

CLARK COUNTY STAFF REPORT

DEPARTMENT: Public Works, Fleet Services Division

DATE: October 6, 2020

REQUESTED ACTION: Authorize the County Manager to execute a contract amendment to the contract between Clark County and Wire Works LLC for the installation of specialized emergency vehicle equipment.

Consent Hearing County Manager

BACKGROUND

On July 2, 2019, Clark County entered into an agreement with Wire Works, LLC to provide installation of specialty emergency vehicle equipment required by Sheriff's Office and other emergency responders. The total contract value was \$800,000 with an expiration date of December 31, 2024.

The full value of the contract was expended in August 2020, along with some expenditures in excess of the original contract amount. Additional funding will be necessary to close the contract for this year. Approval of this amendment will add an additional \$64,000 in value to the contract to close out 2020. Any continuing work related to emergency equipment up-fitting will be put back out for bid.

No additional budget appropriation is necessary for this request. These contract expenditures are budgeted as part of the "make ready" capital costs for vehicle replacement and are already in the 2021 budget proposal.

COUNCIL POLICY IMPLICATIONS

None. This contract amendment falls under existing budget authority.

ADMINISTRATIVE POLICY IMPLICATIONS

None.

COMMUNITY OUTREACH

None.

BUDGET IMPLICATIONS

YES	NO	
X		Action falls within existing budget capacity.
	X	Action falls within existing budget capacity but requires a change of purpose within existing appropriation
	X	Additional budget capacity is necessary and will be requested at the next supplemental. If YES, please complete the budget impact statement. If YES, this action will be referred to the county council with a recommendation from the county manager.

BUDGET DETAILS

Local Fund Dollar Amount	\$64,000
Grant Fund Dollar Amount	N/A
Account	Equipment Services Fund 5091
Company Name	Wire Works, LLC

DISTRIBUTION:

Council staff will post all staff reports to the web. <https://www.clark.wa.gov/council-meetings>

ATTACHMENTS: (1) Supplemental Amendment No. 1 for Agreement SCN00000992; and (2) copy of SR# 87-19 and original contract

Shae Davies

Shae Davies, CAFM
Fleet Services Division Manager

Ahmad Qayoumi

Ahmad Qayoumi, PE
Public Works Director/County Engineer

Eva Haney

Eva Haney, CGFM
Finance Division Manager

Primary Staff Contact: Shae Davies, ext. 1637

APPROVED: *Alex J. O'Brien*
CLARK COUNTY, WASHINGTON
CLARK COUNTY COUNCIL

DATE: *Oct 6, 2020*

SR# *137-20*



**First Amendment to
Contract No. SCN0000992**

Clark County, Washington, after this called "County," a political subdivision of the State of Washington, and Wire Works, LLC, after this called "Contractor," entered into an agreement on July 2, 2019 for installation of specialized emergency vehicle equipment required by the Sheriff's Office and other first responders. Due to extenuating circumstances, the parties now seek to amend the original contract.

WITNESSETH

WHEREAS, the Contractor provided services required under the original contract; and,

WHEREAS, the services provided by the Contractor met and exceeded the maximum billing amount of the original contract; and,

WHEREAS, the County benefitted from the services of the Contractor that were billed above and beyond the "maximum billing amount" of the original contract; and,

WHEREAS, the contract allowed for additional compensation through written agreement of the parties; and,

WHEREAS, the parties believe it is now appropriate to amend the maximum billing amount set in the original contract to allow for payment on the additional services already provided under the terms of the original contract.

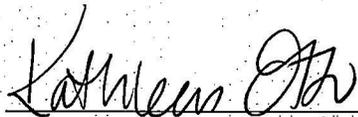
NOW, THEREFORE, the County and the Contractor hereby amend the original contract as follows:

3. Compensation. County shall pay the Contractor for performing said services upon receipt of a written invoice according to the schedule set forth in Exhibit B and Appendices A,

B, C, D and E which are attached hereto and incorporated herein by this reference. The parties mutually agree that in no event may the amount of billing exceed eight hundred sixty-five thousand (\$865,000) without prior written approval of the County Council.

FOR CLARK COUNTY

WIRE WORKS, LLC


Kathleen Otto OCT 10, 2020
County Manager

By _____
Title _____
Date _____

APPROVED AS TO FORM ONLY
ANTHONY F. GOLIK


William Richardson
Deputy Civil Prosecutor

CLARK COUNTY STAFF REPORT

DEPARTMENT: Public Works

DATE: July 2, 2019

REQUESTED ACTION: Approve professional services agreement not-to-exceed the amount of \$800,000 with Wire Works LLC for installation of specialized emergency vehicle equipment required by the Sheriff's Office and other first responders.

Consent Hearing County Manager

BACKGROUND

Clark County Fleet Services routinely installs emergency equipment in a variety of county owned and local agency vehicles, including those belonging to the Sheriff's Office. Fleet Services has historically engaged the services of local vendors through the use of a vehicle up-fitter contract, to install the specialized equipment that first responders rely upon to be able to effectively perform their duties. Being mindful of tax payer dollars, Fleet Services conducted a request for quotation (RFQ) to select a vendor who has the capabilities needed to install this specialized equipment. After a thorough review of candidate proposals, Wire Works LLC was selected to receive the new contract. Fleet Services has contracted with this vendor in the past, and is confident in their ability to install this specialized equipment. Without contract approval, this specialized equipment will not be installed in the vehicles.

COUNCIL POLICY IMPLICATIONS

No policy implications.

ADMINISTRATIVE POLICY IMPLICATIONS

No policy implications.

COMMUNITY OUTREACH

Not applicable.

BUDGET IMPLICATIONS

YES	NO	
X		Action falls within existing budget capacity.
	X	Action falls within existing budget capacity but requires a change of purpose within existing appropriation
	X	Additional budget capacity is necessary and will be requested at the next supplemental. If YES, please complete the budget impact statement. If YES, this action will be referred to the county council with a recommendation from the county manager.

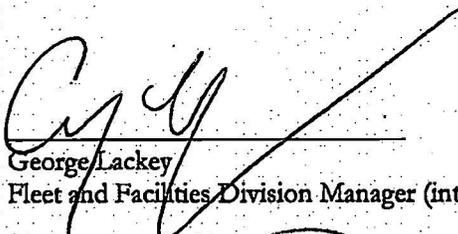
PW19-078

BUDGET DETAILS

Local Fund Dollar Amount	\$800,000
Grant Fund Dollar Amount	N/A
Account	5091
Company Name	Wire Works LLC

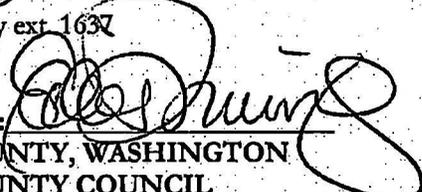
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George Lackey
Fleet and Facilities Division Manager (interim)

George Lackey ext. 1637


Ahmad Qayoumi, PE
Public Works Director/County Engineer

APPROVED: 
CLARK COUNTY, WASHINGTON
CLARK COUNTY COUNCIL

DATE: July 2, 2019

SR# 87-19



APPROVED: _____
Shawn Hennessee, County Manager

DATE: _____

Clark County, Washington

Request for Proposal 757 - Vehicle Upfit Workday Supplier Contract _____

THIS CONTRACT entered this 2nd day of July 2019, by and between CLARK COUNTY, after this called "the County," a political subdivision of the State of Washington, and WIRE WORKS LLC, after this called "the Contractor."

