

Overview for Contract

Prior to utilizing a contract, the user should read the contract in it's entirety.

DESCRIPTION

This contract covers the requirements of the Commonwealth Department of Transportation for Work Zone Traffic Protection Equipment which includes:

- Truck-mounted attenuators.
- Trailer-mounted, all-weather, speed display signs.
- Trailer-mounted, solar, full matrix, variable message boards.
- Vehicle-mounted, full matrix, all-weather, changeable message signs.
- Work zone alert radios.

CONTRACT INFO

Contract Number & Title	Legacy Contract 9905-07 Work Zone Traffic Protection Equipment
Number of Suppliers	8
Validity Period	Renewed through March 31, 2007 (no renewals remaining)
DGS Point of Contact	Robin Morse
Contact Phone# Email	(717) 346-8180 Rmorse@state.pa.us

PRICING HIGHLIGHTS

- Line item contract – items and prices awarded shall remain firm for the length of the contract.
- All items to be in accordance with the contract Specifications.
- Awarded contractors must deliver within 90 days after receipt of order, except for the CB Traffic Radio which is required to be delivered within 30 days after receipt of order.
- Minimum order: one (1) unit per order.
- Warranty – as per Special Contract Terms And Conditions.

PROCESS TO PURCHASE

- Determine type of equipment needed and technical requirements.
- Download statewide contract 9905-07 from within the Procurement link on the DGS website – www.dgs.state.pa.us
Review the Item Sheets to identify the manufacturers and items offered by the different contractors.
- Research and determine which, if any, OEM units covered by the awarded contract line items meet your needs. Call, fax, mail or email the contractor's contact person listed on the applicable Item Sheet to request assistance, information, and/or catalogs.
- Evaluate the units offered and determine which one(s) will represent your "best value" and satisfy your requirements. Place purchase order in accordance with the contract terms and conditions.

SPECIAL CONTRACT TERMS AND CONDITIONS

CONTRACT SCOPE/OVERVIEW: This Contract (identified here and in the other documents as the "Contract") will cover the requirements of Commonwealth Department Of Transportation for **The Work Zone Traffic Protection Equipment Contract**.

ORDER OF PRECEDENCE: These Special Contract Terms and Conditions supplement the Standard Contract Terms and Conditions For Statewide Contracts for Supplies. To the extent that these Special Contract Terms and Conditions conflict with the Standard Contract Terms and Conditions For Statewide Contracts for Supplies, these Special Contract Terms and Conditions shall prevail.

TERM OF CONTRACT: The Contract shall commence on the Effective Date, which shall be no earlier than 4/1/05 and expire on 3/31/06.

OPTION TO EXTEND: The Department of General Services reserves the right, upon notice to the Contractor, to extend the Contract or any part of the Contract for up to three (3) months upon the same terms and conditions. This will be utilized to prevent a lapse in Contract coverage and only for the time necessary, up to three (3) months, to enter into a new contract.

OPTION FOR SEPARATE COMPETITIVE BIDDING PROCEDURE: The Department of General Services reserves the right to purchase supplies covered under this Contract through a separate competitive bidding procedure, whenever the department deems it to be in the best interest of the Commonwealth. The right will generally be exercised only when a specific need for a large quantity of the supply exists or the price offered is significantly lower than the Contract price.

DELIVERY: Awarded vendors s must deliver within **90 days after receipt of order, except for the CB Traffic Radio which would be 30 days after receipt of order.** . To accomplish this, vendors will need to keep sufficient materials in stock at all times.

DELIVERY LOCATION: All deliveries shall be made FOB Destination Pennsylvania Department of Transportation, Equipment Division, 17th and Arsenal Boulevard, Harrisburg, PA 17120; Monday thru Friday; 8:30 AM to 3:00 PM; Telephone (717) 783-1395.

MINIMUM ORDER: One (1) Unit per order.

WARRANTY: The manufacturer ("Company") shall warrant to the original purchaser, sold direct or through an authorized dealer, that equipment manufactured by the "Company" will be free from defects in workmanship and materials for a period of one (1) year (2 years for the Trailer Mounted Message Boards and Speed Display Sign/Trailer) from the date of invoice, provided that such equipment is installed, operated and maintained in accordance with the "Company's" written recommendations. Notice of defect must be given in writing to the "Company" within 10 days of discovery. **All warranty repair work shall include 100% Parts and Labor.**

LIQUIDATED DAMAGES: If any item is not delivered within the time limits specified, the delay will interfere with the proper implementation of the Commonwealth's programs utilizing the item to the loss and damage of the Commonwealth. From the nature of the case it would be impractical and extremely difficult to fix the actual damage sustained in the event of any such action. The Commonwealth and the awarded vendor, therefore, presume that in the event of any such delay the amount of damage which will be sustained from a delay will be \$25.00 per calendar day, and they agree that in the event of any such delay, the awarded vendor shall pay such amount as liquidated damages and not as a penalty. The Commonwealth at its option for amounts due the Commonwealth as liquidated damages may deduct such from any money payable to the awarded vendor or may bill the awarded vendor as a separate item. The Commonwealth shall notify the awarded vendor in writing of any claims for liquidated damages pursuant to this paragraph before the date the Commonwealth deducts such sums from money payable to the awarded vendor. All claims for liquidated damages will be processed through the Department Of General Services.

Provisions for Piggybacking Off of This Contract: In addition to Commonwealth agencies, Act 57 of May 15, 1998, as amended by Act 142 of 2002, permits local public procurement units to participate in those contracts for supplies, services, or construction entered into by the Department of General Services that are made available to public procurement units. A "local public procurement unit" is defined as:

- 1) any political subdivision;
- 2) any public authority;
- 3) any tax exempt, nonprofit educational or public health institution or organization;
- 4) any nonprofit fire company, nonprofit rescue company or nonprofit ambulance company;
- 5) and to the extent provided by law, any other entity, including a council of governments or an area government that expends public funds for the procurement of supplies, services and construction.

Those local public procurement units listed above, and any other Commonwealth purchasing agencies, which issue orders under the contract are intended beneficiaries under the contract and are real parties in interest with the right to sue and be sued without joining the Commonwealth of Pennsylvania Department of General Services as a party.

Local public procurement units, and any other Commonwealth purchasing agencies, that elect to participate in the contract will order items directly from the contractor and will be responsible for payment directly to the contractor.

Political Subdivisions Public Authorities, And Other Commonwealth Purchasing Agencies:

If your firm is awarded a contract, does it agree to sell the awarded items at the same prices and/or discounts, and in accordance with the contractual terms and conditions, to political subdivisions and public authorities and any other Commonwealth purchasing agencies that elect to participate in the contract?

Please Answer: YES X NO ____

Other Local Public Procurement Units:

If your firm is awarded a contract, does it agree to sell the awarded items at the same prices and/or discounts, and in accordance with the contractual terms and conditions, to all other local public procurement units other than political subdivisions and public authorities which elect to participate in the contract?

Please Answer: YES X NO ____

OPTION TO RENEW: This contract or portions thereof may be extended by mutual consent of the Commonwealth and Vendor for an additional 1-year period.

