

**PROCUREMENT DEPARTMENT**  
Rm 120 Municipal Services Building  
Philadelphia, PA 19102-1685  
FAX: (215) 686-4716

# CITY OF PHILADELPHIA

Hugh Ortman  
Procurement Commissioner

March 7, 2012

**BID NUMBER:** T2XT6930  
**TITLE:** 4 x 4 armored vehicle  
**DEPARTMENT:** OFFICE OF FLEET MANAGEMENT  
**DATE TO OPEN:** March 21, 2012 at 10:30 AM

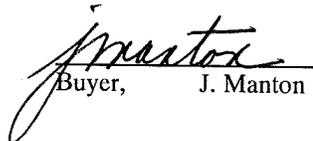
## ADDENDUM # 1

### TO ALL BIDDERS:

You are hereby notified of the following changes to the above mentioned bid:

1. OFM Spec Code 32791b.11 has been deleted in its entirety from this Invitation and Bid and replaced with OFM Spec Code 32791c.11 attached to this Addendum.
2. For Sections 2.2 and 5.1 of the Invitation and Bid Document:  
Delete OFM Spec Code 32791b.11  
Replace with OFM Spec Code 32791c.11

Please sign, date and return this addendum with your bid to the Procurement Department, 1401 J.F.K Boulevard, Bid Room 170A, Philadelphia, PA 19102-1685 as it now becomes a part of the proposal.

  
Buyer, J. Manton

\_\_\_\_\_  
AUTHORIZED SIGNATURE

\_\_\_\_\_  
FIRM NAME (PRINT)

\_\_\_\_\_  
DATE

JM/mv

**TYPE** 4X4 ARMORED VEHICLE

**GVWR** 39,000 LBS. APPROX.

**SPEC. CODE** 327991c.11

**REF. PURCH. DESCRIPTION** 41-V-20M:86

**INTENT:** The following paragraphs cover all equipment, attachments and superstructures included in the modification to the standard specification (s).

It is the intent of this specification to cover the basic requirements of a 4X4 U.S. Department of State (DOS) LEVEL "E" armored vehicle, employing the best workmanship and material to insure ample sturdiness, flexibility and economy of operation.

Appurtenances and/or accessories not herein mentioned but necessary to furnish a complete unit ready for immediate use upon delivery shall be included and conform to the best practices known in strength, quality, material and workmanship and be subject to these specifications in full. Should the manufacturer's current published data or specifications exceed these, they shall be considered minimum and be furnished. Dealer must furnish at time of delivery, for each piece of equipment being delivered, a line sheet pertaining to all components of the vehicle. This unit must supply as a minimum all standard equipment of the referenced model(s) in this specification.

All wiring shall be color or number coded throughout. All electrical circuits shall be protected by circuit breakers or fuses. All chassis-to-body wiring shall be of the **DIN / WEATHERPACK** type connections. All wiring connections shall be crimped and soldered and covered with shrink wrap. All sub-contractor / up-fitter wiring procedures and material used, must be approved prior to installation by OFM.

All wiring and non hydraulic hoses and tubing throughout, shall be protected by convoluted plastic loom (if needed). All hydraulic hoses and tubing shall be protected by a nylon abrasion sleeve covering (if needed) and Hycon clamps. Rubber grommets shall be supplied on all wiring and hoses when passing through any bulkheads, body panels, etc.

It should be noted that the specific requirements, as outlined below, supersede and/or modify the corresponding paragraphs in the standard reference purchase description specification. It also should be noted that any deviation of a line item should be addressed in letter form and included in the bid package.

MUST BE FILLED IN  
FIRM (VENDORS) NAME \_\_\_\_\_ BID NUMBER \_\_\_\_\_

This specification is not meant to be restrictive. It is recognized that manufacturers may have used different methods to insure integrity if their system. Bidders may substitute, for evaluation, alternate systems and the testing programs or protocols they have conducted to demonstrate compliance of their product. (“Or Approved Equal Clause”)

Engineering certified weigh slips shall be provided with the pilot model and signed by the Manufacturer's Engineering Department. It is understood that the components specified are minimum and manufacturer's Engineering Department recommends or deems necessary, particular weight distribution, a larger component or a larger GAWR totally. The burden of responsibility is hereby placed upon the Manufacturer's Engineering Department to supply a unit that is totally engineered correctly.

