



COMMONWEALTH OF PENNSYLVANIA
PENNSYLVANIA COMMERCIAL ITEM DESCRIPTION (PCID)

PCID NO. 1104
Effective 5 October 2006

Police Pursuit Vehicles
(Supersedes PCID 1104 eff. 27 September 2006)

1.0 SCOPE: This specification intends to describe minimum requirements for police pursuit vehicles engineered and certified by the manufacturer for high speed and severe duty law enforcement use. These vehicles shall comply with all applicable Federal and Commonwealth of Pennsylvania safety requirements as well as regulations of the Pennsylvania Motor Vehicle Code.

2.0 CLASSIFICATION: The following vehicles are included in this PCID:

- Class 1, Type 1: Ford Crown Victoria Police Interceptor, marked patrol.
- Class 1, Type 1A: Ford Crown Victoria Police Interceptor, unmarked patrol.
- Class 1, Type 2: Chevrolet Impala with 9C1 package.
- Class 1, Type 3: Chevrolet Tahoe PPV Police Package.
- Class 1, Type 4: Dodge Charger Police Vehicle
- Class 1, Type 5: Dodge Magnum Police Vehicle

3.0 GENERAL REQUIREMENTS:

3.1 Manufacturer's standard solid exterior colors with standard interior trim shall be selected after the award is made unless otherwise indicated in the proposal.

3.2 Tire size and type shall be original equipment brand with appropriate speed rating for pursuit use, or as indicated in the proposal or specification sheet.

3.3 All vehicles shall be new and of the model year indicated in the proposal.

3.4 All vehicles shall include all genuine parts, accessories and equipment considered standard by the manufacturer for the vehicle offered by the contractor. Vehicles shall include all heavy duty or higher than standard capacity items. The term "heavy duty" shall mean that items marked "HD" shall exceed the usual items supplied with standard production vehicles and specifically designed for police pursuit vehicles to withstand severe service. All components on these vehicles not specifically listed in these specifications that are normally furnished with the police package shall be included unless it conflicts with the specifications.

3.5 All vehicles shall have a valid PA state inspection sticker and a valid PA emissions inspections sticker (for all vehicles subject under the PA I/M Program). NOTE: New or current model year vehicles with less than 5,000 miles, subject to the PA I/M program, must display a valid PA emissions inspection sticker with an exemption indicator. All Pennsylvania state inspection requirements are the sole responsibility of the contractor.

3.6 The manufacturers recommended pre-delivery service shall be completed on all vehicles prior to delivery to the using agency.

3.7 All vehicles shall be cleaned, lubricated, serviced, gas tank filled to full recommended capacity, all adjustments completed, all mechanical and electrical components fully functional and operational, and the vehicle will be “road ready” for immediate use. For Pa. State Police (PSP) purchased vehicles, the hub caps/wheel covers shall not be installed but shall be shipped loose in the trunk of the vehicle.

NOTE: Dealer should not remove the manufacturer’s MSRP (Monroney) sticker and/or dealer sticker price prior to delivery. Stickers should be affixed to an interior surface of the vehicle window and legible from outside of the vehicle. Stickers shall be easily removable without any permanent marking left on the glass.

3.8 All vehicles shall have permanent antifreeze in each vehicle to protect it at a level of -35°F.

3.9 All vehicles shall be free from all dealer signs/emblems/license plate frames or logos.

3.10 All vehicles shall include a copy of the owner’s manual, manufacturer’s warranty and service policy with all warranty vouchers, certificates, and applicable warranty documents.

3.11 Each vehicle shall include the proper forms to apply for Pennsylvania title and license including the original manufacturer's Statement of Origin signed by the dealer/contractor and notarized in both the “assignment” and “odometer disclosure” sections. All title papers shall be properly executed and include PennDOT Form MV-1, Application for Title, with blocks A, B, C, and I completed, which shall indicate the owner name and address as follows: **Pennsylvania Department of General Services, 2221 Forster Street, Harrisburg, Pa 17125** (for CWOPA agencies). COSTAR’s customers shall indicate titling information on the purchase order.

3.12 At the time of vehicle delivery, the successful contractor shall furnish an original and three copies of the invoice, including contractor’s federal tax identification number, vehicle identification number, the key number, vehicle color and color code, Commonwealth purchase order and item number and ordering agency name and address.

3.13 Vehicles purchased from this contract may be serviced at any manufacturer’s designated dealership.

3.14 The PSP Transportation Division or other ordering agency will inspect all vehicles prior to acceptance. The invoice will not be processed for payment until the vehicle is inspected and any deficiencies, if found, are corrected. It will be the responsibility of the delivering dealer to remove any vehicle rejected within two (2) working days after notification, and return the vehicle upon correction of deficiencies. Date in service will be the date the vehicle is placed into service by the Commonwealth, not the date of delivery. Any applications to facilitate delayed warranty start are to be completed and provided by the vendor. It is the vendor’s responsibility to ensure delayed warranty start is registered with the manufacturer.