WITNESSETH

WHEREAS, the Contractor has been chosen through the County performed Request for Proposal competitive process and has the expertise to provide services for the County and to perform those services more particularly set out in the proposal attached hereto and incorporated herein by this reference as Exhibit A; and,

WHEREAS, the County does not have available staff to provide the services for the benefit of the citizens of Clark County.

NOW, THEREFORE, the County and the Contractor mutually agree as follows:

1. Services. The Contractor shall perform services as set forth in Exhibit A.
2. Time. The contract shall be effective beginning June 4th, 2019 and ending June 3rd, 2024. The County reserves the right to extend this contract, under the same terms and conditions, four (4) times for two-year (2) year periods, by way of written notice to the Contractor of an intention to do so prior to the contract termination date.
3. Compensation. The County shall pay the Contractor for performing said services upon receipt of a written invoice according to the schedule set forth in Exhibit B and Appendices A,B,C,D and E which are attached hereto and incorporated herein by this reference. The parties mutually agree that in no event may the amount billing exceed eight hundred thousand dollars (\$800,000.00) without prior written approval of the County Council.

4. Termination. The County may terminate this contract immediately upon any breach by the Contractor in the duties set forth in this contract. The waiver by the County of one or more breaches shall not be construed as a waiver of any subsequent breach or breaches. Either party may terminate this Contract without cause upon ninety (90) days prior written notice. Further, the County may terminate this contract upon immediate notice to the Contractor in the event that the funding for the project ceases or is reduced in amount. The Contractor will be reimbursed for services expended up to the date of termination. Within fourteen (14) days of any termination the Contractor will provide all work products and working documents developed within the effective term of this contract.

5. Independent Contractor. The Contractor shall always be an independent contractor and not an employee of the County, and shall not be entitled to compensation or benefits of any kind except as specifically provided herein.

6. Indemnification / Hold Harmless. The Contractor shall defend, indemnify and hold the County, its officers, officials, employees and volunteers harmless from any and all claims, injuries, damages, losses or suits including attorney fees, arising out of or resulting from the negligent acts, errors or omissions of the Contractor in performance of this contract, except for injuries and damages caused by the sole negligence of the County. Should a court of competent jurisdiction determine that this contract is subject to RCW 4.24.115; then, in the event of liability for damages arising out of bodily injury to persons or damages to property caused by or resulting from the concurrent negligence of the Contractor and the County, its officers, officials, employees, and volunteers, the Contractor's liability, including the duty and cost to defend, hereunder shall be only to the extent of the Contractor's negligence. It is further specifically and expressly understood that the indemnification provided herein constitutes the Contractor's waiver of immunity under Industrial Insurance, Title 51 RCW, solely for the purposes of this indemnification. This waiver has been mutually negotiated by

the parties. The provisions of this section shall survive the expiration or termination of this contract.

7. Wage and hour compliance. The Contractor shall comply with all applicable provisions of the Fair Labor Standards Act and any other legislation affecting its employees and the rules and regulations issued thereunder insofar as applicable to its employees and shall always save the County free, clear and harmless from all actions, claims, demands and expenses arising out of said act and the rules and regulations that are or may be promulgated in connection therewith.

8. Social Security and Other Taxes. The Contractor assumes full responsibility for the payment of all payroll taxes, use, sales, income or other form of taxes, fees, licenses, excises, or payments required by any city, federal or state legislation that is now or may during the term of this contract be enacted as to all persons employed by the Contractor in performance of the work pursuant to this contract and shall assume exclusive liability therefore, and meet all requirements thereunder pursuant to any rules and regulations that are now and may be promulgated in connection therewith.

9. Agreement Documents: The Contract Documents consist of this contract, exhibits A and B, and Appendices A, B, C, D and E. If there is a conflict between the provisions of these documents, the provisions of this contract shall control.

10. Equal Employment Opportunity: The Contractor will not discriminate against any employee or applicant for employment because of race, color, religion, gender, gender identity, sexual orientation, age, disability, marital status or national origin.

11. Changes: The County may, from time to time, require changes in the scope of the services to be performed hereunder. Such changes including any increase or decrease in the amount of the Contractor's compensation which are mutually agreed upon by and between the County and the Contractor, shall be in writing, signed by both parties and

incorporated in the written amendments to this contract.

12. Public records act: Notwithstanding the provisions of this contract to the contrary, to the extent any record, including any electronic, audio, paper or other media, is required to be kept or indexed as a public record in accordance with the Washington Public Records Act, RCW Chapter 42.56, as may hereafter be amended, the Contractor agrees to maintain all records constituting public records and to produce or assist the County in producing such records, within the time frames and parameters set forth in state law. The Contractor further agrees that upon receipt of any written public record request, the Contractor shall, within two business days, notify the County by providing a copy of the request to the County Public Records Officer.

13. Governing Law. This contract shall be governed by the laws of the State of Washington. Venue for any litigation shall be governed by RCW 36.01.050(3).

14. Confidentiality. With respect to all information relating to County that is confidential and clearly so designated, the Contractor agrees to keep such information confidential.

15. Conflict of Interest. The Contractor covenants that it has had no interest and shall not acquire any interest, direct or indirect, which would conflict in any manner or degree with the performance of services hereunder. The Contractor further covenants that no person having such interest shall be employed by it, or shall perform services as an independent contractor with it, in the performance of this contract.

16. Consent and Understanding. This contract contains a complete and integrated understanding of the agreement between the parties and supersedes any prior agreements, understandings, contracts, or negotiations, whether oral or written, not set forth herein or in written amendments hereto, duly executed by both parties.

17. Severability. If any provision of this contract is held invalid, the remainder will

continue to operate in the absence of the invalid provision toward the intended purpose of this contract.

IN WITNESS HEREOF, the County and the Contractor have executed this contract on the date first above written.

Attest:


Clerk to the Council

Approved as to Form Only:
Anthony F. Golik
Prosecuting Attorney
By: Bill Richardson
Deputy Civil Prosecutor

By: 
Eileen Quiring, Chair

By: _____
Temple Lentz, District 1

By: _____
Julie Olson, District 2

By: _____
John Blom, District 3

By: _____
Gary Medvigy, District 4

By: Greg Calkins
Greg Calkins, Wire Works



**EXHIBIT B
INSTALLATION EQUIPMENT ON OTHER TYPES OF VEHICLES**

The following types of equipment may or may not include the following:

- Arrow Board
- Beacons
- Four (4) Corner LED Strobes
- Radio (to be supplied by the County)

Cost Schedule

2WD Chevy Tahoe Patrol Package

\$ 21,628.99 total
46 hours of Labor

Chevy Tahoe Sgt. Police Package

\$ 11,207.77 total
40 hours of Labor

Ford SUV Patrol Package

\$ 11,794.77 total
38 hours of Labor

Ford SUV Sgt. Police Package

\$ 11,749.77 total
38 hours of Labor

Silverado 4WD Built in Mirror

\$ 10,556.96 total
42 hours of labor

4WD Tahoe

\$23,483.59 total
46 hours of labor

Patrol Tahoe K9

\$ 25,090.98 total
62 hours of labor

A Pricing Schedule for Misc. Vehicles

1. \$ 70.00 per hour for cost of shop installation labor
2. \$ 70.00 per hour for cost of on-site installation labor
3. 20% shop markup on parts installed

Installation Price

Wire Works has the right to raise installation prices by up to \$1.00 dollar per hour, one time per year, provided they notify you in writing 30 days prior to receiving invoices. (email is acceptable)

EQUIPMENT INSTALLATION & SET-UP SPECIFICATION

With the variety of vehicles and services Clark County provides, the equipment required on a particular vehicle may vary and may include some or all of the items listed below.