EXCLUSION FOR AGENCIES USING FEDERAL ASSISTANCE MONIES:

Federal assistance agreements require the Pennsylvania Department of Transportation ("PennDOT") and other Pennsylvania state and local transportation entities to comply with federal Disadvantaged Business Enterprise ("DBE") participation requirements as defined in federal law and in regulations set forth in 49 C.F.R. Part 26 when federal assistance monies are used for any procurement. Therefore, unless the purchasing agency is satisfied that the Contractor(s) will meet federal DBE requirements, these entities may be prohibited from procuring under this Contract utilizing federal assistance monies. Federal DBE participation requirements are separate and distinct from any Disadvantaged Business participation provisions that have been included in the request for proposal and contract pursuant to the Commonwealth of Pennsylvania's program to increase contract participation by Department of General Services-certified Minority Business Enterprises and Women Business Enterprises and other disadvantaged businesses. In those limited instances, when PennDOT or another state or local transportation entity intends to use federal assistance monies for a procurement, the Contractor(s) acknowledges that these entities may enter into additional separate contracts for the procurement of goods and/or services covered under this Contract, without limitation or penalty, to the extent that such separate procurements are funded with federal assistance monies and when compliance with federal DBE participation requirements is necessary.

INQUIRIES: Direct all questions concerning this contract to the appropriate commodity specialist named herein:

Lisa A. Vega
Phone : 717-346-4290
E-mail : lvega@state.pa.us



COMMONWEALTH OF PENNSYLVANIA
PENNSYLVANIA COMMERCIAL ITEM DESCRIPTION (PCID)

GENERAL REQUIREMENTS FOR BIDDING PennDOT VEHICLES/EQUIPMENT

(This item description supersedes PCID No. 1075 eff. 6/21/02)

PCID NO. 1075
Eff. June 25, 2003

These General Requirements shall apply to all on-road and off-road vehicles, highway equipment, agricultural equipment and construction equipment, procured for use by the Department of Transportation, Commonwealth of Pennsylvania (PennDOT). These requirements are in addition to any supplemental specifications identified in the invitation for bids. The following shall be considered MINIMUM requirements.

A. STANDARDS, CODES, RULES, REGULATIONS:

1. Each vehicle or unit of equipment shall conform to any and all requirements contained in the Pennsylvania Motor Vehicle Code.
2. Each vehicle or unit of equipment shall comply with all current applicable Federal Motor Vehicle Safety Standards, Federal and Pennsylvania Exhaust Emission and Noise Standards, and EPA and OSHA requirements. The appropriate decals indicating compliance shall be affixed to the vehicle/equipment.
3. Each vehicle or unit of equipment shall be manufactured in accordance with any codes, standards and engineering practices as recommended by the following professional organizations for the specific vehicle/equipment:

American Institute of Steel Construction (AISC)
American National Standards Institute (ANSI)
American Society of Mechanical Engineers (ASME)
American Society for Testing and Materials (ASTM)
American Trucking Association (ATA)
American Welding Society (AWS)
American Wood-Preservers Association (AWPA)
Battery Council International (BCI)
British Standards Institute (BSI): Limits and Fits
Compressed Air and Gas Institute (CAGI)
Industrial Fastener Institute (IFI)
International Standards Organization (ISO)
Joint Industrial Council (JIC)
National Fire Protection Association (NFPA)
National Truck and Equipment Association (NTEA)
Power Crane and Shovel Association (PSCA)
Society of Automotive Engineers (SAE)
Society of Manufacturing Engineers (SME)
Steel Structure Painting Council (SSPC)
Tire and Rim Association (TRA)

B. COMPONENTS, PARTS AND ACCESSORIES:

1. When "No Substitute" components, parts or accessories are designated, only this type of component, part or accessory is acceptable.

2. All equipment and parts furnished shall be of the manufacturer's most current design, shall be included in its most current published list of models in stock and shall satisfy, these specifications.
3. The same model components shall be utilized on all units supplied by the successful bidder under the specifications.
4. All electronic systems associated with the vehicle/equipment shall be properly insulated so as not to not cause any interference with the operation of the vehicle or the land mobile radio communications system, when properly installed in the vehicle.
5. Power systems must be compatible with the engine, transmission, axles, hydraulic system and power steering, etc., in order to meet the requirements specified herein.
6. Vehicles shall meet the maximum gradeability of the manufacturer when loaded to maximum Gross Vehicle Weight Rating ("GVWR") without exceeding the engine manufacturer's recommended maximum revolutions per minute ("RPM") based on maximum net torque.
7. The ratio of the rear axle and transmission shall be geared to maintain a road speed of approximately 65 mph on a level road, when operating at maximum GVWR without exceeding the recommended engine rpm figure. This is not applicable to construction type equipment.

C SITE VISITS:

Prior to submission of its bid, a bidder may contact PennDOT and schedule a site visit to inspect vehicles/equipment (as available) in PennDOT's current inventory in order to further clarify any drawings, pictures and specifications. Units may be available in the field for bidders to inspect at one or more of PennDOT's Maintenance Districts, but the Commonwealth makes no guarantee that any particular vehicle/equipment shall be located at a site convenient to the bidder's place of business. The site visit must be scheduled with the Equipment Division by calling (717) 787-1567. It is the bidder's responsibility to complete the site visit in time to submit a bid. All travel will be at the bidder's expense.

D. ON BOARD VEHICLE/EQUIPMENT REQUIREMENTS:

1. Each vehicle and unit of equipment shall include the proper forms to apply for a Pennsylvania title and license. These forms will include: the original manufacturer's statement of origin signed by the successful bidder and notarized. All title papers shall be properly prepared and executed. The application for title, Form MV-1 shall indicate the name and address exactly as follows: Pa. Dept. of Transportation, Equipment Division, 17th Street and Arsenal Blvd., Harrisburg, PA 17120 (ATTN: Specifications Unit).
2. Trucks and trailers shall be certified to meet or exceed requirements to obtain a Pennsylvania license. For medium and heavy-duty trucks and vans, the GVWR shall be identified in the vehicle's cab as the final complete certification label (minimum rating). The Gross Combined Weight Rating (GCWR) shall be identified by decal in the cab to indicate the approved weight, which can be towed, if applicable.
3. Vehicles designated for on-road use shall meet the following requirements:
 - a. Shall have a valid Pennsylvania state inspection sticker.
 - b. Shall have completed the manufacturers' recommended pre-delivery service.
 - c. Shall have the vehicle manufacturer's model name and model number stated on a decal affixed to the inside of the driver's side door.
 - d. Shall be clean, lubricated, serviced, gas tank filled to full recommended capacity, all adjustments completed, all mechanical and electrical motors and components fully functional and operational, and the vehicle will be "road ready" for immediate use.
 - e. Shall have appropriately placed decals indicating the types of required fuels or lubricants and the capacity of each fluid's reservoir that is required by the vehicle.

- f. Shall have permanent antifreeze in each vehicle to protect it at a level of -35°F. Only a low silicate type anti-freeze will be used for vehicles having diesel engines.
- g. Shall be free from all dealer signs/emblems.
- h. Shall have all required rust proofing applied to the exterior and underside of the vehicle. No rustproofing compound can be on the personnel compartment's items or the exterior of the body in unsightly or unintended areas.
- i. Shall include a copy of the manufacturer's warranty and service policy with all warranty vouchers, certificates and coupons.
- j. Shall have each vehicle and major component identified with a metal identification tag that provides the OEM's name, model number and individual serial number. Tags will be affixed in an accessible and readable position on the item.

The above items are pre-delivery service items, and bidders should not misconstrue these requirements with warranty problems that arise after the Commonwealth accepts the completed unit which complies with the written specifications.

All charges for any of the aforementioned administrative and technical services and equipment are considered minimum acceptable requirements for delivery and shall be included in the bid price.