**"OR APPROVED EQUAL"**

The mention in the specifications of equipment or material by brand name or by such specified description of the same as is hereby made, is intended to convey to the bidder's understanding, the degree of excellence required. Any article, equipment, or material which will conform to the standards and excellence so established, and is of equal merit, strength, durability and appearance to perform the desired function, and are in service with other major municipalities in the United States. The Bidder is deemed eligible for offer as a substitute. The qualifications of the offering will be judged as to their conformance with these specifications. Any equipment offered other than herein specified will be subject to a competitive demonstration and evaluation by the using department. This demonstration is to be provided on request within ten (10) working days after the receipt of bids. The result of that demonstration and evaluation will be of prime importance in the recommendation to the governing body for the final contract award.

**PROTOTYPES AND EXPERIENCE**

The city requires this specified piece of equipment for the Police Department SWAT Unit. Experience building this type of armored units for United States major police departments / government agencies is mandatory, as least ten (10) custom built units in the last two years, as a track record of recent manufacture and in-service record of these units. Therefore, location and contact lists are required in the bid package to enable the city to contact these departments that have taken delivery of similar units from the bidder within the last two years. Bids received without including such location and contact list will be considered non responsive and will not be considered.

**BIDDER INITIALS** \_\_\_\_\_

MUST BE FILLED IN  
FIRM (VENDORS) NAME \_\_\_\_\_ BID NUMBER \_\_\_\_\_

**MODIFICATIONS TO THE STANDARD SPECIFICATIONS**

**2.0 APPLICABLE SPECIFICATIONS**

All line set ticket (actual part numbers and descriptions used in manufacturing), service, parts, operator, and preventive maintenance manuals shall be provided in a computer readable media. Acceptable file formats are: ASCII, Excel, and Access, if available.

2.1 Provide two (2) line set tickets for each unit delivered.

**3.0 BODY & CAB**

**3.1 CAB**

3.1 CAB, with LED clearance lamps.

3.1.1 Provide a high back height adjustable driver’s side seat, seat covering shall be heavy duty vinyl, no passenger seat. Provide high visibility seat belts.

3.2 GVWR 35,000 lbs. approx.  
Wheelbase 150" approx.  
Cab-to-Axle To be determined by chassis and body manufacturer.

**3.3 Chassis Body & Cab Colors**

CHASSIS See Item 4.23

3.3.1 through 3.3.4 OMIT

**4.0 ARMORED BODY**

Ref: LENCO B.E.A.R – BFL603  
4X4 ROTATING HATCH; COUNTER BALENCED DOS LEVEL “E”

**OPTIONS**

- 4.1 Four wheel drive, B4WD70
- 4.2 Run flat tires, BRF6
- 4.3 Four roof mounted remote control spotlights, BRCS.
- 4.4 Rear auxiliary AC/HEAT (RED DOT), BAC
- 4.5 Intercom system, inside out side, BINT
- 4.6 Electric power heated mirrors, BMIR

MUST BE FILLED IN  
FIRM (VENDORS) NAME \_\_\_\_\_ BID NUMBER \_\_\_\_\_

- 4.7 AC/DC power inverter, 3600 WATT, BPINV36
- 4.8 Two ballistic skid round shields, BBSRS2
- 4.9 Backup camera and monitor, BBU
- 4.10 Front mounted receiver / ram post / plate, BFRAM
- 4.11 On board SCBA system, includes bottled air w/ inside attach points, BSCBA
- 4.12 Passenger side personnel door, BPASEXD
- 4.13 Exterior armored stretcher compartment, doors both sides, BEXASC
- 4.14 Rear area jump seat with lap belt, BRJEAT
- 4.15 Heated windshield, BHW
- 4.17 Kussmaul super eject deluxe, BKUSS
- 4.18 Radiation detection package, BRAD
- 4.19 Rear tow hitch receiver with brake control, BRTOWR
- 4.20 Seven inch vertical gun-port, BGP7
- 4.21 XL package, 24" extended truck length with additional seating, BXL
- 4.22 Fold-up steel work table, BFSWT
- 4.23 Bedrock paint, BPJ
- 4.24 Advanced BMI MRAP gunner's seat, BCBMIGS
- 4.25 High intensity driving lights in front bumper, BHIL
- 4.26 Side area scene lights and led lights, 2 per side wall, BSL