All police emergency equipment listed will be mounted and wired to a wiring harness & fuse panel, all to terminate at Controller/Radio within the Contour Console. All hardware is to be installed with a securely mounted service loop for ease of future service. Vendor shall install equipment per the following specifications:

WIRE HARNESS SPECIFICATIONS

All wire is to be color coded, with no repeats in color on same gauge of wire. Any wiring of same color and size must be differentiated by a continuous trace of different color. All wire shall meet industry code requirements for vehicle installation in wet and dry installations.

The wiring harness/fuse panel shall be modular in design. It shall include all power wires & any trigger or activation wires so that no extra wires are outside the harness.

This harness is to include all:

- Under-hood wiring
- Strobe
- Back flash
- Rear light-kill wires
- Gunlock
- MDC pre-wire
- Cell-phone
- Scanner, etc.

Additional labeled power wires not currently used shall be wired into the harness to facilitate future equipment upgrades. Future use power wires shall have fuse terminal locations pre-existing in the modular fuse panel.

All fuse terminal connectors shall be crimped with a Molex connector and wired to run without interruption to the hardware it controls. Butt and crimp connectors must be nylon (not vinyl) and usage kept to a minimum throughout the vehicle. No push on terminals of any type, specifically Scotch-Loc, or T-Tap connectors are to be used within the harness, or the completed vehicle. Every item within the vehicle *must be individually* fused within the modular panel and any fuses over 30 amps in value shall be a maxi-fuse. Each component's wiring must be sized to handle at least 125% of that circuit capacity. All wire runs are to be within factory wiring channels, and secured every 6 inches at a minimum. Extra wiring is to be cut short; still allowing a service loop, but no bundles of wire under the carpet, dash, or trunk will be acceptable.

Power fuse/relay panel itself must be secured to the headlight flasher, solenoid, and power famer contained within the panel. The construction material of the panel must be of a plastic composite that is rated to withstand under hood temperatures for the life of the service period of the vehicle. ABS plastic is not acceptable.

No fuses shall be mounted in any other location within the vehicle. The power timer shall be mounted beneath the panel so as to protect it from moisture. The headlight flasher shall have factory cable length sufficient to mount the flasher. The main supply fuse for the headlight flasher shall be located with the fusing panel and NOT an inline fuse in the flasher itself. This panel and all electrical wiring contained can be replaced as a single unit. A single 4-gauge power wire shall be wired directly to the battery positive terminal from the solenoid. All power wires from the modular fuse panel shall then hookup to the backside of the solenoid, which is controlled by the Power Timer. Seven (7) of the ATO fuses within the panel shall be hot all the time, with the remainder on the timed circuit. A minimum of four (4) Maxi fuses shall be wired into the panel as well. All future use wiring in electrical harness shall be neatly contained within back of console body. Included within the wiring harness shall be two strobe cables wires.

All wiring runs, equipment locations, and fuse layouts are to be identical on every unit, and a diagram must be provided with every vehicle. A lid covering the fuse panel shall indicate the location and function of each fuse within the panel, including future use wiring and values.

All supplemental wiring shall meet the same standard as the modular wire harness, i.e. Quality, Labeling & Specifications.

The harness shall include the specific power wires:

- Power Timer
- Spare (yellow)
- MDC (2 ea.)
- Strobe Power
- Backflash
- Wig Wag
- Spare (red)
- Siren amp
- CB
- Radio #2
- MDC (switched) arrowstick.
- Gunlock
- Cell phone
- Aux power port
- Map light
- Flashlight
- Aux. 1
- Main power,
- Aux 2
- Radio power

Additional labeled wiring, including all under-hood wires shall be included in the wiring harness:

- Grill light,
- Siren speaker (2 ea.)
- Wig wag,
- Wig wag activation,
- Ignition,
- Strobe power,
- Strobe act 1,
- Strobe act 2,
- Deck light,
- Ground (x4).

All supplemental wiring is to be continuous runs with no cable extension other than at the hardware it is wired too.

The master ground is to be an 8-gauge wire connecting from the factory ground terminal behind the passenger "B" pillar kick panel and run in to the console, terminating with a common ground bolt in the console. All grounds not wired to the common ground shall use star type lock washers at the ground end, i.e. Head light flasher. No barrier strip grounding is permitted.

SIREN SPEAKER AND MOUNT

Install siren speaker behind the grill, wire to harness with labeled wire.

PUSH BUMPER

Vendor to supply and install push bumper and pitt bars.

HEADLIGHT FLASHER

Install per above. Mount as listed in electrical specifications. Wire to fuse panel & Siren/PA/Light Controller. Must be park killed on light level number 3.

LED PACKAGE

Labeled power and activation wires to run inside factory rocker panel chase, down passenger side, to terminate at Controller. Two (2) Blue LED strobes to be mounted in the lower section of rear turn signals and two (2) clear LED hide-aways to be mounted in rear backup light housing. All light cables are to be cut to exact length and Molex end crimped to cable ends. (No butt connectors, or cable splicing.) All light wires in trunk lid are to run with existing cable runs and secured every six (6) inches.

REAR DECK LIGHTS

Rear deck light to be attached.

CONSOLE

Install Contour Console per manufactures instructions. All equipment in console must be mounted with service loops, of no less than 12 inches. All faceplates must be model specific.

FLOOR PLATE

Install extruded aluminum no holes bored floor plate per Manufacturer instructions.

MDC (provided by the County)

Installer is required to perform electrical modification to MDC mount.

MDC MOUNT & DOCK

Clark County currently uses the Havis stand but reserves the right to change this piece of equipment on an as needed basis. The City of Gresham will provide the dock but not the mount.

PRINTER (provided by the County)

Installer is required to provide a 10' 9 pin cable for the Zebra RW420 printer.

Scanner: (provided by the County)

Installer is required to install Posh MX5 Canine scanner.

CUP-HOLDER

Mount to floor plate between seats.

SIREN/PA/LIGHT CONTROLLER

Hook up horn ring, park kill (*see below*), back lighting for controller. Wire all activation wires to controller. Wiring will allow for service loop of at least twelve (12) inches. Ground to master ground bolt in console, grounding to stud terminal on back of unit not acceptable. Auxilliary switch to trigger rear mounted dome light. PA mic will mount to right side of console using magnetic mic clip, and mic plate.

PARK KILL

Must use Whelen WPKM1 but the County reserves the right to change this piece of equipment on an as needed basis.

RADIO

Install supplied radio with radio rebroadcast function.

RADIO ANTENNA

Install panorama antenna. Antenna must be tuned per vehicle.

FLASHLIGHTS

Install flashlight and wire charger sleeve to wire harness. Attach sleeve to side of Contour Console, and wire into modular fuse panel. Ground to master ground bolt in console.

ACCESSORY POWER OUTLET

Mount in blank faceplate. Ground to master ground bolt in console.

PARTITION

Partition with full lower extension panel. Set back as far as possible to allow maximum driver & passenger seat travel. Installer must modify lower portion of partition to allow driver seat to go all the way back.

GUN-MOUNT & LOCK

Store AR-15 with barrel pointing down, with a custom capture stud for the barrel. Add eight (8) second delay timer circuit.

PRISONER SEAT

Remove factory supplied rear seat. Install prisoner seat with required seat belt installation kit.

LIGHT BAR

Code 3 light bar, install to roof of vehicle and run cables through plastic grommet and seal hole internally & externally. To mount center on "B" Pillar, with cable running inside driver side "B" Pillar, so that factory trim does not bulge out when replaced. Ground to master ground bolt in console.