E. GENERAL WARRANTY REQUIREMENTS

The following warranty requirements are considered minimum unless otherwise stated in the invitation for bids. If the manufacturer's standard warranty exceeds the specified warranty, the manufacturer's standard warranty will apply. Manufacturer's warranty shall be provided in written or electronic form. All warranties will cover all labor and parts replacement during the warranty period, except as may be otherwise stated below or in the invitation for bids. This warranty, however, does not include items that must be replaced through ordinary wear and tear, but those parts ordinarily replaced through the servicing program will be replaced as part of the servicing program of equipment/vehicles, if appropriate. Parts replaced under this warranty will be of original equipment manufacturer (OEM) quality or higher. Service to the vehicle/equipment will be at a level to maintain or meet the manufacturer's requirements to sustain the warranty.

1. MEDIUM DUTY/HEAVY DUTY CAB & CHASSIS (19,501# GVWR or higher):

The chassis manufacturer's service and warranty program shall be for one (1) year or 12,000 miles (whichever first occurs).

2. LIGHT DUTY TRUCKS & VANS (up to 19,500# GVWR):

The chassis and cab manufacturer's service and warranty program shall be for three (3) years or 36,000 miles (whichever first occurs), including powertrain. A two (2) year, unlimited mileage warranty is acceptable in lieu of a three year, 36,000-mile warranty. The vehicle shall be certified as having a capacity of towing 1,000 pounds without voiding the warranty.

3. CONSTRUCTION EQUIPMENT: The construction and agricultural equipment manufacturer's service and warranty program shall be for a minimum of two (2) years or four thousand (4,000) hours whichever first occurs.

4. ADDITIONAL SPECIFIC WARRANTY ITEMS (Applies to light, medium and heavy duty trucks only)

a. RUST PROOFING WARRANTY

Cabs/cowls shall be warranted for five (5) full years with no mileage or hourly limitations. This will include rusting through or perforation from within. This warranty and service program covers both

labor and parts for the full warranty period. Surface rust caused by chip, scratches, or damage caused by PennDOT employees is not covered by this warranty.

b. FRAME RAILS AND CROSSMEMBERS (Chassis)

For medium/heavy duty trucks, frame rails and cross members are warranted for five (5) full years with no mileage or hourly limitations. This warranty covers both parts and labor for the full warranty period. For light duty trucks and vans, the manufacturer's standard frame rail and crossmember warranty is acceptable.

c. FLAT BED WARRANTY

A vehicle's flat bed shall be warranted for three (3) years. This warranty covers both parts and labor for the full warranty period. A decal will be placed on the inside driver's door stating the warranty's terms and the name, address and telephone number of the contact person to initiate warranty claim services.

d. SERVICE/UTILITY BODY AND ASSOCIATED COMPONENTS WARRANTY

Fiberglass bodies will be warranted for five (5) years to include color fading. Steel service and utility bodies shall be warranted for five (5) years against defects and corrosion, including rust through or perforation from within. Surface rust caused by chip, scratches, or damage caused by PennDOT employees is not covered by this warranty. Associated components such as cranes, air compressors, and snowplows shall be covered by manufacturer's standard warranty. Manufacturer's standard warranty shall be provided in written or electronic form.

e. ENGINE AND TRANSMISSION WARRANTY

The engines for all Heavy/Medium Duty equipment/vehicles will be warranted for parts and labor for five (5) years or 150,000 miles (whichever first occurs). The engine warranty will include all items named or included within the valve covers, cylinder heads block, oil pan and injection pump. The transmission (automatic/manual) will be fully covered by the warranty and service program for two (2) years and will not be limited by mileage or hours. For light duty trucks and vans, the manufacturer's standard frame engine and transmission warranty is acceptable

f. WARRANTY CARD PROCEDURES

The successful bidder shall complete the warranty card except for the warranty start date. The PennDOT Equipment Division shall inform the successful bidder of the following: model number of vehicle; serial number of vehicle, equipment number, and location assigned; date released to the counties.

F. PILOT MODEL:

PennDOT reserves the right to require the successful bidder to make mutually agreeable arrangements to deliver a "pilot model" for initial inspection. Pilot models(s) shall be delivered to the Department of Transportation, 17th St., & Arsenal Blvd., Harrisburg, PA 17120 for inspection, testing and approval. The remaining units shall not be delivered for inspection, testing and approval until after the pilot model has been accepted by PennDOT. The remaining units shall fully meet the requirements of the specifications and must be indistinguishable from the approved pilot model. Presentation of a pilot model will not be required if the quantity is only one (1) unit. The pilot model must meet all the mechanical requirements of the specifications. PennDOT may field test the equipment to determine if it meets the performance requirements of the specifications. Performance testing results will normally be completed within two (2) weeks of date of delivery. There are administrative items that are required to be presented at the pilot model inspection. It is imperative that all of these items be presented at this time so they are ready for shipment, when the balance of the units are delivered. PennDOT may withhold payment, where deemed necessary, pending receipt of these items. PennDOT disclaims any liability for damage to equipment that has not been unconditionally accepted by the PennDOT.

G. DELIVERY:

Time is of the essence. All units must be delivered within the number of days, specified in the invitation for bids, after receipt of the purchase order by the successful bidder. It shall be assumed by the parties that the successful bidder received the purchase order on the third business day following the date of the purchase order, unless the successful bidder provides credible evidence that the order was received on a later date. Bidders must specify delivery time in their bid. Phrases such as "as required", "as soon as possible", or "prompt" have no meaning and may be cause for rejection of the bid. The successful bidder shall deliver at ground level the complete unit(s) to the Equipment Division, 17th Street and Arsenal Blvd. Harrisburg, PA 17120. All deliveries shall be made on a working day between 7:00 AM and 3:30 PM. There is a loading dock at this location; however, any additional unloading cost shall be borne by the successful bidder. The terms of delivery are also controlled by other provisions in the invitation for bids.

The successful bidder shall submit to the PennDOT "on a continuing basis", all service bulletins and technical letters as regularly issued by a manufacturer to dealers or large fleets. All the relevant information shall be supplied for the unit(s) forwarded to the Commonwealth to inform PennDOT of any improvements, changes and/or problems concerning the unit and its component parts. This information shall be addressed to the Pennsylvania Department of Transportation, Equipment Division, 17th St. & Arsenal Blvd., Harrisburg, PA 17120, ATTN: Chief, Equipment Division. PennDOT reserves the right to have its representative(s) periodically inspect each unit during assembly at the successful bidder's assembly point.

H. PROCEDURE FOR IMPLEMENTING REPAIRS:

In the event that a breakdown occurs, the repair work is to be performed by the successful bidder of record or his duly authorized representative within the Commonwealth. A copy of the successful bidder's work orders shall be supplied to the PennDOT County Equipment Manager and District Equipment Manager. Repairs assigned to the successful bidder can be performed at the successful bidder's place of business, at his duly authorized representative's place of business and, whenever possible, at the county maintenance facility or field locations. If services are to be performed at PennDOT's county maintenance facilities or in the field, the successful bidder must provide proof of insurance as stated in the contract attachments. County Equipment Managers shall notify the successful bidder or his duly authorized service representatives that the vehicle/equipment is down for component repairs and follow PennDOT standard procedure for handling warranty problems in accordance with the benefits of this warranty. At this time of notification, the location of repair is to be mutually agreed upon based on the most timely and cost effective basis to the Department. All work orders against the warranted repair shall be kept in PennDOT's Equipment History File at the county maintenance facility.

