



**CITY OF NOVI CITY COUNCIL
MARCH 18, 2024**

SUBJECT: Consideration of approval to purchase three 2024 Ford Police Interceptor Explorers from Lunghamer Ford of Owosso, through the MiDeal Cooperative purchasing contract, in the amount of \$128,970.

SUBMITTING DEPARTMENT: Public Safety- Police Department
Department of Public Works- Fleet Division

EXPENDITURE REQUIRED	\$ 128,970
AMOUNT BUDGETED	\$ 485,167
APPROPRIATION REQUIRED	\$ 0
LINE ITEM NUMBER	262-302.00-983.000

BACKGROUND INFORMATION:

The new 2024 Ford Police Explorers will be replacing three marked vehicles used by the Uniformed Officers Section of the Police Department. These vehicles are used for patrol. All the current vehicles will be at or over 100,000 miles over the next year. The current union contract requires public safety vehicles be removed from emergency service at 100,000 miles.

RECOMMENDED ACTION: Approval to purchase (3) 2024 Ford Police Interceptor Explorers from Lunghamer Ford of Owosso, through the MiDeal Cooperative purchasing contract, in the amount of \$128,970.

MEMORANDUM



TO: ERICK ZINSER
DIRECTOR OF PUBLIC SAFETY/ CHIEF OF POLICE

FROM: MICHAEL RHATIGAN, FLEET ASSET MANAGER

SUBJECT: RECOMMENDED PURCHASE OF NON-HYBRID FORD POLICE EXPLORERS

DATE: MARCH 5, 2024

Since COVID, automaker supply chains have been greatly affected by the lack of available parts to build vehicles. This has affected or delayed the City from purchasing vehicles for all departments. Ford recently released a letter to customers stating they will not be able to fulfill any 2023 or 2024 Hybrid Explorer orders (attached). The City has three 2023 Hybrid Explorers on order and cannot order any 2024 hybrid models. Due to the hybrid engine supply chain constraints, the 2023 order has been pushed out to at least 2025.

This manufacturing constraint has created a problem with the replacement schedule of the police patrol units. As it stands, Ford has no estimated time to resume production of the Hybrid Explorers. While hybrids have been able to reduce fuel consumption for the police patrol fleet, the DPW- Fleet Division recommends that gas engines be purchased this year since it is unknown when hybrid models will become available again. Lunghamer Ford currently has three 2024 non-hybrid Explorers available for purchase on their lot. Fleet recommends on an upcoming agenda that City Council consider the purchase of these three non-hybrid vehicles to replace the patrol units coming out of service this year.



February 22, 2024

City of Novi Police Department
Attn: Michael Rhatigan
45175 W. Ten Mile Road
Novi, MI 48375

Dear Michael Rhatigan:

Price on 2024 Vehicle State of Michigan Contract# 071B7700180 and Macomb County Contract# 21-18 Bid:

(3) 2024 Ford Police Interceptor Utility AWD in Black	\$42,990.00 ea
Total Delivered Price	\$128,970.00

Service Contract: 36,000 miles or 36 months factory bumper to bumper warranty and 100,000 miles or 60 months powertrain warranty.

Delivery date: TBD.

Order Cutoff Date: TBD.

Ford Motor Company does not guarantee delivery---Ford Motor Company will make reasonable efforts to schedule orders received prior to fleet order cut-off date.

Payment requirements: All departments to pay on delivery of vehicle. 10-day grace period will be given if previous arrangements have been made. An \$8.00 per day floor plan will be charged if payment is not at the dealership within 10 days of delivery of the vehicle (s).

If you have any questions please call me, 888-92-Fleet (888-923-5338).