SOLENOID

Wire to modular fuse panel/wire harness, controlled by Power Timer. 4 gauge main power to feed directly to battery terminal. By disconnecting this wire all aftermarket equipment will be disconnected from factory electrical system.

AUXILIARY RADIO SPEAKER

Mount to recess panel on partition by driver side, up high.

DISABLE/ENABLE

Disable all factory chimes. Disable rear door openers and windows. Rear door lock plungers to be removed and whole sealed with plastic plug.

WINDOW BARS

Install rear door window bars.

POWER TIMER

If applicable, unit should not to be wired into electrical circuit in manner which carries amp load requirements of emergency equipment through it. Proper install will result in only timer control of solenoid.

AUXILIARY RADIO COAX

To be interfaced with future MDT GPS module.

WARRANTY AND INVENTORY REQUIREMENTS

For the first year of vehicle service, the vendor shall replace defective or failed manufactures equipment, with new hardware from vendors stock, at no expense to the County. This will prevent Clark County from experiencing down time in the event a siren speaker, light bar controller, power supply, etc. fails. This replacement warranty service shall be provided at no charge and within 48 hours of notification. Beyond 48 hours Clark County reserves right to self-support, and invoice vendor for any charges incurred. All Installation work is to be warranted for a minimum of three (3) years.

TRANSPORT AND DELIVERY

Vendor is responsible to pick up units and deliver them back to Clark County when completed.

PRO MET

Vendor to install County supplied Pro Met (ETS) system. Vendor to supply all antenna Coax(s) and Antenna(s).

APPENDIX A

WIRE WORKS, LLC APPENDIX A ITEMIZED EMERGENCY EQUIPMENT SPECIFICATIONS PATROL TAHOE 2WD

ITEM	DESCRIPTION	QTY	MEETS SPECS	COST
1	Ch27, 1.14 911 Circuits power distribution panel. 27 circuits, single stage timer, 14-foot.	1	Y	585.95
2	MB CH27 UNIV... 911 circuits ABS Universal mounting bracket for the CH27	1	Y	19.50
3	CB150 Wire Works 150 amp manual resettable circuit breaker.	1	Y	26.48
4	WWPD-023 Wireworks circuit breaker bracket.	1	Y	12.75
5	SA315P Whelen Siren Speaker. 123db. 2 7/8 mounting depth.	1	Y	164.53
6	SAK1 Whelen universal mount bracket for the SA315P speaker. A4	1	Y	0.00
7	36-53805 Westin "Elite" push bumper for Chevrolet Tahoe.	1	Y	509.76
8	36-53805PB Westin pitt bars for the "Elite" series push bumper for Chevy Tahoe	1	Y	385.78
9	SSFPO516 Whelen solid state headlight flasher for the 2007-2017 Chevy Tahoe Police Package Vehicles, Includes Mating Plug, For Positive Switching headlights.	1	Y	72.41
10	KBLIB-II-DUO-815 Whelen 50" Duo front and rear colors with ITL12 Takedowns, Photocell and strap kit included. Cencom Carbine controller CCSRNT5F. This also includes the CAN Port Module Plug.	1	Y	2429.62
11	I2SME Whelen ION DUO Series Linear LED Blue/White, Individual Control of each Color, Black Housing Surface Mounting. (Passenger Side forward Facing from Bumper)	2	Y	225.98
12	WWLB-027 Wire Works light bracket for the Whelen ION surface mount light head. 1.5" height. (For Bumper Lights)	2	Y	20.04
13	P46S2B Whelen PAR-46 LED spotlight with blue warning lights. (Replace Driver Side Spot)	1	Y	227.20
14	WWLP-006 Wire Works PAR-46 Replacement LED 8° Spotlight Lighthead.	1	Y	136.79
15	IONSV3B Whelen ION series LED light head with combination 180° Warning, Take Down and Puddle Light Combination. Blue. (Mounts to side of push bumper uprights)	2	Y	366.82
16	IONSV3B Whelen ION series LED light head with combination 180° Warning, Take Down and Puddle Light Combination. Blue. (Mounts on top of pit bars)	2	Y	366.82
17	WWLB-038 Wireworks light bracket for Whelen IONSM. Straight bracket with slot in it. (Hold Bumper Wrap Lights)	2	Y	18.60

18	TCRB45 Whelen "Tracer" mounting brackets for Tahoe	1	Y	30.46
19	TCRHD5 Whelen "Tracer" running board lights. 5 Lamp Housing and TCRL** DUO Lighthead. "L" Bracket mounting (6 Required) or Vehicle Specific Mounting Purchased Separately	2	Y	1476.53
20	IONB Whelen ION Series Super-LED Light Blue (Under Hatch Passenger side)	1	Y	79.20
21	IONR Whelen ION Series Super-LED Light Red (Under Hatch Driver side)	1	Y	79.20
22	IONGROM Whelen ION series light head flush mount grommet kit. (For above ION's)	2	Y	9.85
23	OE45UR6 Whelen Outer Edge, rear facing upper exterior mount with 6 LED's. Fits 2015-Current Chevy Tahoe.	1	Y	676.13
24	I2SMJ Whelen ION DUO Series Linear-LED Red/Blue, Individual Control of each Color, Black Housing Surface Mounting. (Vertical of License Plate Lights)	2	Y	225.98
25	98003 Rigid SR-Q Flush Mount Back Up Light Kit	1	Y	231.29
26	OP-CTU-12-47-3... OPS Box Aluminum Chevy Tahoe Drawer Unit Drawer Unit. 12"H x 47"W x 36"D with Single Drawer Configuration c/w. Anti-skid liner on the top. 500lb drawer slides. Key lock cylinder. Mounting brackets included for 2017 Tahoe. 1.5" cargo rail around sides and back made from .100 aluminum.	1	Y	1229.76
27	40101013 OPS 9100 Push Button Simplex lock per drawer.	1	Y	238.79
28	40101010 OPS Rubber matting per drawer.	1	Y	27.97
29	40101014 OPS Divider per weapon drawer.	2	Y	71.35
30	WWCB-047 Wire Works Custom Command Box Front Lips to keep storage from falling off.	1	Y	41.40
31	3SCOCDCR Whelen 3" white LED dome light. (One Attached to Hatch and One Attached Above command Box)	2	Y	101.23
32	6402 Round rocker switch. Non-lighted. (Installed on Passenger Side "D" Column for Hatch Dome Light)	1	Y	8.95
33	ECVDMILTAL00 Sound Off Universal mount dome light. Red/White LED's. Install Mag-Lite charger to the Driver Side of the Gun Lock Mount, supplied by CCPW.	1	Y	48.60
34	CMD5-MD Use the CMD5-M carbon monoxide detector for single sites when generator shutdown is NOT desired. 12 or 24 VDC operation. Features a state-of-the-art sensor that is unaffected by common cleaning solvents. Lowest current draw of any Firebox-Xintex CO Detector.	1	Y	109.75
35	425-6621 Jotto Desk Contour Console for the 2015+ Chevy Tahoe. Includes integrated Pentax/Brother printer mounting space and locking lid storage. Includes console and floor plate.	1	Y	432.00
36	425-6101 Jotto Desk 4" faceplate for the Whelen Cencom controller.	1	Y	0.00
37	425-6295 Jotto Desk 3" face plate for the Motorola XTL5000 remote head radio.	1	Y	0.00