When repairs are to be performed at the successful bidder's place of business or his duly authorized representative's place of business, transportation of the vehicle/equipment within the Commonwealth of Pennsylvania shall be made by PennDOT. If determined by PennDOT that repairs cannot be handled within the Commonwealth, then transportation to and from the Commonwealth of Pennsylvania shall be the responsibility of the successful bidder.

I. LUBRICATION AND COMPONENT INFORMATION:

The successful bidder shall provide lubrication and component information (as applicable) upon request by PennDOT. This information may be provided by copying and completing the sample forms attached to this document, or may be presented on forms prepared by the successful bidder and/or manufacturer. (see attached sample forms – 4 pages).

J. SUCCESSFUL BIDDER'S RIGHTS:

The successful bidder shall have the right to make periodic inspections to ascertain that the maintenance techniques and/or repair procedures are being administered in accordance with the guidelines set forth in this document. Preventive maintenance shall be performed by PennDOT in accordance with the component manufacturer's recommended procedures, or as modified during the contract through supplements. All internal parts of the components shall be the repair responsibility of the successful bidder, except maintenance adjustments.

APPROVALS:

Quality Assurance Specialist: Craig E. Wolford, CPPB

Quality Assurance Supervisor: Tom DiMartile, CPPB

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

Sample Forms (Instruction Sheet)

The Following Documents Shall Be Completed And Emailed / Shipped To

Email: Contact the Automotive Equipment Specialist @ The Equipment Division @ 717-783-1395 (This is an Excel Spread Sheet, a Work Copy will be Emailed to You)

**Mail: Equipment Division
17th & Arsenal Blvd.
Harrisburg, Pa. 17120
Attn: Specifications Division**

Note: These Forms Must Be Delivered to The Equipment Division With The Pilot Model!

**Instructions To Vendor For Completing The Attached Form
(We Would Prefer Having This Completed Electronically)**

Electronic:

- 1. Obtain Work Copy By Calling 717-783-1395**
- 2. All Sections Are to be Filled Out**
- 3. Insert N/A in All Sections That Do Not Apply, Do Not Leave any Sections Blank**
- 4. Manufacturer, Model No. And Part No. Should Reflect The Actual Component Manufacture**
- 5. Warranty Section Should Reflect The Coverage, The Vendor And/Or Equipment (Truck) Manufacturer Will Supply, Not The Component Manufacturer.**

Paper:

- 1. Same As Above, but Type or Print All Information**

SPEC SHEET		
Equipment # Series	Effective Date	
PO Number	Unit Warranty Period	
Year	Engine Manufacturer	
Make	Engine Model	
Model		
VIN Number		
Vendor	Trans. Manufacturer	
Contact Person	Trans. Model	
Contact Phone Num.	Body Manufacturer	
	Body Number	

Oils & Lubes		Filters	Qty. of Filters	Part Number	Com. Code 2810-	Make	Change Interval	Filters Stocked
Engine Oil		Engine Oil Filter						
		Engine Oil Filter Secondary						
Transmission Oil		Transmission Filter						
		Aux. Trans. Filter						
Fuel		Fuel Filter Primary						
		Fuel Filter Secondary						
Rear Axle / Axles								
Steering Oil		Steering Filter						
Hydraulic Oil		Hydraulic Filter Suction						
		Hydraulic Filter Return						
Coolant		Coolant Filter						
Transfer Case								
Front Axle		Air Filter Primary						
Brake Fluid		Air Filter Secondary						
		Air Compressor Filter						

Description	Manufacturer	Model Number	Part Number	Warranty
Air Compressor				
Air Dryer				
Alternator				
Auto Slack Adjuster				
Auto Lube System				
Axle Front				
Axle Rear				
Battery				
Belt Air Compressor				
Belt Alternator				
Belt Fan				
Belt Power Steering				
Brake Chamber (FRT)				
Brake Chamber (REAR)				
Brake Lining (FRT)				
Brake Lining (REAR)				
Clutch Assembly				
Differential				
Dump Body				
Electronic Joysticks				
Engine (AUX)				
Engine (MAIN)				
Fan				
GL 400				
GL 400 Wiring				
Grote Wiring Harness				
Hoist Cylinder				
Hydraulic Pump - Main				
Pump, Fuel				
Pump, Hydraulic Aux.				
Pump, Steering				

Description	Manufacturer	Model Number	Part Number	Warranty
Pump, Water				
Radiator				
Rexroth Valve				
Starter				
Steering Gear				
Suspension System Tand				
Tank Fuel Capacity				
Tire Size Front LR				
Tire Size Rear LR				
Transaxle				
Transfer Case				
Transmission				
Wing Plow				

SPECIFICATIONS
M-90-FC-Z-VA

001100

TRUCK MOUNTED ATTENUATORS

INTENT STATEMENT

This specification establishes minimum requirements for truck-mounted attenuators (TMA). This unit shall be furnished complete in all details including attaching brackets and support structure to attach to the rear of existing Department trucks.

All units must be delivered within **90** days after receipt of the purchase order by the successful bidder.

GENERAL SPECIFICATIONS:

1. SYSTEM:

The complete system shall consist of the following basic components:

- a. Complete replaceable crush unit
- b. Steel back-up and frame structure.
- c. Steel brackets and structural members to attach unit to the truck frame.
- d. Electric/hydraulic system to raise and lower the unit.
- e. Bolts, pins, brackets, lights and wiring as necessary to make a complete and workable unit. Brackets to allow for adaptability to the 40/45 mph/64.37/72.42 KPH TMA's presently in the fleet.
- f. Complete unit must be interchangeable with Department Trucks.
- g. Complete installation guide to include adapting the new cartridge and carriage to existing under ride and a cartridge repair limitations guide.
- h. It shall be the sole responsibility of the successful vendor to ensure that all parts including adapter plates shall be supplied and properly engineered to be compatible with current Department trucks/attenuators.

2. PERFORMANCE:

The attenuator is to have been tested and certified to NCHRP 350 / Level III, currently listed in PA Bulletin 15.

The TMA shall be designed so as no part intrudes under the support vehicle when impacted or requires a safety clearance which extends forward of the rear axle.

SPECIFICATIONS
M-90-FC-Z-VA

GENERAL SPECIFICATIONS: (Continued)

3. PAINT:

All exterior surfaces shall be cleaned and properly prepared prior to painting PENNDOT yellow, Ref: DuPont 6808 for shade only.

4. REFLECTIVE SHEETING:

The TMA shall have 3 in/7.6cm - 6 in/15.2cm black strips inverted "V", (per EQN-260).

5. LABELS:

Each unit shall have two metal labels or non-removable decals affixed to the unit containing the manufacturer's name, date of manufacture, type of energy absorbing material, weight and serial number and operating instructions. This item shall be attached to the front panel or left and right side, front of the TMA.

Operating instructions shall be posted on both sides of the cartridge.

6. IMPACT CARTRIDGE:

Manufacturers standard cartridge

7. STRUCTURAL STEEL BACKUP:

The structural steel backup shall incorporate a steel framework and is to mount to the rear of selected Department truck chassis by means of mounting brackets. The backup is to be quickly removable from the mounting brackets by means of heavy-duty pins.

The backup shall support the cartridge during normal use and shall resist the loads applied to it during impact. This backup shall be capable of tilting upward toward the truck 90 degrees for travel or storage by means of hydraulic cylinder/s. Positions will be either 90 degrees or horizontal the hydraulic cylinder is to be easily removable from the structural steel backup by means of quick-disconnect pin(s).