MUST BE FILLED IN  
FIRM (VENDORS) NAME \_\_\_\_\_ BID NUMBER \_\_\_\_\_

**5.0 CAB & BODY EQUIPMENT**

**5.1 EQUIPMENT AND ACCESSORIES**

- 5.1.1** Provide manufacturer's highest output integral heater/air conditioner and defroster system available. A/C auto shut down, if available.
- 5.1.2** All gauges shall be electrical, illuminated, and shall include but not be limited to fuel, coolant temperature, oil pressure, ammeter / voltmeter, tachometer, speedometer and hour meter.
- 5.1.3** Provide two-speed electric windshield wipers with delay and windshield washer system.
- 5.1.4** Provide largest size dual, padded sun visors.
- 5.1.5** Provide dome light, door and switch activated.
- 5.1.6** Provide heavy duty turn signal indicator with transistorized flasher.
- 5.1.7** Provide assist handles, approx. 10 inches long, both sides, for ease of access and egress.
- 5.1.9 See Item 4.6**
- 5.1.10 Rustproofing**  
Areas to be rustproofed (wet, airless spraying, no mist applications) shall include but not be limited to:  
Light wells, doors, rocker panels, rear vertical door jambs, front pillars, fender and fender wells, entire underbody, etc.  
The rustproofing compound shall be in accordance with MIL SPEC QPL 62218, or latest revision.  
All surfaces shall be properly prepared and finished.  
Note: If rustproofing option is other than the above, submit detailed specifications of materials and processes for prior approval.
- 5.1.11** see para. 5.1.7
- 5.1.12** Provide AM/FM stereo radio, complete with antenna and two speakers.
- 5.1.13** Provide non-skid design surfaces, Grip Strut Grating type, for all exterior step surfaces. Provide two step entry.
- 5.1.14** Provide four (4) keys per vehicle. All units keyed alike.

MUST BE FILLED IN  
FIRM (VENDORS) NAME \_\_\_\_\_ BID NUMBER \_\_\_\_\_

**5.1.15** All glass to be tinted safety glass.

**5.1.16** Provide full, heavy duty rubber floor covering throughout.

**5.1.17** Provide a body builder connection box, with 4 OEM dash mounted switches.  
**ALL BODY WIRING CONNECTION SHALL USE OEM BOX**

**6.0 FRAME**  
AS PER BUILDER SPECIFICATIONS

**7.0 AXLES & SUSPENSION SYSTEMS**

**7.2** Provide heavy duty shock absorbers.

**7.4** Delete.

**7.5** Provide a 16,000 lb front drive axle.  
Provide a 23,000 lb rear drive axle.

**7.6** Provide driver controlled locking differential, with auto shut off at 15/20 MPH.

**7.7** Provide axles with piloted hubs.

**7.8** Provide synthetic oil, all axles.

**7.9** Provide a magnetic drain plug.

**8.0 BRAKES**

**8.3** Provide anti-lock brakes, all wheels.

**8.3.1** Front brakes, drum type, "S" cam type, fire and emergency severe service non asbestos lining, bolt on two (2) section, inspection covers / dust shields.

**8.3.2** Rear brakes, drum type, "S" cam type, fire and emergency severe service non-asbestos lining, bolt on two (2) section, inspection covers / dust shields.

**8.3.3** Provide automatic slack adjusters.

**8.3.4** Provide highest quality factory brake chambers.

MUST BE FILLED IN  
FIRM (VENDORS) NAME \_\_\_\_\_ BID NUMBER \_\_\_\_\_

**8.3.5** Provide 18.7 c.f.m. water cooled air compressor, gear driven if available.

**8.4** Provide an air dryer.  
**Ref: Bendix AD / IP or approved equal.**

**8.5** Provide a heated auto-bleeder on the wet tank.  
**Ref: Bendix DV-2 or approved equal.**

**9.0 ENGINE**

**9.2** Provide diesel engine, six (6) cylinder turbo charged, electronically controlled.  
380 HP approx.  
1050 lbs. ft. approx.  
**Ref: CUMMINS ISC-380**

**9.3** Provide heated fuel-water separator, with primer pump (if available).

**10.0 ENGINE EQUIPMENT**

**10.4** Provide an engine governor, to achieve a maximum road speed of approximately 60 mph. while fully laden (GVWR). The vendor shall supply performance curves or tables showing the proposed vehicle road speed and torque characteristics at various grades under fully laden conditions.  
**BIDDER INITIALS** \_\_\_\_\_