3.15 The Commonwealth disclaims any liability for damage to vehicles not unconditionally accepted by the Commonwealth.

3.16 Unless otherwise indicated, all items requested in this specification which are listed in the manufacturer's specification book as standard or optional equipment shall be factory installed and operative. Vehicles delivered to the Commonwealth in a condition considered to be below retail customer acceptance levels will not be accepted. Items which determine this acceptance level shall include, but not be limited to, the general appearance of the interior and exterior of the vehicle for completeness and quality of workmanship, lubrication and fluid levels with any leaks corrected, mechanical operation of the vehicle, and all electrical components operational. Allied equipment specified to be furnished and installed which is not available through the vehicle manufacturer shall conform to the best quality standards known to that particular industry, with respect to both product and installation.

3.17 All vehicle deliveries shall be FOB destination and coordinated through the PSP Transportation Division, unless otherwise specified on the purchase order. Vendors shall call (717) 783-7432 to schedule delivery at least 48 hours in advance. The Director, PSP Transportation Division shall determine the rate and frequency of the fleet order, in relationship with the total quantity ordered. On large vehicle orders, the acceptance rate by the PSP is typically in the range of twenty five to thirty five vehicles per week. This information is provided for estimating purposes only and is not a guarantee of a specific delivery rate.

3.18 Vehicle Delivery: A vehicle may not be driven more than 400 miles from the awarded vendor's place of business to the PSP Transportation Division. Delivery beyond a 400 mile radius shall be made by car transport (no exception).

3.19 Overall performance, including acceleration requirements, shall be in accordance with the Police Patrol Vehicle Evaluation and Purchasing Program conducted by the State of Michigan, Department of State Police, and Department of Management and Budget. Performance requirements will be based on like models, as tested.

3.20 The Commonwealth of Pennsylvania reserves the right to test and reject any vehicle that does not conform to these specifications.

3.21 Pa State Police Only - Prior to the initial delivery of patrol vehicles, the delivering contractor shall schedule a pilot model inspection to determine compliance with the bid specification. The inspection shall take place at the Pennsylvania State Police Transportation Division unless otherwise specified in the purchase order. The inspection may take place at the point of assembly if requested by the Director, PSP Transportation Division. In the event the pilot inspection does take place at the factory, all lodging and transportation costs for PSP personnel are the responsibility of the PSP.

4.0 REQUIRED EQUIPMENT SECTION:

The following items shall be supplied on all vehicles as **Minimum** required equipment, unless otherwise superseded in the request for proposals or invitation for bids.

4.1 Air conditioning integral with the heater and defrosters.

4.2 Dual electric intermittent windshield wipers with washer and antifreeze solvent.

- 4.3 Unless otherwise indicated in this specification, each vehicle shall be equipped with front and rear license plate holders with the required number of license plate screws installed on each holder.
- 4.4 Heavy duty power brakes with antilock system. If traction assist is standard, it shall be deleted unless otherwise indicated in this specification.
- 4.5 Control modules: Vehicle shall not employ any electronic control modules that radiate frequency energy or provide interference in the 150 MHz to 174 MHz band or the 800 MHz spectrum. After delivery, a 100 watt radio operating in the 150 to 174 MHz band or a 40 watt radio operating in the 800 MHz spectrum will be installed by the ordering agency. Vehicle performance shall not be degraded by any RF field produced by this on board radio.
- 4.6 Vehicles shall have the maximum size cooling system available incorporating a factory installed coolant recovery system.
- 4.7 Cigar lighter or power port located on instrument panel and wired independent of ignition system.
- 4.8 Full heavy duty rubber or vinyl floor covering, front and rear.
- 4.9 Tinted glass, all windows.
- 4.10 Single key system for ignition and all locks. Four (4) keys shall be provided with each vehicle. Vehicles shall be keyed differently to the extent of combinations.
- 4.11 Standard dome light that does not operate when the doors are opened, glove compartment and trunk lights. Trunk compartment light to be controlled by mercury switch. Vehicles to be equipped with an independently wired 21 candlepower (minimum) auxiliary dome lamp mounted 6" to 10" from the windshield. Final location to be per the manufacturer's recommendation for the model bid.
- 4.12 Power windows and door locks.
- 4.13 Interior rear door handles shall be inoperative.
- 4.14 Transmission oil, engine oil and power steering fluid coolers are required.
- 4.15 Manual day/night rear view mirror. Dual power mirrors.
- 4.16 AM-FM radio.
- 4.17 Factory installed rear window defroster.
- 4.18 Speedometer will be calibrated and accurate within two (2) miles per hour at speeds between 10 to 100 miles per hour. Highest top speed indicator available from the manufacturer. Calibration to be certified by fifth wheel or dynamometer method at the aforementioned miles per hour range. A certificate of accuracy from a licensed Pennsylvania official speedometer testing station must accompany each unit. Certificate

shall be dated no earlier than five (5) days before delivery to the ordering Commonwealth agency (ten (10) days before delivery for COSTARs orders). Units with a tolerance greater than two (2) mph at the specified speed range will not be accepted. Analog speedometers not to have face markings greater than two miles per hour.