SPECIFICATIONS
M-90-FC-Z-VA

8. MOUNTING HARDWARE:

Mounting bracket(s) which connect the structural steel backup and cartridge to the truck chassis shall be provided. These brackets shall incorporate structural steel members, which will resist the loads applied to them during impact to the unit. (They shall also serve as a mounting point for the steel back-up and frame structure, and the hydraulic cylinder/s, as well as the hydraulic lock/s. All gussets and strengthening deemed necessary by the successful vendor's Engineering Department shall be included.

GENERAL SPECIFICATIONS: (Continued)

9. HYDRAULIC CYLINDER, CONTROL AND FITTINGS:

The unit is to be elevated 90 degrees by means of a remote controlled hydraulic cylinder/s.

It shall be power-up, gravity-down, and a flow control valve must be incorporated to control the down speed.

In the "DOWN" position, the unit is considered operational.

In the "UP" position, the unit shall be able to be transported with minimum vibration and without excessive force on the truck frame.

The hydraulic cylinder/s shall be powered from a separate power-pack (electro-hydraulic motor).

It is to incorporate a flow control valve to prevent fall-down of the cartridge in case of hydraulic failure.

A remote hydraulic activation valve, securely mounted on the mounting bracket, to be installed. It shall be accessible to an operator standing at the rear of the truck and forward of the cartridge.

In lieu of the hydraulic valve, a quick-disconnect remote control up/down switch is acceptable and must be capable of being operated while standing on the curbside of the truck. Both the cylinder and the activation valve to be removable as an integral part of the unit.

A hydraulic activated locking system is to be included to prevent the unit from lowering during travel.

There shall be a mechanical locking device to secure the TMA cartridge in the 90° position. This device will not preclude traveling with the vehicle in motion and the TMA in the 90° position held only by the hydraulic system.

An audible alarm shall sound when the cartridge is in any position except full down or full up with locks engaged.

10. JACK:

The unit shall include two (2) hand crank caster wheel jacks (360 degrees swivel on wheels) adjustable in height mounted at the forward end.

There shall be a frame and retractable caster wheel jack(s) at the rear.

These jacks shall assist in the removal of the unit from the truck also permit mobility of the unit after removal from the truck.

Jacks to be located so that fingers cannot be pinched when cranking handle.

Jacks shall clear the dump body and spreader in UP position. Wheels shall be steel or rubber (plastic is unacceptable). The jack and mounting to be of sufficient capacity and strength to support weight of attenuator frame and cartridge without bending.

SPECIFICATIONS
M-90-FC-Z-VA

GENERAL SPECIFICATIONS: (Continued)

11. LIGHTING:

Each unit shall have a trailer "type" lighting system, Ref: Drawing EQN-260

Two additional stop/turn/tail directional lights shall be mounted on the back-up plate such that they provide rearward illumination when the attenuator is in the 90 degree - up position. They shall be no more than fifty (50) in/127cm off the ground when the unit is fully retracted. Lighting shall be visible whether the TMA is in the UP or DOWN position.

Connection shall be made with the trucks electrical system via a 7-way Pollack Connector No. 11-910 with a cable guard.

Truck-Lite 50 Series or Grote Ultra Blue wiring protrudes through the TMA's it shall be protected by a rubber grommet and shall have a minimum of 18 of extra wiring coiled inside (to be used in case of wiring damage).

12. PILOT MODEL INSTALLATION, DELIVERY, DRAWINGS:

13. FINAL PAYMENT:

Throughout this contract there are administrative items which are required. Final payment shall not be made until all contractual items are complete, accurate and the Department is satisfied with the entire contract. Examples of items: Title work, lubrication and component charts, training, manuals, delivery etc. All contractual items shall be discussed and clarified at the pre-build meeting.

SPECIFICATIONS

Speed Display Sign, Trailer Mounted

August 9, 2002

GENERAL SPECIFICATIONS:

A. Intent

The purpose of this specification is to describe a portable, trailer-mounted, all-weather Speed Display Sign that displays the regulatory speed limit on a static sign and the speed of approaching vehicles on a changeable sign panel. The sign shall be mounted on a two-wheel type steel trailer and shall be capable of being towed. The sign shall be capable of being operated in a moving or stationary mode. The unit will be used on public streets and highways to remind drivers of their speed.

NOTE: Pennsylvania Department of General Services, PCID NO. 1075, "*General Requirements for Bidding PennDOT Vehicles/Equipment*", most current version effective at the time and date of bid opening, is included as a part of this specification. PCID NO. 1075 may be reviewed and downloaded from the Department of General Services website, www.dgs.state.pa.us <<http://www.dgs.state.pa.us>>.

Delivery as required per Department of General Services, PCID NO. 1075, Section "G". All units must be delivered within **90** days after receipt of the purchase order by the successful bidder.

B. Equipment Components:

1. Trailer:

The trailer shall be specifically designed to support the entire operating system for the sign display, including sign/display support system, power supply unit, controls and housings. It is to be welded steel construction equipped with fenders and four leveling jacks or legs. The trailer shall be constructed in a double box configuration with a nominal dimension of 2 x 3 x 1/8 in. steel tubing and 3 in. x 4.1 lb. structural steel channel. The unit is to have heavy duty, 2,000-lb minimum axle, springs and minimum 14-in. automotive wheels and tires. The removable drawbar is to extend 48 in. from the most forward obstruction on the trailer. The hitch shall be of Class I with appropriate size ball coupler. A minimum 750-pound capacity swing-away screw type jack is to be mounted on the drawbar. Two (2) safety chains shall be welded to the tongue. The trailer shall be equipped with four leveling pads or feet, for maintaining trailer in a level stabilized position. These feet must have provision for locking in position. The trailer and all its components are to be of sufficient strength and rating to operate safely upon the highway at legal speeds without bending, cracking, bottoming or premature wear. The total trailer operating weight is not to exceed the gross axle weight. The trailer is to be equipped with tail, stop and directional lights and with license plate light and bracket all conforming to

Pennsylvania and Federal standards. Four-wire trailer cable, made to SAE and ATA specifications, is to extend 3 ft. beyond the trailer coupler. All connections are to be in accordance with ATA color and location code.

2. Display:

The display sign shall consist of modular LED display panel or panels capable of displaying a two-digit vehicle speed. The panels shall be configured in a 5 x 7 matrix. The characters shall be a minimum of 17 in. in height, 12 in. wide. The front face of the display shall be UV inhibited polycarbonate. The display panel shall be environmentally sealed. The LED color shall be amber and have a viewing angle of 30° with automatic dimming at night.

3. Display Control System:

The variable message portion of the sign shall receive input from the speed detection device.

4. Static Signs:

The static speed limit (R2-1) sign shall be 30 x 36 in. The speed limit sign and overlay panels shall comply with PENNDOT Publication 236 and be manufactured by an approved sign manufacturer. A “Your Speed” sign shall be mounted to the top of the dynamic speed display panel. Both signs shall be made with Type III High Intensity sheeting and shall be capable of being easily removed and replaced. The Speed Display Sign shall include a set of speed limit overlay number panels that shall include speeds of 25, 30, 35, 40, 45, 50, 55 and 65. These panels shall be capable of being easily attached and removed from the static speed limit sign. The panels shall be stored in a secure location on or within the speed limit trailer.

5. Sign Lifting Mechanism:

The sign lifting mechanism shall be of sufficient capacity to safely raise and lower sign by means of a hand operated winch with safety clutch. Locking device(s) to secure the sign in a raised position and equipped with keepers permanently attached to the unit. Horizontal face down, lowered position shall be for transport and raised vertical position facing rearwards of the trailer shall be for operation.