**10.6** Provide manufacturers engine protection/monitoring system.

**10.7** Provide engine block heater with not less than 1,000 watt, 110 volt, single phase, water jacket preheater.

**10.8** Provide a magnetic drain oil plug.

**10.9** Provide a engine exhaust brake.

**11.0 TRANSMISSION**

**11.1** Provide an automatic transmission, ALLISON 3000 EVS, 5 speed, compatible with all other drive train components.

**11.2** Provide **adequate transmission cooling for a severe operation.**

**11.2.1** Provide an external transmission oil cooler, separate from radiator.

MUST BE FILLED IN  
FIRM (VENDORS) NAME \_\_\_\_\_ BID NUMBER \_\_\_\_\_

- 11.3 Transmission operating instructions shall be permanently mounted inside the cab near the transmission shift pad.
- 11.4 Transmission selector shall be electronically controlled and dash-mounted with, shift-shock mechanism and oil level indicator.
- 11.5 Transmission selector shall be equipped with a neutral range inhibitor.
- 11.6 Transmission power take-off shall be connected through the neutral safety switch with over-speed protection via chassis ECM (if applicable.)
- 11.7 Provide synthetic transmission oil.
- 11.8 Provide a magnetic drain plug.
- 11.9 Provide transfer case shift control.

**12.0 STEERING**

- 12.1 Provide and install power steering, manufacturer's standard.
- 12.2 Provide tilt steering column.

**13.0 ENGINE COOLING SYSTEM**

- 13.1 All coolant hoses shall be heavy duty type, equipped with steel clamps.  
**Ref: EPDM, GATES BLUE STRIPE or SILICONE**
- 13.2 Provide long-lift antifreeze protection to -34 degrees Fahrenheit to meet Original Equipment Manufacturer's engine specifications.
- 13.3 Provide thermostatically controlled or viscous fan.

**14.0 ELECTRICAL EQUIPMENT**

- 14.1 Provide three batteries group 31 with the highest reserve capacity, 800 CCA each, min.  
Nominal System Voltage: 12 volt, negative ground  
All circuits shall be protected by circuit breakers or fuses.  
All wiring shall be color coded or number coded, protected by plastic loom and rubber grommets, where needed.
- 14.2 Provide a brushless alternator sufficient in capacity to support the electrical system specified, when used under severe conditions, 160 amps @ 1500 rpm, min.

MUST BE FILLED IN  
FIRM (VENDORS) NAME \_\_\_\_\_ BID NUMBER \_\_\_\_\_

**14.3** Provide a starter with over-crank protection.

**15.0 TIRES** *(ALL TIRES AND WHEELS SUPPLIED SHALL BE OF THE SAME MANUFACTURE)*

**15.2 - 15.4** Omit.

**15.5** Provide two spare tires, one front and rear mounted on same wheels as unit.

**15.6** Tires shall be of the "FIRST LINE" type shown below:

Front tires: 315/80R22.5, steel belted, 20 PLY

Goodyear - G291

Rear tires: 11R22.5, steel belted, 14 PLY

Goodyear – G622 RSD

**15.7** Provide BUDD type wheels only. Provide wheel spacer on between all hubs and wheels.

**16.0 FUEL SYSTEM**

**16.1** Provide 50 gallon minimum, aluminum safety step fuel tank, complete with a chained tank cap. Fuel tank shall be labeled "**DIESEL ONLY**".

**16.2** Provide a diesel engine fluid tank, as required.

**17.0 SAFETY EQUIPMENT**

**17.1** Provide fire extinguisher, ABC, 5 lb, cab mounted, including reflective triangle kit.

**17.2** Provide back-up alarm, ECCO, SA 907 series, or approved equal.

**17.3** OMIT

**17.4** Provide an air horn, controlled from inside the cab.

MUST BE FILLED IN  
FIRM (VENDORS) NAME \_\_\_\_\_ BID NUMBER \_\_\_\_\_

**18.0 (100% parts, labor and travel time with no deductible less wear items)  
LIST OF WEAR ITEMS SHALL BE SUPPLIED WITH BID.  
BIDDER INITIALS \_\_\_\_\_**

Engine

Base Coverage, Complete engine 2 years / 150,000 miles/ 10,800 Hours

Extended Coverage (After Base Coverage)

