers. • Integrated door latch.
8.00		SEATING:
8.01	5	<i>Hon</i> ValueTask® swivel chair 5831 black (or current model) with mid back, five caster spider base, adjustable height and no armrests.
8.02		Fabricate and install fixed bench seating with removable cushions as shown on drawing. Bench seat cushions shall be covered in heavy-duty vinyl.
9.00		CABINETS:



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Item	Qty	
9.01		<p>Custom fabricated aluminum cabinets located as shown on drawing. Cabinet specifications:</p> <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 on a full-length aluminum hinge, and are held open with a locking door stay. • Overhead cabinets to have one adjustable shelf per door (24" high and taller cabinets only) - locked in place to your selected height. Shelves are formed from a single sheet of 0.064" mill finish aluminum, with 1 1/8" hemmed edges.
9.02	7	Dry erase writing surface on overhead cabinet door.
9.03	6	LED strip light under overhead cabinet, #16070056 (or current model).
9.04		Countertops shall be covered in 0.040" <i>Wilsonart</i> laminate. All exposed edges shall be covered with heavy duty flexible PVC T-molding.
9.05		Closet shelves shall be infinitely adjustable using mini B-line track and hardware.
9.06	4	Aluminum box pan shelf, located as shown on drawing.
9.07		120/240Vac Control Center, 12Vdc power panels, master disconnect switch and auto resetting breakers shall be located in console located as shown on drawing.
10.00		HVAC SYSTEM:
10.01	1	<i>Fan-tastic Vent</i> model 4000 R (or current model) 3-speed reversible 12" power roof ventilator. SS STYLE MOUNTING.
10.02	2	<p><i>Coleman Polar Mach</i> 9200 series low profile air conditioner. Includes:</p> <ul style="list-style-type: none"> • 9223-C876 13,500 nominal BTU air conditioner with condensate pump. • 9330-B715 Ceiling Assembly with 5,600 BTU heat strip
11.00		120/240VAC ELECTRICAL SYSTEM:
11.01	1	<p><i>Onan Commercial QG</i> 7000 7kW 120 volt AC generator HGJAE (or current model) mounted in custom fabricated all aluminum compartment. Product features:</p> <ul style="list-style-type: none"> • Sound rating at 10 ft (3 m) full load: 70 dB(A) • <i>Cummins Onan</i> 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 doors and 0.125" aluminum frames. • Door frames shall be riveted to the body and welded to the compartments. • Doors shall have stainless steel hinges attached to the doors and door frames with stainless machine screws. • Doors shall have slam latches and flush mounted handles. • Doors shall have 0.125" perforated aluminum panels on interior surfaces. • Doors shall be held open in a 90° position with gas charged lift/support cylinders. • Doors shall be sealed with industrial grade neoprene gasket. • Compartment shall have internal lighting when door is open.



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Item	Qty	
11.02	1	Hardwired Transient Voltage Surge Suppressor (TVSS) protection for entire AC power system, # 17120001 (or current model). Product features: <ul style="list-style-type: none"> • Tested to 25,000 Amps Fault Current per NEC Article 285 • UL US listed: UL1449 2nd Edition • NEMA 4 plastic enclosure: 6.28"(H) x 4.18"(W) x 3.33"(D) • 2 Green LED indicators, one for each line • Red LED indicator for reduced or lost protection
11.03	1	60A-120/240Vac control panel with six (6) AC Breakers with 60A Gen/Shore Selector & meter (15140129)
11.04		120Vac auxiliary control panels as required with UL listed magnetic/hydraulic circuit breakers and amber LED indicators.
11.05	1	Kussmaul Auto Eject 20, 20A-120Vac shore power inlet with 25-ft. 20A-120Vac shore power cord.
11.06	7	Specification grade 20A-125Vac duplex receptacle. Receptacle is not dedicated to any installed equipment.
11.07	2	Specification grade 20A-125Vac exterior GFCI duplex receptacle with weatherproof PVC cover. GFCI receptacles will be wired in pairs to 20A circuit breakers located in the 120Vac electrical load distribution center.
11.08		120/240VAC WIRING REQUIREMENTS: <ul style="list-style-type: none"> • All 120/240Vac main wiring shall be stranded THHN wire and run in non-metallic <i>Carlton</i> Carflex liquid tight conduit. • All electrical circuits and appliances shall conform to applicable national electrical codes.
12.00		12VDC ELECTRICAL SYSTEM:
12.01		<ul style="list-style-type: none"> • Two (2) 6Vdc Absorbed Glass Mat (AGM) batteries. Batteries shall be installed underbody in slide out weather resistant aluminum compartment. Compartment shall have box pan door with slam latch, flush mount handle, key lock and <i>Kwikkee</i> heavy-duty slide assembly. The batteries will be separated from the chassis batteries for auxiliary equipment. • Two (2) electronic converter/chargers, 60 amp minimum output each. Converter/charger features: <ul style="list-style-type: none"> • 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. • One (1) master disconnect switch to control the auxiliary battery systems. • 12Vdc control panel with seven (7) UL listed magnetic/hydraulic circuit breakers with red LED indicators, 12Vdc digital voltmeter, and 12Vdc low voltage alarm. • 12Vdc auxiliary panels with UL listed magnetic/hydraulic circuit breakers as required.
12.02	1	Dual Auxiliary Battery Disconnect System # 71010074 (or current model). Enables auxiliary battery disconnect to be activated from cab or load space area.
12.03	5	Ceiling lights shall be, Orion 6" LED, neutral white with polished bezel.
12.04	5	Light, Orion 6" LED, neutral white / red with polished bezel.
12.05	5	Whelen 810 Series white quartz halogen scene light with 8-32° optics, model number 810CA0ZR (or current model).
12.06	1	Whelen 295HFSA5 siren with 9 low current lighting control switches.
12.07	1	Whelen SA315P (or current model, 19240082) high performance, multi-port 100 watt speaker with bumper mount SAK41 driver's side (19150506).
13.00		12VDC EMERGENCY LIGHTING:



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Item	Qty	
13.01	3	Whelen TIR3 series Super-LED lighthouse with internal flasher, red LED's with clear outer lens, model RSR03ZCR (or current model). Includes chrome flange RFLANGEC (or current model). Located as shown on drawing.
13.02	3	Whelen TIR3 series Super-LED lighthouse with internal flasher, blue LED's with clear outer lens, model RSB03ZCR (or current model). Includes chrome flange RFLANGEC (or current model). Located as shown on drawing.
13.03	2	Whelen 600 series Linear Super-LED lighthouse with internal flasher, red LED's with clear outer lens, model 60R02FCR (or current model). Includes chrome flange 6EFLANGE (or current model). Located as shown on drawing.
13.04	2	Whelen 600 series Linear Super-LED lighthouse with internal flasher, blue LED's with clear outer lens, model 60B02FCR (or current model). Includes chrome flange 6EFLANGE (or current model). Located as shown on drawing.
13.05		<p>12VDC WIRING REQUIREMENTS:</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 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 wiring (plug type fuses are unacceptable). • Circuit breaker functions shall be identified by engraved or printed labels.
		<ul style="list-style-type: none"> • All added wiring for load runs shall be AWG 8, 10, 12, 14 and 18 and must conform to MIL-W-16878F. • 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.
		<ul style="list-style-type: none"> • 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		AUDIO/VIDEO:
14.01	3	Samsung 32" Class (31.5" Diag.) LED-backlit LCD TV - UN32EH5300 with 400mm wall mount bracket. Product features: <ul style="list-style-type: none"> • 1920 x 1080 Native resolution, 1080p resolution • DTV Tuner/Digital Cable Tuner/Analog Tuner • Down Firing + Full Range 10Wx2 speakers • Dimensions: 29.1"(W) x 17.5"(H) x 3.7"(D)
14.02	1	Weatherproof exterior access door to view LCD monitor. Door to be constructed from 0.125" aluminum with all welded seams and hinged at the top. Includes gas charged lift support and locking latch.