38	425-2968 Jotto Desk 2" faceplate with 3 12V power outlets.	1	Y	30.58
39	425-1530 Jotto Desk utility box 2.75' X 4' X 8.5'	1	Y	31.20
40	425-3704 Jotto Desk ABS Dual Cup Holder Faceplate Mount	1	Y	32.45
41	425-6053 3" Blank face plate.	1	Y	0.00
42	425-6260 Jotto Desk universal arm rest upper structure assembly and pad.	1	Y	39.31
43	IPM-112 Magnetic mic clip WITH insulation	2	Y	65.90
44	425-2827 Jotto Desk 06+ charger console mounting base. Attaches to side of consoles and mounts any Jotto Desk arm.	1	Y	90.09
45	425-3062 Jotto Desk 6.75" straight arm. Small mounting holes.	1	Y	49.14
46	425-5182 Jotto Desk GK mounting plate. Attaches to bottom of various MDT docking stations to allow mounting to Jotto arms.	1	Y	45.05
47	475-2015 Patriot Gun Rack - Single Weapon, Partition Mounted, Vertical (GR9-ZRT-AR-BLM-V)	1	Y	276.25
48	475-0865 Patriot Chevy Tahoe (2015+) Silverado 1500 (2014+) Silverado 2500/3500 (2015+) Space Creator Vehicle Partition Featuring Bidirectional Recessed Housing (HS/HV Window Option)	1	Y	584.97
49	475-0888 Patriot extension panel kit for the 2015 Chevy Tahoe	1	Y	84.50
50	475-0973 Patriot Products Bio Seat system for the 2015+ Chevy Tahoe. Includes mesh rear partition and retractable center pull seat belts.	1	Y	1105.00
51	3SGOCDGR Whelen 3" white LED dome light. (Prisoner Done)	1	Y	50.62
52	Install Carbide controller and Siren Speaker		Y	
53	LARNMOKHFU... Install Motorola Front Mounted Radio and Parts Supplied by CCPW. Larsen high frequency coax RG58/U Dual Shield cable. 25 foot length. No connector.	1	Y	22.50
54	AP-CWG-Q-S222 Install Docking Station, Supplied by CCPW. Antenna Plus Multi Band Permanent Mount Cell/LTE/GPS/WIFI antenna. Black.	1	Y	190.80
55	AngArm-00014 Ballistic Door Panel, 2015 & Newer Chevrolet Tahoe and Tahoe PPV, Driver, NIJ 0108.01 Level IIIA	1	Y	1175.85
56	AngArm-00015 Ballistic Door Panel, 2015 & Newer Chevrolet Tahoe and Tahoe PPV, Passenger, NIJ 0108.01 Level IIIA	1	Y	1175.85
57	Graphics Installati... Graphics Installation Fee	1	Y	195.00
58	Labor Labor required to complete the build of a vehicle	46	Y	70.00
59	Shop Supplies Shop supplies to complete job. Includes ties, connectors, loom, etc.	1	Y	300.0
60	Freight out Freight to customer.	1	Y	500.74

TOTAL COST PER VEHICLE: \$21,628.99

APPENDIX B

WIRE WORKS, LLC APPENDIX B ITEMIZED EMERGENCY EQUIPMENT SPECIFICATIONS PATROL TAHOE 4WD

ITEM	DESCRIPTION	QTY	MEETS SPECS	COST
1	Ch27.1.14 911 Circuits power distribution panel. 27 circuits, single stage timer, 14 foot. SPECIFY MOUNTING BRACKET	1	Y	585.95
2	MB CH27 UNIV... 911 circuits ABS Universal mounting bracket for the CH27	1	Y	19.50
3	CB150 Wire Works 150 amp manual resettable circuit breaker.	1	Y	26.48
4	WWPD-023 Wireworks circuit breaker bracket.	1	Y	12.75
5	SA315P Whelen Siren Speaker. 123db. 2 7/8" mounting depth.	1	Y	164.53
6	SAK1 Whelen universal mount bracket for the SA315P speaker. A4	1	Y	0.00
7	57-93805 Westin HDX Winch Mount Grille Guard the Fits 2015-2017 Chevy Tahoe.	1	Y	953.24
8	28500 Warn XD9000 Series. Low-profile design and separate control box allows for a wide range of mounting options. Exclusive brake design provides superior control while winching Durable 3-stage planetary geartrain for smooth, reliable, operation Series-wound, high-speed motor provides fast line speed and strong pulls chip-resistant, powder-coated finish. Remote control with 12' (3.7m) lead. Durable 5/16" (8mm) diameter galvanized steel wire rope.	1	Y	1199.99
9	Misc Leveling kit with alignment.	1	Y	492.00
10	SSFPOS16 Whelen solid state headlight flasher for the 2007-2017 Chevy Tahoe Police Package Vehicles, Includes Mating Plug, for Positive Switching headlights.	1	Y	72.41
11	KBLIB-II-DUO-815 Whelen 50" Duo front and rear colors with JTL12 Takeowns, Photocell and strap kit included. Cencom Carbine controller CCSRNT5F. This also includes the CAN Port Module Plug.	1	Y	2429.62
12	I2SME Whelen ION DUO Series Linear-LED Blue/White, individual Control of each Color, Black Housing Surface Mounting. (Passenger Side Forward Facing from Bumper)	2	Y	225.98
13	WWLB-027 Wire Works light bracket for the Whelen ION surface mount light head. 1.5" height. (For Bumper Lights)	2	Y	20.04
14	P46S2B Whelen PAR-46 LED spotlight with blue warning lights. (Replace Driver Side Spot)	1	Y	227.20
15	WWLP-006 Wire Works PAR-46 replacement LED 8WWLP-006 Wire Works PAR-46 replacement LED 8° Spotlight Lighthouse	1	Y	136.79

16	IONSV3B Whelen Ion series LED light head with Combination 180° Warning, take Down and Puddle Light combination. Blue. (Mounts to side of push bumper uprights)	2	Y	366.82
17	IONSV3B Whelen Ion series LED light head with Combination 180° Warning, take Down and Puddle Light combination. Blue. (Mounts on top of pit bars)	2	Y	366.82
18	WWLB-038 Wireworks light bracket for Whelen IONSM. Straight bracket with slot in it. (Hold Bumper Wrap Lights)	2	Y	18.60
19	TCRB45 Whelen "Tracer" mounting brackets for Tahoe	1	Y	30.46
20	TCRHD5 Whelen "Tracer" running board lights. 5 Lamp Housing and TCRL** DUO Lighthoods. "L" Bracket Mounting (6 Required) or Vehicle Specific Mounting Purchased Separately	2	Y	1476.53
21	IONB Whelen ION Series Super -LED Light Blue (Under Hatch Passenger side)	1	Y	79.20
22	IONR Whelen ION Series Super -LED Light Red (under hatch Driver side)	1	Y	79.20
23	IONGROM Whelen ION series light head flush mount grommet kit. (for above ION's)	2	Y	9.58
24	OE45UR6 Whelen Outer Edge, rear facing upper exterior mount with 6 LED's. Fits 2015-Current Chevy Tahoe.	1	Y	676.13
25	I2SMJ Whelen Ion DUO Series Linear-LED Red/Blue, Individual Control of each color, Black Housing Surface Mounting. (Vertical of License Plate Lights)	2	Y	225.98
26	98003 Rigid SR-Q Flush Mount Back up Light Kit	1	Y	231.29
27	OP-CTU-12-47-3 OPS Box Aluminum Chevy Tahoe Drawer Unit. 12"Hx47"Wx36"D with Single Drawer configuration c/w. Anti-skid liner on the top. 500lb drawer slides. Key lock cylinder. Mounting brackets included for 2017 Tahoe. 1.5" cargo rail around sides and back made from .100 aluminum.	1	Y	1229.76
28	40101013 OPS 9100 Push Button Simplex lock per drawer.	1	Y	238.79
29	40101010 OPS Rubber matting per drawer.	1	Y	27.97
30	40101014 OPS Divider per weapon drawer.	2	Y	71.35
31	WWCB-047 Wire Works Custom command Box Front Lips to keep storage from falling off.	1	Y	41.40
32	3SC0CDR Whelen 3" white LED dome light. (One Attached to Hatch and One Attached Above Command Box)	2	Y	101.23
33	6402 Round rocker switch. Non-lighted. (Installed on Passenger Side "D" column for Hatch Dome Light)	1	Y	8.95
34	ECVDMLTAL00 Sound Off Universal mount dome light. Red/White LEDs. Install Mag-Lite Charger to the Driver Side of the Gun Lock Mount, supplied by CCPW	1	Y	48.60
35	CMD5-MD Use the CMD5-M carbon monoxide detector for single	1	Y	109.75