Covers all these components, including  
mounting hardware and gaskets; cylinder  
heads; rocker lever; Complete Fuel System; Complete Cooling System;  
ECM; ECM harness; turbo; fuel injectors; water pump; pistons, rings and liners; lube oil  
cooler; cylinder block; oil pan; connecting rod assembly; lube pump  
assembly; camshaft and bushings; cam followers;  
major cooled EGR components 3 years / 150,000

**Total Engine Coverage, base and extended 5 Years / 150,000 Miles / 10,800 Hours**

Differential 5 years / 100,000 miles

Transmission 5 years / Unlimited

Propeller shafts 5 years / 100,000 miles

Cab & Chassis (Bumper /Bumper)

2 years / Unlimited

All components ie: utilized in starting, charging, accessory  
systems including harness, sensors, modules cranking motors,  
alternator, regulators etc.

Body

2 years / Unlimited miles

All components: hardware, latches, wiring, lights, etc.

Cab & Chassis Structural 5 years / Unlimited miles

Body (Superstructure) 5 years / Unlimited miles

All added equipment 2 years / Unlimited miles

NOTE: All minor repairs (over four (4) labor hours) shall be performed within 2  
working days, Sundays excluded.

All major repairs shall be performed within 7 working days, Sundays  
excluded.

MUST BE FILLED IN  
FIRM (VENDORS) NAME \_\_\_\_\_ BID NUMBER \_\_\_\_\_

All warranty work performed by City forces will be billed at the rate of \$52.00/hour.

**BIDDER INITIALS** \_\_\_\_\_

Transportation to and from the vendor's site, if required, is the successful bidders responsibility. If transportation is performed by City forces it will be invoiced at **\$100.00/hour each direction, plus equipment as needed.**

**BIDDER INITIALS** \_\_\_\_\_

If the time intervals for minor and major repairs are exceeded, **the City of Philadelphia reserves the right to perform warranty work with direct invoicing to the successful bidder, not the manufacturer.**

**BIDDER INITIALS** \_\_\_\_\_

Copies of Warranty Repair Orders shall be forwarded to the Office of Fleet Management within five (5) days after completion of each repair, including all cost for parts and labor.

**BIDDER INITIALS** \_\_\_\_\_

**WARRANTY REGISTRATION**

The City of Philadelphia requires the successful bidder supply **WARRANTY REGISTRATION** of all warrantable components.

The warranty registration forms shall be supplied to the City, by the successful bidder, listing component description and serial number and chassis serial number. Each form shall require the signature of a representative of the City (OFM), the successful bidder and the subcontractor, where applicable.

If the successful vendor or their subcontractor supply a standard warranty registration form which includes disclaimers, the City reserves the right to refuse to sign. If no other registration form can be supplied the City shall sign the standard form as a **"REGISTRATION ONLY"**.

The City recognizes only the warranty terms cited in the Invitation to Bid and agreed to in the contract awarded to the successful bidder, under Warranty, section 18 and Engineering Responsibility & Chronic Complaints/Failures, Section 35.

The City reserves the right to hold final payment until all warranty registrations are completed and a copy of such registrations supplied to OFM.

**BIDDER INITIALS** \_\_\_\_\_

MUST BE FILLED IN  
FIRM (VENDORS) NAME \_\_\_\_\_ BID NUMBER \_\_\_\_\_

**19.0 PRE-PRODUCTION INSPECTION:**

**19.1** Provide the Office of Fleet Management two (2) pilot inspections (mid/final) at the body/up-fitters manufacture plant, for a total of six (6) people combined on the inspection trips. The successful bidder shall incur all expenses for lodging, meals, and transportation (transportation will be via air if more than 125 miles one way).

**21.0 QUESTIONS REGARDING BID**

All questions regarding Bid Specification should be directed to the Office of Fleet Management.

Bud Lipski, 215-686-1875 / E-Mail - [bud.lipski@phila.gov](mailto:bud.lipski@phila.gov)

Pete Baker, 215-686-1877 / E-Mail - [pete.baker@phila.gov](mailto:pete.baker@phila.gov)

**22.0 ILLUSTRATIONS & DRAWINGS**

**REQUIRED FOR THIS BID BIDDER INITIALS \_\_\_\_\_**

**24.0 CERTIFICATION OF COMPLIANCE WITH SPECIFICATIONS**

The bidder shall certify on the form furnished with the Invitation and Bid that the Truck, component units, and parts shall be suitable for the work to be performed and will be constructed to definite standard dimensions, with proper clearance and fits; that previously published or set ratings shall not arbitrarily be raised without prior approval of the manufacturer of the actual unit and further, that the truck offered shall comply in every respect with the terms of this specification. In the event that the truck offered does not comply with this specification, the bidder shall state definitely, referring to the proper paragraph of this specification, where the Truck he proposes to furnish does not comply. Where no statement is received, the successful bidder shall be required to meet every requirement of the specification.