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Burlington, WI 53105
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Fax 262.763.0156
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Item	Qty	
14.03	1	Honeywell/Sperian HRGX81 H.264 8-Channel Performance Series DVR (or current model). Product features: • 1TB DVR with 960H Real-Time Recording • H.264 Video Compression • Dual Streaming Supported • Manual/Continuous/Event Recording • HDMI/VGA/BNC Video Outputs • Expandable Storage up to 2 SATA HDD
14.04	1	Middle Atlantic rack mount kit (for DVRs, DVD players, VCR/DVD combination units, and DSS receivers).
14.05	1	JACK® Digital HDTV Antenna + Mount with SureLock™ DTV Signal Meter.(19070301) No crank up, two TV outputs, built in Amplifier and 360deg rotation for improved reception.
14.06	1	RDL EZ-HDA6 Stereo Headphone Distribution Amp - 1X6 Rear-Panel Outputs (or current model). Features: • One Stereo Input to Six Stereo Outputs • Unbalanced Inputs on Rear Panel • Input on MINI, 1/4" (6.3 mm) or RCA Jacks • LOOP OUT Jack for 1/4" (6.3 mm) Input • 1/4" (6.3 mm) Headphone Outputs on Rear Panel • Front-Panel LEVEL Control for Each Output
14.07	5	1/4" (6.3 mm) Headphone Jacks
14.08	1	Install customer supplied HNT speaker. Install switch to be able to turn speaker on and off.
14.09		All RF cable for DSS antenna systems (when specified) shall be Belden #9116 series 6 broadband coaxial cable. All other video cabling shall be Belden #1505A RG-59/U precision video cable.
15.00		MAST AND MAST MOUNTED EQUIPMENT:
15.01	1	Make installation provisions for customer installed 25' mast on rear of vehicle. Includes: • Carlon Carflex ENT conduit routed from mast location to equipment rack cabinet for mast controller and camera wiring (mast controller and camera not included). • Mast internal support structure. • Receptacle for mast compressor on dedicated circuit (compressor not included). • Air line routed from compressor to mast location.
16.00		RADIOS:
16.01		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 master disconnect switch.
16.02	1	Prewire and make installation provisions for dual head 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. • Run one (1) spare control head cable to customer specified location.
16.03	1	Motorola control head cable - 30'
16.04		Install hinged panels under countertops to conceal radio transceivers where applicable.
17.00		COMPUTER NETWORK AND EQUIPMENT:
17.01	1	Middle Atlantic RK4 (or current model) four space rack enclosure.



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Item	Qty	
17.02	1	Sierra Wireless AirLink GX440 (with Wi-Fi Card) commercial 4G router secure broadband connection in motion <ul style="list-style-type: none"> • Routing • Security: Onboard IPsec SSL VPN Client • Embedded intelligence • USB on-the-go • Expansion Slot • Two (2) Antenna (19230277) • NMO-style base on the roof or antenna raceway, as applicable. • LMR195 antenna cable routed to transceiver location in Carlon Carflex ENT conduit.
18.00		MISCELLANEOUS ELECTRONICS:
18.01	1	Direct-Link Bridge Series Video Throw Phone System with Tactical Remote Unit (TRU) Kit, FieldWatch™ TRU XL Kit, Forward Tactical Position (FTP™) Junction & Video Multiplexer Kit, Item number DLB-2TRU-FTP-XL
18.02	1	Direct-Link Type I- CRVIP for Bridge
18.03	2	Hanney model AVC 16-10-11-DE manual cord reel for throw phone cable.
18.04	3	Hanney model AVC 16-14-16-DE manual cord reel for throw phone cable.
18.05	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.
19.00		EXTERIOR STORAGE COMPARTMENTS:
19.01	2	Single door underbody storage compartment with approximate interior dimensions 15" high x up to 48" wide x 25" deep constructed from 0.125" aluminum with all welded seams.
19.02		Compartments will be constructed to the following specifications: <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 a dome light that illuminates when the door is opened. Compartments 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 horizontally hinged doors shall be held open in a 120° position with gas charged lift/support cylinders. • All doors shall be sealed with industrial grade neoprene gasket.
20.00		AWNING:
20.01	1	Dometic Weather Pro Awning 15' Cadet Grey acrylic (other colors available on request) electric awning with the following features: <ul style="list-style-type: none"> • Solid-state sensor automatically closes awning after detecting sustained winds • Exclusive Knee-Action Design prevents damage from sudden wind gusts • Heavy duty motor is fully contained in the roller tube, self-locks awning in travel position • Unique spring-arm mechanism automatically dumps accumulating rain water
21.00		MISCELLANEOUS ITEMS:
21.01	2	5 pound dry chemical fire extinguishers.
21.02	2	First Alert 9-volt combination Carbon Monoxide and Smoke alarms.
22.00		MANUALS:



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Item	Qty	
22.01	1	<p>Complete manual set, including the following:</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.• Warranty and Return Authorization procedures.• 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.
23.00		<p>MISCELLANEOUS:</p> <p><i>Note:</i> Project scope does not include certain tasks or costs that are the responsibility of the customer unless clearly specified as <i>manufacture</i> 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. Manufacture reserves the right to make substitutions of equal quality and specifications of those listed in this document.</p>