	sites when generator shutdown is NOT desired. 12 or 24 VDC operation. Features a state-of-the-art sensor that is unaffected by common cleaning solvents. Lowest current draw of any Firebox-Xintex CO Detector.			
36	425-6621 Jotto Desk contour Console for the 2015+ Chevy Tahoe. Includes integrated Pentax/Brother printer mounting space and locking lid storage. Includes console and floor plate.	1	Y	432.00
37	425-6101 Jotto Desk 4" faceplate for the Whelen Cencom controller.	1	Y	0.00
39	425-6295 Jotto Desk 3" face plate for the Motorola XTL5000 remote head radio.	1	y	0.00
40	425-2968 Jotto Desk 2" faceplate with 3 12V power outlets.	1	Y	30.58
41	425-1530 Jotto Desk utility box. 2.75 X 4 X 8.5	1	Y	31.20
42	425-3704 Jotto Desk ABS Dual Cup Holder Faceplate Mount	1	Y	32.45
43	425-6053 3" Blank face plate.	1	Y	0.00
44	425-6260 Jotto Desk universal arm rest upper structure assembly and pad.	1	Y	39.31
45	IMP-112 Magnetic mic clip WITH insulation	2	Y	65.90
46	425-2827 Jotto Desk 06+ Charger console mounting base. Attaches to side of consoles and mounts any Jotto Desk arm.	1	Y	90.09
47	425-3062 Jotto Desk 6.75" straight arm. Small mounting holes.	1	Y	49.14
48	425-5182 Jotto Desk GK mounting plate. Attaches to bottom of various MDT docking stations to allow mounting to Jotto arms.	1	Y	45.05
49	475-2015 Patriot Gun rack - Single Weapon, Partition Mounted, Vertical (GR9-ZRT-AR-BLM-V)	1	Y	276.25
50	475-0865 Patriot Chevy Tahoe (2015+) Silverado 1500 (2014+) Silverado 2500/3500 (2015+) Space Creator vehicle Partition Featuring Bidirectional Recessed Housing (HS/HV Window Option)	1	Y	584.97
51	475-0888 Patriot extension panel kit for the 2015 Chevy Tahoe.	1	Y	84.50
52	475-0973 Patriot Products Bio seat system for the 2015+ Chevy Tahoe. Includes mesh rear partition and retractable center pull seat belts.	1	Y	1105.00
53	3SCOCDR Whelen 3" white LED dome light. (Prisoner Done) Install Carbide Controller and Siren Speaker. Install Motorola Front Mounted Radio and Parts Supplied by CCPW.	1	Y	50.62
54	LARNMOKHFU... Larsen high frequency coax. RG58/U Dual Shield cable. 25 foot length. No connector.	1	Y	22.50
55	AP-CWG-Q-S222... Install Docking Station, Supplied by CCPW. Antenna Plus Multi Band Permanent Mount Cell/LTE/GPS/WIFI antenna. Black	1	Y	190.80
56	AngArm-00014 Ballistic Door Panel, 2015 & Newer Chevrolet Tahoe and Tahoe PPV, Driver, NIJ 0108.01 Level IIIA	1	Y	1175.85
57	Ang-Arm-0015 Ballistic Door Panel, 2015 & Newer Chevrolet Tahoe and Tahoe PPV, Passenger, NIJ 0108.01 Level IIIA	1	Y	1175.85
58	Graphics Installation Graphics Installation Fee	1	Y	195.00

59	Labor Labor required to complete the build of a vehicle	46	Y	3220.00
60	Shop Supplies Shop supplies to complet job. Includes zip ties, connectors, loom, etc.	1	Y	300.00
61	Fright out Freight to customer.	1	y	500.00

TOTAL COST PER VEHICLE: \$23,483.59

APPENDIX C

WIRE WORKS, LLC APPENDIX C ITEMIZED EMERGENCY EQUIPMENT SPECIFICATIONS SILVERADO 3500 4WD MARINE PATROL

ITEM	DESCRIPTION	QTY	MEETS SPECS	COST
1	I2D Whelen ION DUO Series Linear-LED Red/White, Individual Control of each color, Black housing	1	Y	134.46
2	I2E Whelen ION DUO Series Linear-LED Red/White, Individual Control of each color, Black housing	1	Y	134.47
3	IONV1B Whelen IONV1 V-series lighthouse. Blue in color	4	Y	704.78
4	UHF2150A Whelen Headlight/Grille Light flasher w/ 4 Flash Patterns for Positive or Negative Headlight Switching (not for Chevy Impala)	1	Y	46.01
5	SA315P Whelen Siren Speaker. 123db. 2 7/8 mounting depth	1	Y	164.53
6	SAK1 Whelen universal mount bracket for the SA315P speaker A4	1	Y	0.00
7	ISFW49Z Whelen chevy Silverado 1500, 2019, ten Lamps, Upper Front Two Piece Unit, Individual Driver & Passenger Side Units, with Two LED Flashing/Take-Downs	1	Y	799.95
8	MISC Whelen #ISDD DUO colored module for Inner Edge	4	Y	124.42
9	MISC Whelen #ISDD DUO colored module for Inner Edge	4	Y	124.42
10	LARNMOKHFU Larsen high frequency coax. RG58/U Dual Shield cable. 25 foot length. No connector.	1	Y	22.50
11	EM-MX0152 EM Wave antenna 152-162 mhz ¼ wave	1	Y	19.95
12	AP-CWG-Q-S222 Antenna Plus multi Band Permanent Mount Cell/LTE/GPS/WIFI antenna. Black.	1	Y	175.00
13	I2E Whelen ION DUO Series Linear-LED Blue/White, Individual Control of each Color, Black Housing	4	Y	537.89
14	VTX609R Whelen Vertex Super LED lighthouse. Red.	4	Y	288.00
15	905113 Rigid SR-Q LED light flood pattern	1	Y	226.95
16	TCRHS1 Whelen "Tracer" led light head. 12" blue LED's	2	Y	425.26
17	ECVDM/LTAL00 Sound Off Universal mount dome light. Red/White LED's	1	Y	79.00
18	425-6445 Jotto Desk 20" Standard Wide Body Console w/ Locking Lid Storage	1	Y	393.75
19	425-3704 Jotto Desk ABS Dual Cup Holder Faceplate Mount	1	Y	36.18
20	425-6260 Jotto Desk universal arm rest upper structure assembly & pad	1	Y	47.30
21	425-2968 Jotto Desk 2" faceplate with 3 12V power outlets	1	Y	30.88
22	425-1485 Jotto Desk 4" console mounted utility box.	1	Y	33.39
23	425-6101 Jotto Desk 4" faceplate for the Whelen Cencom controller	1	Y	0.00