**24.1 LEVEL “E” DOCUMENTATION**

Provide DOS level “E” documentation with bids.

**BIDDER INITIALS \_\_\_\_\_**

**25.0 REQUIREMENTS**

General - Though they shall not be specifically enumerated herein, all parts necessary to provide a complete and efficient truck shall be furnished. All parts shall conform to current engineering practices of the industry relative to design, strength, quality of material and workmanship. The City reserves the right, at its option alone, to accept trucks with minor deviations from this specification.

MUST BE FILLED IN  
FIRM (VENDORS) NAME \_\_\_\_\_ BID NUMBER \_\_\_\_\_

**26.0 MATERIALS**

The Truck and all parts thereof shall be made of materials which are suitable for the intended service and shall be produced by current standard manufacturing processes. The materials shall be free from characteristics or defects which affect the appearance or which shall affect the proper functioning of the finished product.

**27.0 GROSS VEHICLE WEIGHT AND DRY CHASSIS WEIGHT RATINGS**

These shall be as specified in the Invitation to Bid. The gross vehicle weight rating shall include the weight of the complete chassis and cab with all attachments, accessories, and equipment required by this specification, and the body with its rated load, full complement of fuel, lubricants, coolant and the operator.

**30.0 SHIPMENT AND DELIVERY**

**30.1** Delivery Information - Final Delivery shall be made between the hours of 8:00 AM and 3:30 PM, Monday through Friday, except City Holidays. Each unit shall be accompanied by a Delivery Slip which will contain the City's Bid Number, Item Number, Purchase Order Number, and Serial Number of the Unit.

**VENDOR MUST NOTIFY OFM, THIRTY (30) DAYS PRIOR TO MAKING ANY DELIVERY.**

DELIVERY CONTACT PERSON:                   PETE BAKER (215-686-1877)  
  BUD LIPSKI (215-686-1875)  
  OFFICE OF FLEET MANAGEMENT  
  100 S. BROAD STREET, 3RD FLOOR  
  PHILADELPHIA, PA 19110

DELIVERY LOCATION:                           OFFICE OF FLEET MANAGEMENT  
  SHOP 415  
  3895-99 RICHMOND STREET  
  PHILADELPHIA, PA 19137  
  215-685-1232

**30.3 DELIVERY CONDITIONS**

**30.3.1** Vehicles, regardless of delivery point, shall be ready for use including all lubricants, coolant and operating fluids as required, minimum of 30 gallons of diesel fuel, equivalent amount of diesel engine fluid, if required. Battery shall be fully charged, tires properly inflated.

MUST BE FILLED IN  
FIRM (VENDORS) NAME \_\_\_\_\_ BID NUMBER \_\_\_\_\_

**31.0 INSPECTION**

**31.1 Pennsylvania State Inspection (If Required)**

Each vehicle shall pass the Vehicle Code Examination of the Department of Transportation, Commonwealth of Pennsylvania; when delivered, chassis vendor shall have attached current State Inspection Stickers in the proper location.

**31.2 Exhaust Emissions Inspection (If Required)**

All vehicles with GVW's subject to the provisions of the Pennsylvania Department of Transportation exhaust emission regulations must meet said requirements and have the appropriate sticker affixed to the windshield, along with the State Vehicle Inspection Sticker, when the vehicle is delivered to the City.

**31.3 City Inspection - City Inspection of delivered vehicles will be conducted at the specified delivery point. It will be conditioned upon the satisfaction of all of the requirements of this specification and the Invitation to Bid.**

Upon **final delivery to the City**, any vehicle(s) not meeting the requirements of the specification and the Invitation to Bid will be rejected. All rejected vehicles must be removed from the City's equipment delivery location within 48 hours of notification to the bidder / vendor.

**BIDDER INITIALS** \_\_\_\_\_

Upon **final delivery to the City**, in addition to liquidated damages (if applicable), the City at its sole discretion will charge the vendor / successful bidder a re-inspection fee of \$150.00 for each occasion a vehicle(s) / equipment not meeting the requirements of the specification and the Invitation. This re-inspection fee will be assessed each occasion a unit must be re-inspected.