6. Power Supply:

Primary power supply shall be a battery with solar assist. The unit shall be designed to operate through the use of heavy duty, deep cycle, lead acid batteries. The battery bank shall be of sufficient capacity to power the unit for a minimum of 14 days. The battery bank shall be assisted by means of a solar generator incorporating one or more solar panels. The self-leveling solar panel array shall be positioned on top of the sign to provide shade free deployment. The unit shall also be equipped with a charger,

which will operate on 115-volt AC current. Batteries shall be housed in a lockable enclosure. The design of the enclosure shall allow batteries to be easily removed and replaced and not shift during transportation.

7. Speed Detection Device:

The radar antenna shall generate a microwave signal to determine the speed of a target and should be for approach only (directional radar). The radar should measure in miles per hour with accuracy of ± 1 mph and a target speed range of 10 to 99 mph. The antenna shall be aligned square to the trailer and mounted to deter vandalism and tampering. The speed detection device shall feed directly to the variable sign and have adjustment for the cosine effect. The sign shall have a "blackout" option, which will allow the user to select a speed above which the sign will stop displaying vehicle speeds.

9. General Operating Criteria:

Maximum vertical height in a raised (operating) position shall not exceed 13 ft. 6 in. above pavement surface. Maximum height in lowered (towing) position shall not exceed 7 ft. 0 in. above pavement surface.

Bottom of sign when in vertical raised position shall not be less than 6 ft. 0 in. above pavement surface.

Raising and lowering devices shall be arranged for simplicity and quick operation so that set up and take down time can be kept to a minimum and can be operated by one man.

All welding shall comply with American Welding Society Standards. All nuts and bolts shall be steel, minimum grade 5, zinc plated or stainless steel.

10. Paint:

The unit shall be cleaned of all rust, grease and scale. Existing tag(s) shall be left readable.

The unit and all its components shall be cleaned, primed and painted with a minimum of two coats of the PENNDOT DuPont yellow 6808. All paint shall be the same shade.

SPECIFICATIONS
F-26-GE-L-ZZ

001700 Solar

VARIABLE MESSAGE BOARD – TRAILER TOWED

I. GENERAL SPECIFICATIONS:

A. INTENT STATEMENT:

This specification describes a portable solar full matrix changeable message sign for traffic control in work zones, or at other locations where deemed necessary used in both stationary and moving operations. The units shall be of a trailer-mounted type. Each unit shall be self-contained, including the message board, controller, power supply, and the trailer. The unit must be listed in DOT Bulletin 15.

NOTE: Pennsylvania Department of General Services, PCID NO. 1075, "*General Requirements for Bidding PennDOT Vehicles/Equipment*", most current version effective at the time and date of bid opening, is included as a part of this specification. PCID NO. 1075 may be reviewed and downloaded from the Department of General Services website, www.dgs.state.pa.us <<http://www.dgs.state.pa.us>>.

Delivery as required per Department of General Services, PCID NO. 1075, Section "G". All units must be delivered within **90** days after receipt of the purchase order by the successful bidder.

B. MESSAGE BOARD:

The entire sign face shall be protected by a heavy-duty guard cage, a clear impact resistant front face or other protective material, which can be removed for sign maintenance.

1. CONTROLLER:

The sign electronics shall be a solid-state type with appropriate controls for selection of messages and variable on-off time.

The controller shall be capable of having a minimum of 16 preprogrammed messages and an unlimited number of additional messages. The additional messages shall be added via use of electronic modules or a keyboard.

The unit shall be capable of alternately showing or sequentially flashing a minimum of three stored messages. All single word messages shall flash without an asterisk.

SPECIFICATIONS
F-26-GE-L-ZZ

I. GENERAL SPECIFICATIONS: (Continued)

B. MESSAGE BOARD: (Continued)

2. CONTROLLER: (Continued)

The controller shall be capable of displaying a duplicate of the sign panel message by use of an LED display -or other acceptable miniature display.

3. TRAILER AND SIGN PANEL SUPPORT:

The trailer shall be equipped with heavy duty axles and hitches, safety chains, 12-volt running lights, leveling jacks and four-ply rated tires designed to adequately support the message board and generator in both a fixed or travel position. All running gear shall be provided and the trailer shall meet all of the appropriate requirements of the Pennsylvania Vehicle Code.

The sign panel support shall provide for raising the sign to an acceptable roadway viewing height with the bottom of the sign panel a minimum of 7 ft/2.1m above the roadway surface for trailer mounted units. If the sign panel is wider than 96 in/244cm the signal panel must be capable of being rotated 90 degrees.

The trailer design shall provide for an adequate vandal-proof housing for the engine, generator and electronic equipment.

- | | | |
|----|----------------|---|
| A. | Application: | To carry message board and accessories. Designed to be towed at 60 mph/95.6 kmph max. with message board in lowered position. For on-road/off-road usage. |
| B. | Main Frame: | Angle, tube and channel frame of adequate structural steel, ASTM A36 min. Reinforced at high stress areas. Removable draw bar is acceptable. |
| C. | Cross Members: | Adequate structural steel, ASTM A36, minimum. |
| D. | Trailer: | Adequate structural steel. Trailer shall be fitted with a drip pan to prevent engine oil from dripping on the ground (diesel unit only). |
| E. | Axle(s): | Manufacturer's standard supplied axle. |
| F. | Suspension: | Manufacturer's standard supplied suspension. |
| G. | Wheels: | Two (2) wheels painted to match unit. 5 lug. Slotted type or Mobile Home type wheels are unacceptable. |

SPECIFICATIONS
F-26-GE-L-ZZ

I. GENERAL SPECIFICATIONS: (Continued)

B. MESSAGE BOARD: (Continued)

3. TRAILER AND SIGN PANEL SUPPORT: (Continued)

- | | | |
|----|-----------------------|---|
| H. | Tires: | It shall be the responsibility of the manufacturer to ensure tires meet the GVW of the entire unit wet, (minimum 3,000 lbs/1, 360 kg). Tires shall be full 4 ply radial. |
| I. | Brakes: | Required. Hydraulic surge brake system with parking brakes, and break-away safety mechanism. (Reference EQN-84). |
| J. | Fenders: | Manufacturer's standard supplied fenders |
| K. | Stepping Areas: | Non-skid paint. |
| L. | License Plate Holder: | One (1) with proper lighting. |
| M. | Hitch: | 3 in/7.6cm pintle type ring (EQN-84), and a 2in/5.08cm ball coupler. |
| N. | Safety Chains: | Two (2) rustproof, coilproof, min. .3750 in/.95cm size, high tensile. Length to suit, but min. 48in/121.9cm long and to extend 48 in/121.9cm beyond pintle. Welded attached one on each side of the tongue with a drilled type clevis pin. Forged steel clevis on the opposite end. |
| O. | Tongue Jack: | Extra heavy duty bolt-on screw-type jack stand. Center-mounted for positive road clearance while under tow. Min. capacity 1,500 lb/680 kg. |
| P. | Leveling Pads: | Four (4) screw type or pin type, capacity 1,000 lb/454 kg each, to maintain trailer in a level stabilized position. |
| Q. | Lights: | Tail lights, stop lights, license plate light, turn signals and 4-way flashers. Clearance lights and reflectors on each side, amber at front and red at rear. Reflectors. All components shall be ICC-approved. |

SPECIFICATIONS
F-26-GE-L-ZZ

I. GENERAL SPECIFICATIONS: (Continued)

B. MESSAGE BOARD: (Continued)

3. TRAILER AND SIGN PANEL SUPPORT: (Continued)

- R. Wiring: a. To extend to front of A-frame hitch inside protective conduits, water-proof flexible metallic raceway(s), or inside a shielded cable. (Grommets shall be used whenever wiring cable enters/exists channel.) There shall be a Grote "Ultra Link 500" power cord (87020) with one end severed and hard wired into a washer-proof box. (EQN-80A is offered for guidance.)