Respectfully Submitted,

Bill Campbell

Bill Campbell
Government & Fleet Sales

State of Michigan

2024 Utility Police Interceptor

Major Standard Equipment

MECHANICAL

- Axle Ratio – 3.73 (AWD)
- Brakes – 4-Wheel Heavy-Duty Disc w/H.D. Front and Rear Calipers
- Column Shifter
- DC/DC converter – 220-Amp (in lieu of alternator)
- Drivetrain – All-Wheel-Drive
- Electric Power-Assist Steering (EPAS) – Heavy-Duty
- Engine – 3.3L V6 Direct-Injection Hybrid Engine System
- Engine – 3.3L V6 Direct-Injection FFV with 10-Speed Automatic Transmission (136-MPH Top Speed)
- Note: Deletes Regenerative Braking and Lithium-Ion Battery Pack; adds 250-Amp Alternator, replaces H7 AGM battery (800 CCA/80-amp) with H7 SLI battery (730 CCA/80-amp) and replaces 19-gallon tank with 21.4-gallon tank
- Engine – 3.0L V6 EcoBoost® with 10-Speed Automatic Transmission – (148-MPH Top Speed)
- Note: Deletes Regenerative Braking and Lithium-Ion Battery Pack; adds 250-Amp Alternator, replaces H7 AGM battery (800 CCA/80-amp) with H7 SLI battery (730 CCA/80-amp) and replaces 19-gallon tank with 21.4-gallon tank
- Engine Hour Idle Meter
- Engine Hour Meter
- Engine Oil Cooler
- Fuel Tank – 19-gallons
- H7 AGM Battery (800 CCA/80-amp)
- Lithium-Ion Battery Pack
- Suspension – independent front & rear
- Transmission – 10-speed automatic

EXTERIOR

- Antenna, Roof-mounted
- Cladding – Lower bodyside cladding MIC
- Door Handles – Black (MIC)
- Exhaust True Dual (down-turned)
- Front-Door-Lock Cylinders (Front Driver / Passenger / Liftgate)
- Glass – 2nd Row, Rear Quarter and Liftgate Privacy Glass
- Grille – Black (MIC)
- Headlamps – Automatic, LED Low-and-High-Beam
- Note: Includes Front Headlamp / Police Interceptor Housing (with LED wig-wag feature)
- Pre-drilled hole for side marker police use, does not include LED strobe, but includes LED wig-wag functionality (eliminates need to drill housing assemblies and provides LED wig-wag feature)
- Pre-molded side warning LED holes with standard sealed capability (does not include LED installed lights)
- Wig-wag default is traditional ping-pong pattern; can be programmed to triple-burst pattern or ping-pong / triple-burst
- Note: Must be wired to vehicle's light controller to enable wig-wag functionality; recommend Ready for the Road Package (67H) or Ultimate Wiring Package (67U)
- Liftgate – Manual 1-Piece – Fixed Glass w/Door-Lock Cylinder
- Mirrors – Black Caps (MIC), Power Electric Remote, Manual Folding with Integrated Spotter (integrated blind spot mirrors not included when equipped with BLIS®)
- Spare – Full size 18" Tire w/TPMS
- Spoiler – Painted Black
- Tailgate Handle – (MIC)
- Tail lamps – LED
- Tires – 255/60R18 A/S BSW
- Wheel-Lip Molding – Black (MIC)
- Wheels – 18" x 8.0 painted black steel with wheel hub cover
- Windshield – Acoustic Laminated

INTERIOR/COMFORT

- Cargo Hooks
- Climate Control – Dual-Zone Electronic Automatic Temperature Control (DEATC)
- Door-Locks
- Power
- Rear-Door Handles and Locks Operable
- Fixed Pedals (Driver Dead Pedal)
- Floor – Flooring – Heavy-Duty Thermoplastic Elastomer
- Glove Box – Locking/non-illuminated
- Grab Handles – (1 – Front-passenger side, 2-Rear)

INTERIOR/COMFORT (continued)