This re-inspection fee will be deducted from the invoice for unit(s) not meeting the requirements of the specification and the Invitation to Bid.

**BIDDER INITIALS** \_\_\_\_\_

**31.4 OFM, Bureau of Quality Assurance, shall be notified when the Pilot or First Production Model is available for inspection.**

**32.0 CERTIFICATIONS & MANUALS (PER ORDER)**

**32.2 Provide the necessary documents for the City to take Title to the vehicle in accordance with the Pennsylvania Motor Vehicle Code.**

**ALL THE ITEMS, INVOICE (STATE ORIGINAL), MSO, MV-1 (COMPLETED), COPY OF THE SECOND STAGE STICKER) ARE TO BE**

MUST BE FILLED IN  
FIRM (VENDORS) NAME \_\_\_\_\_ BID NUMBER \_\_\_\_\_

**HAND DELIVERED FOURTEEN (14) DAYS PRIOR TO DELIVERY TO:**

**CITY OF PHILADELPHIA  
 OFFICE OF FLEET MANAGEMENT  
 BUREAU OF QUALITY ASSURANCE  
 100 S. BROAD STREET, 3RD FLOOR  
 PHILADELPHIA, PA 19110**

**32.3** Operation, Maintenance and Repair Data

Prior to the delivery of the first units, the vendor shall forward directly to the Office of Fleet Management, Maintenance, Operating and Repair manuals and Parts Lists as specified below. The manuals shall be shipped separately to OFM 100 S. Broad Street 3rd Floor, Phila, Pa. 19110 and not with the units. All manuals shall be in the form of neatly bound books, with durable covers, and shall be properly identified with the manufacturer's name, model and serial number of the equipment.

The operating and maintenance or shop manuals shall be the latest manufacturer's handbook, covering in detail the recommended operating, maintenance and service procedures.

Where components or equipment of several manufacturers have been used in manufacturing the unit, the manuals shall include operating, maintenance and repair information and parts lists of all manufacturers covering all of the components used. Where the vendor or manufacturer uses components manufactured by other in building equipment which he sells under his own trade name, he shall furnish the parts numbers and full data of the original manufacturers of all components used, where possible, as well as the part numbers he may assign to these components as being parts of his product.

**32.3.1** One (1) set of manuals (DVD's) shall be furnished for each ordered.

Each manual shall cover chassis, superstructure, engine, transmission, differential, hydraulic system and all other added equipment. Operating Instructions and schematics including:

- |                          |                          |
|--------------------------|--------------------------|
| Maintenance Instructions | Emission Diagrams        |
| Repair Instruction       | Electric Wiring Diagrams |
| Parts Information        | Collision                |

Provide an eight year subscription to all manufacturer issued Service Bulletins (two for each vehicle supplied under this order)

MUST BE FILLED IN  
 FIRM (VENDORS) NAME \_\_\_\_\_ BID NUMBER \_\_\_\_\_

**32.3.2 Preventive Maintenance Instructions**

In addition to the manuals specified above, the vendor shall furnish an equal number of condensed Preventive Maintenance Instructions for all parts of the unit. These instructions shall consist of manufacturers' recommendations for periodic lubrication, cleaning and other preventive maintenance services, and shall be made up in a compact form covering the particular unit delivered.

**32.3.3 Recommended Spare Parts**

The vendor shall furnish with each service manual a list of recommended spare parts. The list shall include all necessary data for ordering the parts, even if originally furnished by other manufacturers.

The vendor warrants that they shall maintain or have maintained a stock of repair parts within the Philadelphia Metropolitan area at inventory levels for the period described hereafter:

The manufacturer shall supply, through a dealer, a published price list for spare parts required to support the units to be manufactured hereunder for ten (10) years from the date of delivery of the last unit.

Technical and field service support shall be provided by the vendor, if necessary. This support shall be by personnel qualified to advise on training, repair and maintenance of the equipment. The technical representatives shall be available in the Philadelphia Metropolitan area when required by the City.

The repair or shop manuals shall include but not be limited to detailed drawings, electric, pneumatic and/or hydraulic schematics, piping diagrams and other pertinent information.

**33.0 SIGNS**

Signs, decals, and etc. showing dealers name and/or address, shall not be permitted on the outside of the unit.