24	425-6295 Jotto Desk 3" face plate for the Motorola XTL5000 remote head radio	1	Y	0.00
25	425-6022 Jotto Desk Silverado/Sierra 1500-2500-3500 (2015+) 28" Floor Plate Kit	1	Y	105.51
26	425-2827 Jotto Desk side mount universal mount. Attaches to side of consoles and mounts and Jotto Desk arm.	1	Y	87.45
27	425-3062 Jotto Desk 6.75" straight-arm. Small mounting holes.	1	Y	58.83
28	425-5182 Jotto Desk Gk mounting plate. Attaches to bottom of various MDT docking stations to allow mounting to Jotto arms.	1	Y	38.26
29	CCSRNT5F CanNect Whelen Carbide controller w/ rotary knob for OBD2 plug. Includes OBDII plug	1	Y	836.25
30	CMD5-MD Use the CMD5-M carbon monoxide detector for single sites when generator shutdown is NOT desired. 12 or 24 VDC operation. Features a state-of-the-art sensor that is unaffected by common cleaning solvents. Lowest current draw of any Firebox-Xintex CO Detector.	1	Y	109.75
31	IMP-112 Magnetic mic clip WITH insulation	2	Y	65.90
32	475-2025 Jotto Desk Gun Rack – Dual Weapon, Rear Seat Mounted, Vertical (GR6-ZRT-SILVERADO-16+-ARBLM/870)	1	Y	447.85
33	Labor required to complete the build of a vehicle	42	Y	2940.00
34	Shop supplies to complete job. Includes zip ties, connectors, loom, ect.	1	Y	200.00
35	Fright to customer.	1	Y	300.00

TOTAL COST PER VEHICLE: \$10,556.96

APPENDIX D

WIRE WORKS, LLC APPENDIX D ITEMIZED EMERGENCY EQUIPMENT SPECIFICATIONS FORD SUV PPV

ITEM	DESCRIPTION	QTY	MEETS SPECS	COST
1	SA315P Whelen Siren Speaker. 123db. 2 7/8 mounting depth.	1	Y	164.53
2	SAK1 Whelen universal mount bracket for the SA315P speaker. A4	0	Y	0.00
3	I2SMD Whelen ION DUO Series Linear-LED Red/White, Individual Control of each Color, Black Housing Surface mounting.	1	Y	112.99
4	I2SME Whelen ION DUO Series Linear-LED Red/White, Individual Control each Color, Black housing Surface Mounting.	1		112.99
5	WWLB-022 Wireworks light bracket for Whelen ION. 90 degree.	2	Y	21.70
6	UHF2150A Whelen Headlight/grille Light Flasher with 4 Flash Patterns for Positive or Negative Headlight Switching (not for Chevy Impala)	1	Y	48.05
7	VIX609B Whelen Vertex Super LED lighthouse. Blue.	2	Y	144.00
8	ISFW34X Whelen FST series Ford Explorer, 2011-2017 and Police Interceptor Utility, 2013-2017, Twelve 6-LED DUO Lamps, Upper Front Two Piece Unit, Individual Driver and Passenger Side Units	1	Y	1171.13
9	VIX609B Whelen Vertex Super LED lighthouse. Blue.	2	Y	144.00
10	VF4 40/60 AMP relay	4	Y	19.80
11	ITRAYW8 Whelen Rear RST Inner Edge. 8 Lamp LED DUO for the 2015-2017 Ford SUV. Comes with IS348 rear vehicle specific Ford SUV Brackets	1	Y	995.58
12	Misc Whelen #IS348 Ford Police Interceptor Utility, 2013-2018, Upper Rear Housing for Eight or Ten Modules, No Charge When Ordered with Inner Edge Tray	1	Y	0.00
13	20641 Rigid back up light kit. Flush mount	1	Y	109.95
14	TCRB34 Whelen TRACER MT KIT EXPLORER/UTILITY		Y	29.95
15	TCRHDS Whelen "Tracer" running board lights. 5 Lamp housing and TCRL**DUO Lighthoods. "L" Bracket mounting (6 Required) or Vehicle Specific Mounting Purchased Separately	2	Y	1540.73
16	425-6478 Jotto Desk Ford Police Interceptor Utility (2016+) Police Equipment Console-Contour	1	Y	254.02
17	425-3704 Jotto Desk ABS Dual Cup Holder Faceplate Mount.	1	Y	29.95
18	425-1530 Jotto Desk utility box. 2.75 X 4 X 8.5.	1	Y	28.80
19	425-6039 Jotto Desk Storage compartment - Arm Rest, Lid w/Lock (10" x 4.5" x 8.5")	1	Y	95.56
20	425-6101 Jotto Desk 4" faceplate for the Whelen Cencom controller	1	Y	0.00

21	425-6064 Jotto Desk 3" faceplate for the Motorola Spectra, AstroSpectra, XTL1500, XTL5000, Maxtrac, Mostar, GM300, Astro (Dash Mount).	1	Y	0.00
22	21406 Midland external 4" radio speaker with bracket.	1	Y	29.99
23	CCSRNT5F CanNect Whelen Carbide controller w/ rotary knob for OBD2 plug	1	Y	802.80
24	CMD5-MD Use the CMD5-M carbon monoxide detector for single sites when generator shutdown is NOT desired. 12 or 24 VDC operation. Features a state-of-the-art sensor that is unaffected by common cleaning solvents. Lowest current draw of any Firebox-Xintex CO Detector.	1	Y	109.75
25	IPM-112 Magnetic mic clip WITH insulation	2	Y	65.90
26	CCAS-DB-7-800/... Sti-Co concealed internal antenna system. 760-896/1850-1950 frequency range. Installs above headliner.	1	Y	82.56
27	OPS Clark County... OPS rear storage box with sliding spare tire cover. Includes: 1-40101013 Simplex Lock. 1-OP-FIU-12-40-20D Single Drawer Box. 1-OP-FIUB-00003 Mounting Platform with Sliding Door with gas struts. 2-40101014 Adjustable Front to Back Dividers. 1-40101010 Rubber Mat.	1	Y	1656.05
28	Labor Labor required to complete the build of a vehicle	38	Y	70.00
29	Shop Supplies Shop supplies to complete job. Includes zip ties, connectors, loom, ect.	1	Y	150.00
30	Freight out Freight to customer	1	Y	300.00