- Liftgate Release Switch located in overhead console (45 second timeout feature)
- Lighting
- Overhead Console
- Red/White Task Lighting in Overhead Console
- 3rd row overhead map light
- Mirror – Day/night Rear View
- Particulate Air Filter
- Powerpoints – (1) First Row
- Rear-door closeout panels
- Rear-window Defrost
- Scuff Plates – Front & Rear
- Seats
- 1st Row Police Grade Cloth Trim, Dual Front Buckets with reduced bolsters
- 1st Row – Driver 6-way Power track (fore/aft. Up/down, tilt with manual recline, 2-way manual lumbar)
- 1st Row – Passenger 2-way manual track (fore/aft. with manual recline)
- Built-in steel intrusion plates in both driver/passenger seatbacks
- 2nd Row Vinyl, 35/30/35 Split Bench Seat (manual fold-flat, no tumble) – fixed seat track
- Speed (Cruise) Control
- Speedometer – Calibrated (includes digital readout)
- Steering Wheel – Manual / Tilt / Telescoping, Urethane wheel finish w/Silver Painted Bezels with Speed Controls and 4-user configurable latching switches
- Sun visors, color-keyed, non-illuminated
- Universal Top Tray – Center of I/P for mounting aftermarket equipment
- Windows, Power, 1-touch Up/Down Front Driver/Passenger-Side with disable feature

SAFETY/SECURITY

- AdvanceTrac® w/RSC® (Roll Stability Control™)
- Airbags, dual-stage driver & front-passenger, side seat, passenger-side knee, Roll Curtain Airbags and Safety Canopy®
- Anti-Lock Brakes (ABS) with Traction Control
- Brakes – Police calibrated high-performance regenerative braking system
- Belt-Minder® (Front Driver / Passenger)
- Child-Safety Locks (capped)
- Individual Tire Pressure Monitoring System (TPMS)
- LATCH (Lower Anchors and Tethers for Children) system on rear outboard seat locations
- Rearview Camera with Washer viewable in 4.2" center stack.
- Seat Belts, Pretensioner/Energy-Management System w/adjustable height in 1st Row
- SOS Post-Crash Alert System™

FUNCTIONAL

- Audio
- AM/FM / MP3 Capable / Clock / 4-speakers
- Bluetooth® interface
- 4.2" Color LCD Screen Center-Stack "Smart Display"
- Note: Standard radio does not include USB Port or Aux. Audio Input Jack; Aux. Audio Input Jack requires SYNC 3®
- Easy Fuel® Capless Fuel-Filler
- Ford Telematics™ – Includes Ford Modem and complimentary 2-year trial subscription
- Front door tether straps (driver/passenger)
- Power pigtail harness
- Recovery Hooks; two in front and trailer bar in rear
- Simple Fleet Key (w/o microchip, easy to replace; 4-keys)
- Two-way radio pre-wire
- Two (2) 50 amp battery ground circuits – power distribution junction block (behind 2nd row passenger seat floorboard)
- Wipers – Front Speed-Sensitive Intermittent; Rear Dual Speed Wiper Wipers – Front

WARRANTY

- 3 Year / 36,000 Miles Bumper / Bumper
- 8 Year / 100,000 Miles Hybrid Unique Components
- POWERTRAIN CARE EXTENDED SERVICE PLAN**
- 5-year/100,000-mile Powertrain CARE Extended Service Plan (zero deductible) – Standard

Police Interceptor Utility Base Prices

[x] Utility All Wheel Drive (3.3L V6 Direct-Injection FFV, 136 MPH, 99B/44U) K8A/500A \$41,610.00

VEHICLE COLOR: Order Code	Interior Trim Color
Agate Black	Charcoal Black (96)
[UM]	[x]

INTERCEPTOR OPTIONAL FEATURES:

Lamps/Lighting

[x] Dark Car Feature – Courtesy lamp disable when any door is opened	43D	20.00
[x] Spot Lamp – Dual (driver and passenger) (LED Bulbs) (Unity)	51S	620.00

Doors/Windows

[x] Global Lock / Unlock feature (Door-panel switches will lock/unlock all doors and rear liftgate. Eliminates the overhead console liftgate unlock switch) ***** OLD STYLE REAR HATCH LOCK / UNLOCK *****	18D	N/C
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[x] Rear Door Handles Inoperable/Locks Inoperable and Rear Windows Inop.68G		75.00
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[x] Lock system; Single Key/All Vehicles Keyed Alike Keyed Alike 1435x= 59E	59E	50.00
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Safety & Security

[x] Remote Keyless Entry w/4 Key Fobs (w/o Keypad)	55F	340.00
[x] Reverse Sensing	76R	275.00

Total Price \$42,990.00 ea