



ALPENA COUNTY SHERIFF'S OFFICE

Sheriff Erik W. Smith · 4900 M32 W · Alpena, Michigan 49707
Phone (989) 354-9830 · Fax (989) 354-9868 · www.alpenasheriff.com

August 5, 2022

To: Mary Catherine Hanna, Alpena County Coordinator

From: Erik Smith, Sheriff

Ref: Cost to Outfit New Patrol Vehicles

Mary Catherine,

I was asked by your office to come up with the cost to have our new patrol vehicles outfitted. Attached are two cost estimates from Emergency Services, back before the vehicles were ordered. The first estimate is for the Ford Inceptors and the second estimate is for the administration Ford Expeditions.

Cost to Outfit Ford Inceptor is \$10,345.65 X 6 vehicles= \$62,073.90

Cost to Outfit Ford Expedition is \$7,049.21 X 2 vehicles= \$14,098.42

Total= \$76,172.32

Lynn mentioned that the cost was going to be possibly 1/2 covered by ARPA funds. If that is the case, \$38,086.16 would be ARPA funds and the other \$38,086.16 would come from the general fund.

This wouldn't include the 6 vehicles ordered for 2023. I'm assuming that we would add those costs into our 2023 road patrol budget.

Respectfully,

Erik Smith, Sheriff

Emergency Services, LLC
Providing Solutions for Public Safety

1660 Dodson Drive
 Muskegon, MI 49442

Phone: 231-727-7400 // Fax: 231-727-7401

Email: service@emergencyservices.org // Web: www.emergencyservices.org

Estimate

Bill To Alpena County Sheriff's Office
 Smith, Undersheriff Erik
 4900 M-32 W.
 Alpena, MI 49707
 USA

Plate MI 2022 INSTALL #22-01
 Description 2022 Ford Police Interceptor Utility Base V6 3.3L
 3343CC 204CID VIN B
 VIN
 Unit 2022 INSTALL #22-01
 Odometer 0

Home (989) 354-9871
 Email

Estimate # 21596
 Service Advisor Soraruf, Ashlie
 Technician #Upfits-Q

Appointment 1/24/2022 10:07 AM
 Promised 1/24/2022 2:07 PM

Service

Standard Police Interceptor Utility Install - Grille/Front

The vehicle ordered comes with a speaker behind the bumper. ES will install an additional speaker and move them both to the outside of the bumper.

Aluminum Push Bumper, 4-Ions, 2020 PIU	1 Unit	\$979.02 / Unit	\$979.02 *
PB8 Headlight Guard, Steel, Double Loop (2020 PIU)	1 Unit	\$361.62 / Unit	\$361.62 *
Whelen 100 Watt Speaker	1 Unit	\$175.00 / Unit	\$175.00 *
Universal Speaker Mounting Bracket	1 Unit	\$34.44 / Unit	\$34.44 *
		Sub	\$1,550.08

Standard Police Install - Front Interior

The current consoles in the old cruisers can be made to fit into the new body style. An option for a new one made for the 2020+ Utilities is included. Arm rests are not included in the estimate as the style required for Alpena includes a printer mount. It would be most cost effective to move them from the old cars, if they will fit.

Polycarbonate Sliding Horizontal Window Prisoner Partition, Tall Man (2020 PIU)	1 Unit	\$890.82 / Unit	\$890.82 *
2020-2021 Ford Interceptor Utility Mid-Height Angled Console	1 Unit	\$417.89 / Unit	\$417.89 *
Equipment Mounting Brackets (Included with console)	1 Unit	\$0.00 / Unit	\$0.00 *
Cup Holder, Internal Mount, Dual	1 Unit	\$44.51 / Unit	\$44.51 *
Black Rechargeable LED General Purpose Handheld Flashlight, 1082lm	1 Unit	\$165.26 / Unit	\$165.26 *
White/Red Combo Dome Light, Black Base	1 Unit	\$46.18 / Unit	\$46.18 *
		Sub	\$1,564.66

Standard Police Interceptor Utility Install - Middle Interior

Ions will be mounted on the inside of the rear doors without being accessible by any transported prisoners.