TOTAL COST PER VEHICLE: \$11,794.77

APPENDIX E

WIRE WORKS, LLC APPENDIX E ITEMIZED EMERGENCY EQUIPMENT SPECIFICATIONS PATROL TAHOE K9

ITEM	DESCRIPTION	QTY	MEETS SPECS	COST
1	CH27:1:14 911 Circuits power distribution panel. 27 circuits; single stage timer. 14 foot. SPECIFY MOUNTING BRACKET	1	Y	585.95
2	WWPD-024 Mounting bracket for 2015 Tahoe/Suburban. Underhood.	1	Y	41.85
3	CB150 Wire Works 150 amp manual resettable circuit breaker.	1	Y	39.95
4	SA315P Whelen Siren Speaker. 123db. 2 7/8 mounting depth.	1	Y	164.53
5	SAK1 Whelen universal mount bracket for the SA315P speaker. A4	1	Y	0.00
6	36-53805 Westin "Elite" push bumper for Chevrolet Tahoe.	1	Y	509.76
7	36-53805PB - Westin pitt bars for the "Elite" series push bumper for Chevy Tahoe.	1	Y	385.78
8	SSFPOS16 Whelen solid state headlight flasher for the 2007-2017 Chevy Tahoe Police Package Vehicles, Includes Mating Plug, for Positive Switching headlights.	1	Y	72.41
9	KBLIB-II-DUO-815 Whelen 50" Duo front and rear colors with ITL12 Takedowns, Photocell and strap kit included. Cencom Carbine controller CCSRNT5F. This also includes the CAN Port Module Plug.	1	Y	2429.62
10	I2SME Whelen ION DUO Series Linear-LED Blue/White, Individual Control of each Color. Black housing Surface Mounting. (Forward Facing from Bumper)	2	Y	225.98
11	WWLB-027 Wire Works light bracket for the Whelen ION surface mount light head. 1.5" height. (For Bumper Lights)	2	Y	26.00
12	P46S2B Whelen PAR-46 LED spotlight with blue warning lights. (Replace Driver Side Spot)	1	Y	227.20
13	WWLP-006 Wire Works PAR-46 Replacement LED 8° Spotlight Lighthouse. (Replace Passenger Side Spot)	1	Y	136.79
14	IONSV3B Whelen ION series LED light head with Combination 180° Warning, Take Down and Puddle Light combination. Blue.	2	Y	366.82
15	IONSV3B Whelen ION series LED light head with Combination 180° Warning, Take Down and Puddle Light combination. Blue.	2	Y	366.82
16	WWLB-055 Wireworks custom bracket for Whelen ION surface mount. Reduced height as per Clark Co	2	Y	23.80
17	TCRB45 Whelen "Tracer" mounting brackets for Tahoe	1	Y	31.79
18	TCRHD5 Whelen "Tracer" running board lights. 5 Lamp Housing and TCRL** DUO Lighthoods. "L" Bracket Mounting (6 Required) or Vehicle Specific Mounting Purchased Separately	2	Y	1476.53

19	IONR Whelen ION Series Super-LED Light Red (Under Hatch Driver Side)	1	Y	79.20
20	IONB Whelen ION Series Super-LED Light Blue (Under Hatch Passenger Side)	1	Y	79.20
21	IONGROM Whelen ION series light head flush mount grommet kit. (For above ION's)	2	Y	9.58
22	OE45UR6 Whelen Outer Edge, rear facing upper exterior mount with 6 LED's. Fits 2015-Current Chevy Tahoe.	1	Y	676.13
23	I2SMJ Whelen ION DUO Series Linear-LED Red/Blue, Individual Control of each Color, Black housing Surface Mounting. (Vertical of License Plate Lights)	2	Y	225.98
24	98003 Rigid SR-Q Flush Mount Back Up Light Kit	1	Y	231.29
25	OP-CTU-12-47-3 OPS Box Aluminum Chevy Tahoe Drawer Unit. 12" H X 47" W X 36" D with Single Drawer Configuration c/w Anti-skid liner on the top. 500lb drawer slides. Key lock cylinder. Mounting brackets included for 2017 Tahoe. 1.5" cargo rail around sides and back made from .100 aluminum.	1	Y	1229.76
26	40101013 OPS 9100 Push Button Simplex lock per drawer.	1	Y	238.79
27	40101010 OPS Rubber matting per drawer.	1	Y	7.8
28	40101014 OPS Divider per weapon drawer.	2	Y	71.36
29	Shipping in Shipping Charges into WW from OPS	1	Y	112.50
30	3SC0CDRCR Whelen 3" white LED dome light. (One Attached to Hatch and One Attached Above Command Box)	2	Y	105.98
31	16402 Round rocker switch. Non-Lighted. (Installed on Passenger Side "D" Column for hatch Dome Light)	1	Y	8.95
32	ECVDMLTAL00 Sound Off Universal mount dome light. Red/White LED's. Install Mag-Lite Charger to the Driver Side of the Gun Lock Mount, supplied by CCPW.	1	Y	48.60
33	CMD5-MD Use the CMD5-M carbon monoxide detector for single sites when generator shutdown is NOT desired. 12 or 24 VDC operation. Features a state-of-the-art sensor that is unaffected by common cleaning solvents. Lowest current draw of any Firebox-Xintex CO Detector	1	Y	109.75
34	425-6621 Jotto Desk Contour console for the 2015+ Chevy Tahoe. Includes integrated Pentax/Brother printer mounting space and locking lid storage. Includes console and floor plate.	1	Y	468.00
35	425-6101 Jotto desk 4" faceplate for the Whelen Cencom controller.	1	Y	0.00
36	425-6064 Jotto Desk 3" faceplate for the Motorola Spectra, AstroSpectra, XTL1500, XTL5000, Maxtrac, Monstar, GM300, Astro (Dash Mount)	1	Y	0.00
37	425-2968 Jotto Desk 2" faceplate with 3 12V power outlets.	1	Y	30.58
39	425-1530 Jotto Desk utility box. 2.75 X 4 X 8.5	1	Y	31.20
40	425-3704 Jotto Desk ABS Dual CUP Holder Faceplate Mount	1	Y	32.45

41	425-6053 3" Blank face plate.	1	Y	0.00
42	425-6260 Jotto Desk universal arm rest upper structure assembly and pad.	1	Y	39.31
43	IMP-112 Magnetic mic clip WITH insulation	2	Y	65.90
44	425-2827 Jotto Desk side mount universal mount. Attaches to side of consoles and mounts and Jotto Desk arm.	1	Y	85.80
45	425-3062 Jotto desk 6.75" straight arm. Small mounting holes.	1	Y	48.10
46	425-5182 Jotto Desk GK mounting plate. Attaches to bottom of various MDT docking stations to allow mounting to Jotto arms.	1	Y	45.05
47	475-2015 Patriot Gun Rack - Single Weapon, Partition Mounted, vertical (GR9-ZRT-AR-BLM-V)	1	Y	276.25
48	K9-C23 Havis K-9 Transport System to fit 2015 to 2017 Chevrolet Tahoe (Door Popper on Passenger Side).	1	Y	2103.12
49	F3 Ray Allen F3 Generation 2 Deployment and Heat Alert system.	1	Y	1121.25
50	K9-A-103 havis water bowl and mount kit for K9 Kennels	1	Y	54.88
51	K9-A-104 Havis 10" Fan with cover and harness to attach to the Window screen of K-9 Package.	1	Y	360.08
52	3SCOCDR Whelen 3" white LED dome light. (Prisoner Done) Carbide Controller included in light bar special	1	Y	50.62
53	LARNMOKHFU Install Motorola Front Mounted Radio and Parts Supplied by CCPW. Larsen high frequency coax. RG58/U Dual Shield cable. 25 foot length. No connector. Docking Station, Supplied by CCPW. Install radar system if provided	1	Y	22.50
54	AngArm-00014 ballistic Door Panel, 2015 & newer Chevrolet Tahoe and Tahoe PPV, Driver, NIJ 0108.01 Level IIIA	1	Y	1179.97
55	AngArm-00015 Ballistic Door Panel, 2015 & Newer Chevrolet Tahoe and Tahoe PPV, Passenger, NIJ 0108.01 Level IIIA	1	Y	1179.97
56	Graphics Installati... Graphics Installation Fee	1	Y	195.00
57	Labor Labor required to complete the build of a vehicle	62	Y	4340.00
58	Ship Supplies Shop Supplies to complete job. Includes zip ties, connectors, loom, ect.	1	Y	300.00
59	Freight to customer including K9 Kennel, Jotto, Push bumper, ect.	1	Y	750.00

TOTAL COST PER VEHICLE: \$25,090.98