The trailer design shall provide for an adequate vandal-proof housing for the engine, generator, battery/s and electronic equipment. There shall be a catch basin area for accumulating engine oil should there be a leak.

The trailer assembly and the message board support shall be PennDOT yellow (DuPont 6808 for shade only).

4. POWER SUPPLY:

Solar (001700) with battery bank power supply. The batteries shall be recharged by a solar panel. There shall be a built-in battery charger 120 V, with a minimum 50 ampere per hour rating and automatic overcharge protection and shut off. The battery bank protective housing shall be insulated. The size, group number and all other pertinent battery information shall be placed on a metal tag or decal and fastened to the protective housing.

II. WARRANTY REQUIREMENTS:

A. GENERAL:

1. The equipment manufacturer's service and warranty policy shall be for two years. 100% Parts and labor, entire specification except as noted for other parts elsewhere.

SPECIFICATIONS
F-26-GE-L-ZZ

III. DRAWINGS:

EQN-80A	Rev.	06-18-97	1 sheet	WIRING DIAGRAM
EQN-84	Rev.	10-09-97	1 sheet	TRAILER, FRONT END SPECIFICATIONS

The above referenced drawings shall become part of these specifications.

These drawings reflect the intent of the Department and any discrepancies shall be resolved at the line setting ticket meeting between the vendor and the Equipment Chief, or the pre-production inspection.

DRAWINGS AND COMPONENT/INFORMATION CHARTS APPEAR AT THE OF THE SPECIFICATIONS.

SPECIFICATIONS

Full Matrix, Vehicle Mount Changeable Message Sign

August 9, 2002

GENERAL SPECIFICATIONS:

A. Intent

The purpose of these specifications is to describe a vehicle mounted, full matrix, all-weather, changeable message sign. The sign will be mounted on a vehicle and may be capable of being operated in either in moving or stationary operation. The sign shall be used on public streets and highways to direct and warn traffic and shall be operated from the vehicle electrical system. The changeable message sign shall be listed in Publication 35 (Bulletin 15) as approved for sale and use in Pennsylvania.

B. Equipment Components

1. Sign Panel

The aluminum frame and back shall be etched and finished with a minimum of one coat primer and one coat of non-reflective flat black enamel

a. Modular Character Panels

The body of the panel shall be composed of UV-inhibited, high impact, ABS thermo plastic material and be environmentally sealed against contaminants. The changeable message sign system shall comply with environmental standards set forth by SAE J1455.

b. Computer

Each sign shall be controlled by a computer providing power and communication inputs to the sign. The computer shall provide necessary non-volatile memory for storing up to 200 sequences, built in photo cell and accept communication inputs from: manufacturer supplied hand-held terminal and a Commonwealth Agency supplied Pentium ® based or equivalent processor, laptop computer. The manufacturer shall supply any necessary software, cables and/or accessories to program and operate the sign with the laptop and handheld terminal.

2. Sign Panel and Power Tilt Assembly

A 12-volt DC power tilt unit shall be incorporated into the sign panel mounting frame to provide a method to remotely move the sign panel between the horizontal (travel) position and vertical (operating) position. The power tilt unit shall consist of a 12-volt DC, linear actuator, a minimum 250-pound capacity equipped with automatic reset thermal overload and ball detent overload crutches. An actuator control switch shall be incorporated into the sign panel controller for operation of the power tilt from within the vehicle cab. The sign panel mount shall be constructed of a minimum 2 in. x 2 in. steel tube. Sign panel mount shall be of low profile design.

3. Bed Rail Rack

The bed rail shall be constructed of manufacturer's standard rail size. The bed rail rack shall accept the low profile sign panel mount. The bed rail rack shall mount to the top bed rails of a standard pick up truck, allowing installation of customer supplied cross bed tool box. The bed rail rack shall be adequately braced to reduce the chances of fatigue failure. The truck mount should allow full use of truck bed.

**The Following Documents Shall Be Completed And Shipped To The Equipment Division,
17th Street & Arsenal Blvd., Harrisburg, Pa 17120,
Attn: Specifications Division, Within 30 Days Of Award Of Bid:**

Instructions To Vendor For Completing The Attached Forms

1. Type Or Print All Information.
2. Insert N/A In All Sections Which Do Not Apply, Do Not Leave Any Sections Blank.
3. Manufacturer, Model No. and Part No. Should Reflect The Actual Component Manufacturer's Name, Model No. And Part No.
4. Warranty Section Should Reflect The Coverage The Vendor and/or Equipment (Truck) Manufacturer Will Supply, Not The Component Manufacturer.

Manufacturers And Dealers Organizational Charts

Successful Manufactures Personnel

Successful Local Dealer Personnel

Title	Name And Address	Area Code	Phone Number	Title	Name And Address	Area Code	Phone Number
Chief Engineer				Owner Of General Manager Of Dealership			
Project Engineer For Unit Bid				Sales Manager			
Manufacture's Regional Service Manager				Salesman Assigned To Penndot Account			
Manufacturer's Fuels And Lubricant Specialist				Parts Manager			
Purchase Order Number _____ Commodity _____ Model Of Equipment _____				Emergency Service Person To Aid Penndot In Evenings Or Weekends In An Emergency Situation			

COMPONENT INFORMATION FORM

VENDOR _____

PURCHASE ORDER NO. _____

DEPARTMENT USE ONLY	DESCRIPTION	MANUFACTURER	MODEL NO.	PART NO.	WARRENTY		
					MONTHS	HOURS	MILES
	AIR COMPRESSOR (BRAKES)						
	AIR DRYER (BRAKES)						
	ALTERNATOR						
	AXLE, FRONT						
	AXLE, REAR						
	BATTERY						
	BELT, POWER STEERING						
	BELT, ALTERNATOR						
	BELT, FAN						
	BELT, AIR COMPRESSOR						
	AUTOMATIC SLACK ADUSTER						
	BRAKE CHAMBER (FRONT)						
	BRAKE CHAMBER (REAR)						
	BRAKE LINING (FRONT)						
	BRAKE LINING (REAR)						
	CLUTCH ASSEMBLY						
	DIFFERENTIAL						
	ENGINE - MAIN						
	ENGINE AUXILLARY						
	FAN						
	FILTER, FUEL – PRIMARY						
	FILTER, FUEL - SECONDARY						
	FILTER, AIR – PRIMARY						
	FILTER, AIR – SECONDARY						
	FILTER, OIL – ENGINE						
	FILTER, TRANS – INTERNAL						

COMPONENT INFORMATION FORM

VENDOR _____

PURCHASE ORDER NO. _____

DEPARTMENT USE ONLY	DESCRIPTION	MANUFACTURER	MODEL NO.	PART NO.	WARRENTY		
					MONTHS	HOURS	MILES
	FILTER, TRANS – EXTERNAL						
	FILTER, STEERING RESERVOIR						
	FILTER, WATER SEPERATOR						
	FILTER, COOLANT						
	HOIST, CYLINDER						
	HYDRAULIC PUMP – MAIN						
	HYDRAULIC, PUMP ADAPTOR						
	HYDRAULIC, PUMP REDUCER						
	HYDRAULIC FILTER, SUCTION						
	HYDRAULIC FILTER, RETURN						
	PUMP, FUEL						
	PUMP, HYDRAULIC – AUXILLIARY						
	PUMP, STEERING						
	PUMP, WATER						
	RADIATOR, SHUTTER						
	STARTER						
	STEERING GEAR						
	SUSPENSION SYSTEM – TANDEM						
	TANK, FUEL – CAPACITY						
	TIRE SIZE (FRONT)						
	TIRE SIZE (REAR)						
	TRANSFER CASE						
	TRANSMISSION						
	TRANSAXLE						

PLEASE PROVIDE THE NAME AND TELEPHONE NUMBER OF THE INDIVIDUAL WHO COMPLETED THIS FORM, WHO MAY BE CONTACTED FOR FURTHER INFORMATION.