4.19 Power steering engineered for high speed, severe duty law enforcement use. Tilt steering wheel.

4.20 Heavy duty suspension designed for high speed, severe duty law enforcement use, to include heavy duty springs, shock absorbers and stabilizer bars front and rear. Suspension to be equipped with grease zerker fittings at any location requiring chassis lubrication.

4.21 Vehicle to be equipped with driver, front passenger, and side impact air bag systems.

4.22 For Pennsylvania State Police Fleet Orders Only: The following publications/manuals, in the quantities indicated below, shall be supplied to the Director, Transportation Division, Pennsylvania State Police within 30 days after the date of the PSP fleet order.

- Shop manuals, to include all manuals necessary to complete repairs to any system on the vehicle, include driveability, transaxle and electrical diagnosis manual; one per car ordered up to a maximum of fourteen (14). One (1) copy of a compact disc, or access to online manuals, shall be provided if available from the manufacturer.

- Two (2) owner's manuals for each make/model ordered, in addition to those supplied with each unit.

4.23 On PSP purchased vehicle, a siren control switch, single pole, normally open, momentary foot switch shall be installed on the floor in the approximate location of the old headlight dimmer switch. The switch, when depressed, shall create a closed circuit and upon release will automatically return to an open circuit. Neither contact of the switch shall be chassis grounded. Both contacts shall have an 18 gauge stranded wire attached that will be routed to the vehicle passenger side. Each wire to have a minimum 36" length coiled and placed on the kick plate under the floor mat of the passenger side. The ordering agency will connect these wires to the electronic siren control.

5.0 TYPE 1, CLASS 1: FORD CROWN VICTORIA POLICE INTERCEPTOR MODEL, MARKED PATROL. (Vehicle not to be equipped with street appearance package.)

5.1 Trim or decorative molding shall not be installed on front doors or rear deck lid. Molding to be shipped loose on rear seat.

5.2 Front right and left side armrests.

5.3 200 amp transistorized regulator alternator. Minimum curb idle output of 132 amps at the manufacturer's recommended idle speed. Heavy duty design capable of surviving patrol car operation.

5.4 Front seat ashtray mounted on instrument panel.

- 5.5 750 CCA maintenance free battery.
- 5.6 4.6 liter overhead cam V-8 with sequential multi-port fuel injection. Highest available output. 3.27 rear axle ratio.
- 5.7 Electric remote control trunk release. Release to operate with ignition in the “on” position or when the engine is running.
- 5.8 Bonding straps to reduce radio interference.
- 5.9 Heavy duty front cloth bucket seats with vinyl rear bench seat.
- 5.10 Pillar mounted spotlight, left side.
- 5.11 P235/55R-17-98W steel belted radial blackwall, all season tread, all positions including spare, mounted on 17” steel wheels with hub caps. Tires shall be certified high speed police radial. Tires are not to be marked “patrol” or “police special” or similar police specific markings or designators..
- 5.12 Full trunk mat.

OPTION #1: Limited slip rear axle.

OPTION #2: Trunk pack, option 14T.

OPTION #3: Fire suppression system, option 60S.

OPTION #4: Dual pillar mounted spotlights.

6.0 TYPE 1, CLASS 1A: FORD CROWN VICTORIA POLICE INTERCEPTOR MODEL, UNMARKED PATROL. (Vehicle to be equipped with the street appearance package.)

- 6.1 To be equipped with factory installed body side molding.
- 6.2 Front and left side armrests.
- 6.3 200 amp transistorized regulator alternator. Minimum curb idle output of 132 amps at the manufacturer’s recommended idle speed. Heavy duty design capable of surviving patrol car operation.
- 6.4 Front seat ashtray mounted on instrument panel.
- 6.5 750 CCA maintenance free battery.
- 6.6 4.6 liter overhead cam V-8 with sequential multi-port fuel injection. Highest available output.

6.7 Electric remote control trunk release. Release to operate with ignition in the “on” position or when the engine is running.

6.8 Bonding straps to reduce radio interference.

6.9 License plate bracket rear only. Front license plate bracket not to be installed.

6.10 P235/55R-17-98W steel belted radial blackwall, all season tread, all positions including spare, mounted on 17” steel wheels with full wheel covers. Tires shall be certified high speed police radial. Tires are not to be marked “patrol” or “police special” or similar police markings or designators.