Replacement Polycarbonate Seat, Center-Pull, w/Partition, 2020 PIU	1 Unit	\$1,371.02 / Unit	\$1,371.02 *
Polycarbonate Window Barriers (2020 PIU)	1 Unit	\$293.02 / Unit	\$293.02 *
Ion Light Blue	1 Unit	\$129.36 / Unit	\$129.36 *
Ion Light Red	1 Unit	\$129.36 / Unit	\$129.36 *
		Sub	\$1,922.76

Standard Police Interceptor Utility Install - Rear/Cargo Area

If the vehicle has been ordered with lights already installed in the cargo area, the M4 series lights will not be needed. ES will move the rear cargo storage boxes from the current vehicle into the new vehicle.

2.75" Round White/Red Combo Light SS Trim Ring	2 Unit	\$15.39 / Unit	\$30.78 *
M4 Series Red W/ Clear Lens	1 Unit	\$165.48 / Unit	\$165.48 *
M4 Series Blue W/ Clear Lens	1 Unit	\$165.48 / Unit	\$165.48 *
M4 Series Flange, Black	2 Unit	\$9.24 / Unit	\$18.48 *
2020 Ford Utility Trunk Tray - Right Rear	1 Unit	\$280.00 / Unit	\$280.00 *

Sub \$660.22

Standard Police Install - Roof

Vehicle will be ordered with inner edge lighting pre-installed. No lightbar is required. Additional antennas may be needed for communications equipment.

Standard Police Install - Accessories/Labor

The accessories listed below are just an estimate. Different municipalities can require different hardware.

Labor	42 Hours	\$85.00 / Hours	\$3,570.00
Electrical Raw Materials (Wire, Connectors, Etc)	10 Unit	\$28.00 / Unit	\$280.00 *
Hardware (Bolts, Fasteners, Zip Ties, Brackets)	4 Unit	\$28.00 / Unit	\$112.00 *
General Supplies (Sand Paper, Tape, Discs, Sprays, Glue, Gas)	5 Unit	\$28.00 / Unit	\$140.00 *
Ethernet Patch Cable Red (25Ft)	1 Unit	\$13.44 / Unit	\$13.44 *
Chargeguard-Select	1 Unit	\$98.51 / Unit	\$98.51 *
Antenna, Thick Plate Mount, 1/2" Solid Center Cable	2 Unit	\$17.55 / Unit	\$35.10 *
Round Rocker Switch, Center Off, Black	1 Unit	\$2.20 / Unit	\$2.20 *
Ato/Atc Fuse Block 6 Gang No Ground	2 Unit	\$17.29 / Unit	\$34.58 *
Ato/Atc Fuse Block 10 Gang With Ground Terminal	1 Unit	\$23.34 / Unit	\$23.34 *
Terminal Strip 10-18 Ga 10 Mm Pitch Wire Guard 12 Pole 27A	1 Unit	\$5.00 / Unit	\$5.00 *
20-8 GA Terminal Strip	4 Unit	\$7.65 / Unit	\$30.60 *
6Ft 3.5Mm Stereo Plug/Jack M/F Cable - Black	1 Unit	\$6.98 / Unit	\$6.98 *
Dual 2.1A USB Charger & 20A Power Receptacle	1 Unit	\$24.67 / Unit	\$24.67 *
Mini UHF Connector	1 Unit	\$3.07 / Unit	\$3.07 *
N Female Connector For RG58/U, RG58A/U, RG141 And Ultralink Cable	1 Unit	\$5.62 / Unit	\$5.62 *
Mic Hangup Clip	2 Unit	\$1.18 / Unit	\$2.36 *
Rearview Mirror Adhesive	2 Unit	\$5.23 / Unit	\$10.46 *
		Sub	\$4,397.93

Total Parts	\$6,525.65
Total Labor	\$3,570.00
Total Before Taxes & Miscellaneous Charges	\$10,095.65
(F) Shipping*	\$250.00
(*) State Sales Tax*	\$0.00
Exemption #: GOVERNMENT	
Grand Total	\$10,345.65

Expect a 6-8 week lead time on specialty orders. All equipment will be billed at the time of its arrival - likely prior to installation.