**33.1** Manufactures name (s), address and striping shall be removed before delivery.

**34.0 INSTRUCTIONS & TRAINING (PER-ORDER)**

The vendor shall furnish three (3) video training DVD's, covering the following subjects (if available):

- Operator Training
- Routine Maintenance
- Preventive Maintenance

MUST BE FILLED IN  
FIRM (VENDORS) NAME \_\_\_\_\_ BID NUMBER \_\_\_\_\_

If the vendor does not have video training DVD's available at the time of the bid opening, it shall be acceptable to the City that the vendor tape the training sessions at the time of the training, making three (3) copies available to the City.

In addition, the vendor shall instruct City employees in the operation, servicing and maintenance of the units or equipment delivered at the following City facilities and at such times as the Engineer may designate, all within thirty (30) days after final acceptance of the first unit.

**34.1** Operators      Location to be determined  
One Day Program

**34.2** Technician      **OMIT**

**35.0 ENGINEERING RESPONSIBILITY & CHRONIC COMPLAINTS/FAILURES**

The term **CHRONIC COMPLAINTS/FAILURES**, as used herein, shall mean that the same component, sub-component, assembly or part, such as an engine, transmission, differentials, hydraulic system, pumps, etc. including valves, controls, water pumps, high pressure water systems, etc. develops repeated defects, breakdowns, and/or malfunctions.

The responsibility for the design of this equipment shall rest upon the successful vendor, and they shall consider all elements of operation for which the warranty shall apply. The successful vendor shall be responsible for the compliance and performance of each subcontractor, including all suppliers.

Where the equipment, units and/or sub-components develop **CHRONIC COMPLAINTS /FAILURES** during service operations, the successful vendor will be required to make any engineering design changes, repairs, alterations, retrofits or to make an adequate heavy duty redesign of any component so as to properly correct and continue to render continuous, durable and safe performance. Warranty periods shall be for an additional one year, measured from the completion date of any corrective measures. This additional warranty shall not expire at the end of the initial warranty period even when the correction is performed in the last days of the original, stated, warranty period.

Minor items or ordinary service adjustments are not included nor considered under this scope of **CHRONIC COMPLAINTS/FAILURES**. Conditions caused by other factors such as operational damage due to accidents, vandalism, misuse, or lack of proper maintenance, service, lubrication as prescribed or recommended by the Original Equipment Manufacturer (OEM), are also excluded.

Records and reports will be maintained by the Office of Fleet Management and will be made available for the successful vendors periodic examination relative to **CHRONIC COMPLAINTS/FAILURES**.

MUST BE FILLED IN  
FIRM (VENDORS) NAME \_\_\_\_\_ BID NUMBER \_\_\_\_\_

The successful vendor shall provide written reports to the City, detailing the action taken as a result of a notice of complaint describing the failure. Any written notices of complaints or field action with corrections made, shall be forwarded directly to the Office of Fleet Management, 100 S. Broad Street, 3rd Floor, Philadelphia, PA 19110, Tel. (215) 686-1825, FAX (215) 686-1829, in numbered report identifying the vehicle's property number, part or serial number of the failed component, with copies to the Engineering Section, same address.

For a fair and equitable evaluation of the **CHRONIC COMPLAINT/FAILURE**, the successful vendor, when notified of service difficulties, will be permitted to make detailed studies, analyze operational conditions and will have access to the equipment in order to make recommendations for corrections so as to obtain the desired safe and durable mechanical performance.

To reduce or eliminate **CHRONIC COMPLAINTS/FAILURES** on equipment, the City, as part of this contract, shall designate a Technical Review Committee, consisting of the Fleet Manager, Fleet Engineer, Deputy Fleet Manager and Operations Manager of the affected equipment, to review, analyze and evaluate any successful vendors remedies.

In the event the successful vendor fails to address, or make the proper changes, repairs, modifications, retrofits, or does not render field service after written notice, or unnecessarily delays any actions, the Office of Fleet Management shall have the option of seeking appropriate restitution for loss of production.

The successful vendor shall also be subject for Loss of Use, in the form of rental, lease payments, or a \$200.00 per day fee, while a vehicle is rendered unserviceable or out-of-service.

MUST BE FILLED IN  
FIRM (VENDORS) NAME \_\_\_\_\_ BID NUMBER \_\_\_\_\_