6.11 Full trunk mat.

6.12 Bucket front and bench rear with heavy duty cloth

OPTION #1: Limited slip rear axle

OPTION #2: Trunk pack, option 14T

OPTION #3: Fire suppression system, option 60S

7.0 CLASS 1, TYPE 2: CHEVROLET IMPALA FOUR DOOR SEDAN, WITH 9C1 PACKAGE.

7.1 150 amp transistorized alternator. Heavy duty design capable of surviving patrol car operation.

7.2 750 CCA 12 volt maintenance free battery.

7.3 3.9 liter Vortec V-6.

7.4 Rear license plate bracket installed. Front license plate bracket shipped loose in the trunk, not to be installed.

7.5 Electric remote control trunk release. Release to operate only with ignition in the “on” position or when the engine is running.

7.6 Front heavy duty cloth bucket seats with vinyl rear seat.

7.7 P225/60R16 steel belted radial blackwall, all season tread, mounted on heavy duty 16” steel wheels with bolt on center cap wheel covers. All tires to carry “H” speed rating. Spare tire shall be space saver type.

OPTION #1: Front heavy duty cloth bucket seats with matching heavy duty rear cloth bench.

OPTION #2: Drivers side pillar mounted spotlight.

OPTION #3: Dual pillar mounted spotlight.

OPTION #4: Auxiliary equipment tray, 11", #K012-11.

8.0 CLASS 1, TYPE 3: CHEVROLET TAHOE POLICE MODEL, FOUR DOOR, TWO WHEEL DRIVE WITH PPV OPTION.

8.1 160 amp transistorized regulator alternator. Heavy duty design capable of surviving patrol car environment.

8.2 5.3 liter Vortec V-8.

8.3 Setina #12, or approved equal, cargo barrier behind rear bench seat.

8.4 Dual battery system.

8.5 Delete body side molding.

8.6 Front heavy duty cloth bucket seats with vinyl rear bench.

8.7 Driver side pillar mounted spotlight.

8.8 P265/60R17 steel belted radial blackwall, all season tread, all positions including spare, mounted on heavy duty 17" steel wheels with bolt on center cap wheel covers. All tires to be a minimum "H" speed rating.

8.9 Full rear cargo mat, heavy duty rubber or vinyl.

8.10 Deep tint privacy glass, passenger doors and rear compartment glass.

OPTION #1: Differential, locking, heavy duty, rear.

9.0 CLASS 1, TYPE 4, DODGE CHARGER POLICE VEHICLE. (equipped with electronic stability program & traction control as standard features which are not to be deleted)

9.1 160 amp alternator

9.2 800 CCA battery

9.3 3.5 liter high output V6 engine

9.4 Front and rear license plate bracket

9.5 Vinyl rear seat and vinyl floor covering

9.6 Independently switched white and LED red dome lamp

9.7 P225/60R18V rated all season performance tires. Space saver spare. Mounted on 18” wheels with center caps. Tires shall be certified high speed radials. Tires are not to be marked “patrol”, “police special” or similar police specific indicators.

9.8 Electric trunk release.

OPTION #1: Front door body side molding, delete.

OPTION #2: Full wheel covers

OPTION #3: Black driver’s side spotlight

OPTION #4: 5.7 Liter Hemi engine

OPTION #5: Power eight way adjustable seat

10.0 CLASS 1, TYPE 5, DODGE MAGNUM POLICE VEHICLE. (Equipped with electronic stability program & traction control as standard features which are not to be deleted.)

10.1 160 amp alternator

10.2 800 CCA battery

10.3 3.5 liter high output V6 engine

10.4 Front and rear license plate bracket

10.5 Vinyl rear seat and vinyl floor covering

10.6 Independently switched white and LED red dome lamp

10.7 P225/60R18V rated all season performance tires. Space saver spare. Mounted on 18” wheels with center caps. Tires shall be certified high speed radials. Tires are not to be marked “patrol”, “police special” or similar police specific indicator.

OPTION #1: Front door body side molding, delete.

OPTION #2: Full wheel covers

OPTION #3: Black driver’s side spotlight

Police Pursuit Vehicles

PCID NO. 1104

OPTION #4: 5.7 Liter Hemi engine

OPTION #5: Power eight way adjustable seat

OPTION #6: Sunscreen privacy glass

OPTION #7: Setina model 10-C partition, slider with expanded metal (side air bag curtain compatible)

OPTION #8: OEM Systems, Inc. rear window screens. (18 gauge punched steel screens installed on all five rear windows.)

Quality Assurance Supervisor: Troy A. Ballard

Quality Assurance Supervisor: Bob Lester Quality Assurance Manager: Paul Wolf, C.P.M., CPPB