This Estimate is based on visual inspection, and does not include additional items which may be required after disassembly. Occasionally, after work is started, worn, broken, or damaged parts maybe discovered which were not evident upon the initial inspection. Prices on parts and labor are current and subject to change. All parts are assumed to be New Part not provided by the original equipment manufacturer unless otherwise noted. Estimates are valid for 30 days.

Date _____ Prepared By _____

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Estimate

Bill To Alpena County Sheriff's Office
 Smith, Undersheriff Erik
 4900 M-32 W.
 Alpena, MI 49707
 USA

Plate MI 2022 EXPEDITION #1
 Description 2022 Ford Expedition XLT
 VIN
 Unit 2022 EXPEDITION #1
 Odometer 0

Home (989) 354-9871
 Email

Estimate # 21614
 Service Advisor Soranuf, Ashlie
 Technician NA

Appointment 1/26/2022 5:06 PM
 Promised 1/26/2022 9:06 PM

Service

Emergency Equipment Install/Repair - U

Front/Grille

Install siren speaker, front inner edge lighting and grille lighting.

Whelen 100 Watt Speaker	1 Unit	\$175.00 / Unit	\$175.00 *
Whelen Siren Speaker Bracket, 2020+ Ford Expedition, Driver Side	1 Unit	\$37.80 / Unit	\$37.80 *
Inner Edge FST, Twelve Lamps w/Take Downs, Red/Blue (2020+ Expedition)	1 Unit	\$641.76 / Unit	\$641.76 *
Siren Amplifier w/Handheld Control & WeCan Port	1 Unit	\$760.48 / Unit	\$760.48 *
Ion Light Blue	1 Unit	\$129.36 / Unit	\$129.36 *
Ion Light Red	1 Unit	\$105.84 / Unit	\$105.84 *
		Sub	\$1,850.24

Emergency Equipment Install/Repair - U

Rear/Cargo Area

Install rear inner edge lighting and lighting in rear windows

Inner Edge RST, 10 Lamp Tray, WeCan Duo	1 Unit	\$1,120.56 / Unit	\$1,120.56 *
Duo Lighthouse for Inner Edge RST, Amber/Red	5 Unit	\$40.83 / Unit	\$204.15 *
Duo Lighthouse for Inner Edge RST, Amber/Blue	5 Unit	\$40.83 / Unit	\$204.15 *
Ion Light Blue	2 Unit	\$123.48 / Unit	\$246.96 *
Ion Light Red	2 Unit	\$105.84 / Unit	\$211.68 *
		Sub	\$1,987.50

Emergency Equipment Install/Repair - U

Running Board Area

Install lighting along running boards, 3 per side with alternating red and blue

Micron Series, Stud Mount, LED Lighthouse, Red	3 Unit	\$108.36 / Unit	\$325.08 *
Micron Series, Stud Mount, LED Lighthouse, Blue	3 Unit	\$106.68 / Unit	\$320.04 *
		Sub	\$645.12

Emergency Equipment Install/Repair - U

Labor/Accessories

Labor	25 Hour	\$85.00 / Hour	\$2,125.00
Solid State Headlight Flasher	1 Unit	\$67.20 / Unit	\$67.20 *
Solid State Taillight Flasher	1 Unit	\$60.19 / Unit	\$60.19 *
760 - 870 Phantom Antenna, White	1 Unit	\$30.47 / Unit	\$30.47 *
Mini UHF Connector	1 Unit	\$3.49 / Unit	\$3.49 *
Electrical Raw Materials (Wire, Connectors, Etc)	9 Unit	\$28.00 / Unit	\$252.00 *
Hardware (Bolts, Fasteners, Zip Ties, Brackets)	1 Unit	\$28.00 / Unit	\$28.00 *
		Sub	\$2,566.35

Total Parts	\$4,924.21
Total Labor	<u>\$2,125.00</u>
Total Before Taxes & Miscellaneous Charges	\$7,049.21
 (*) State Sales Tax*	 \$0.00
Exemption #: GOVERNMENT	
Grand Total	<u>\$7,049.21</u>

Expect a 6-8 week lead time on specialty orders. All equipment will be billed at the time of its arrival - likely prior to installation.

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