NAME _____

TELEPHONE NUMBER _____

COMMONWEALTH OF PENNSYLVANIA / DEPARTMENT OF TRANSPORTATION

EFFECTIVE DATE _____

EQUIPMENT

BULLETIN # _____

RECINDS BULLETIN # _____

LUBRICATION

EFFECTIVE ON _____

DATED _____

BULLETIN

MODEL YEAR (S) _____

EQUIPMENT SERIES _____ TO _____

MAKE AND TYPE OF EQUIPMENT _____

PURCHASE ORDER # _____

COMPONENT	COMPONENT MANUFACTURE	COMPONENT MODEL	RECOMMENDED LUBRICANT	CHANGE INTERVAL	RECOMMENDATIONS AND COMMENTS
ENGINE					
TRANSMISSION					
TRANSFER CASE					
REAR AXLE					
COOLING SYSTEM					
STEERING					
FRONT AXLE					
HYDRAULIC					

	FILTER MANUFACTURER	PRIMARY ELEMENT	STOCK C.O.	SECONDARY ELEMENT	STOCK C.O.	COMMODITY CODE PRIMARY ELEMENT
FILTER, LUBE ENGINE						
FILTER, FUEL						
FILTER, HYDRAULIC						
FILTER, AIR						
FILTER, COOLANT						
FILTER, TRANSMISSION						
FILTER, POWER STEERING						
FILTER (OTHER)						



All using Agencies of the Commonwealth, Political Subdivision,
Authorities, Private Colleges and Universities

ORIGINAL

Page 1 / 2

Contract Number: 4600008551

Creation Date: 06/06/2005

Purchasing Agent:

Name: Lisa Vega

Phone: (717) 346-4290

Fax: (717) 783-6241

E-mail: lvega@state.pa.us

Valid from/to: 06/06/2005 - 03/31/2006

Your vendor number with us: 164262

Vendor Name/Address:

ADDCO INC

240 ARLINGTON AVE E

SAINT PAUL MN 55117-3908

Vendor Fax Number: 651-558-3600

Your Quotation: Date:

Collective No.: CN00013603

Our Quotation: 6000072947

Please Deliver To:

*** TBD AT TIME OF PURCHASE ORDER ***

*** UNLESS SPECIFIED BELOW ***

Payment Terms: NET 30

The Commonwealth of Pennsylvania, through the Department of General Services, accepts the submission of the Bidder/Contractor for the awarded item(s) at the price(s) set forth below in accordance with: 1) the RFQ submitted by the Bidder/Contractor, if any; 2) the documents attached to this Contract or incorporated by reference, if any, and 3) the contract terms and conditions stored on the website address at www.dgs.state.pa.us for this type of Contract as of the date of the RFQ, if any, or other solicitation for this Contract, all of which, as appropriate, are incorporated herein by reference. When the Bidder/Contractor receives an order from a Commonwealth agency, the order constitutes the Bidder/Contractor's authority to furnish the item(s) to the agency at the time(s) and place(s) specified in the order. RFQ, as used herein, means Request for Quotations, Invitation for Bids, Invitation to Qualify, or Request for Proposals, as appropriate.

Item	Description	Material/Service No.	Quantity UOM	Price	Per Unit	TOTAL
00010	SIGN,SPEED DISPLAY,TRAILER MTD,ADDCO	275316	0 EA	6,285.00	EA	0.00
Item text ADDCO SDT 1000- SPEED DISPLAY						
00020	SIGN,MESSAGE,TRAILER MTD,ADDCO	275319	0 EA	13,200.00	EA	0.00
Item text ADDCO MSG SIGN-BRICK (TRAILER MTD)						
00030	RADAR,ADDCO MSG BRD/TRLR,SOLAR,CELL	277069	0 EA	23,267.00	EA	0.00
Item text ADDCO DH1000 FM dix (SOLAR/CELL/RADAR)						

*** SEE LAST PAGE FOR TOTAL VALUE OF CONTRACT ***



ORIGINAL

Page 2 / 2

Contract Number: 4600008551

Creation Date: 06/06/2005

Vendor Name:

ADDCO INC

Item	Description			
	Material/Service No.	Quantity	UOM	

Price

Per Unit

TOTAL

-----SUPPLEMENTAL INFORMATION-----

Header text

CONTACT PERSON: Dave Sorenson

PHONE #: (651) 558-3514

FAX #: (651) 558-3600

E-MAIL: djsorenson@addco.com

PIGGYBACKING: YES

Shipping instructionsALL DELIVERIES ARE AT PENNDOT EQUIPMENT DIVISION
17th STREET AND ARSENAL BLVD., HARRISBURG, PA. 17120

ALL SHIPMENTS ARE FOB, DESTINATION PRE-PAID AND ALLOWED.

INCLUDE ALL SHIPPING COSTS IN YOUR BID PRICE.

NO FURTHER INFORMATION FOR THIS CONTRACT

Currency: USD

900,000.00

ESTIMATED VALUE



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Authorities, Private Colleges and Universities

ORIGINAL

Page 1 / 2

Contract Number: 4600008547

Creation Date: 06/06/2005

Purchasing Agent:

Name: Lisa Vega

Phone: (717) 346-4290

Fax: (717) 783-6241

E-mail: lvega@state.pa.us

Valid from/to: 06/06/2005 - 03/31/2006

Your vendor number with us: 194240

Vendor Name/Address:

INTUITIVE CONTROL SYSTEMS LLC

DBA ALL TRAFFIC SOLUTIONS

PO Box 10085

STATE COLLEGE PA 16805-0085

Vendor Fax Number: 814-237-9006

Please Deliver To:

*** TBD AT TIME OF PURCHASE ORDER ***

*** UNLESS SPECIFIED BELOW ***

Your Quotation: Date:

Collective No.: CN00013603

Our Quotation: 6000072951

Payment Terms: NET 30

The Commonwealth of Pennsylvania, through the Department of General Services, accepts the submission of the Bidder/Contractor for the awarded item(s) at the price(s) set forth below in accordance with: 1) the RFQ submitted by the Bidder/Contractor, if any; 2) the documents attached to this Contract or incorporated by reference, if any, and 3) the contract terms and conditions stored on the website address at www.dgs.state.pa.us for this type of Contract as of the date of the RFQ, if any, or other solicitation for this Contract, all of which, as appropriate, are incorporated herein by reference. When the Bidder/Contractor receives an order from a Commonwealth agency, the order constitutes the Bidder/Contractor's authority to furnish the item(s) to the agency at the time(s) and place(s) specified in the order. RFQ, as used herein, means Request for Quotations, Invitation for Bids, Invitation to Qualify, or Request for Proposals, as appropriate.

Item	Description	Material/Service No.	Quantity	UOM	Price	Per Unit	TOTAL
00010	ALL TRAFFIC SOLU,SPEED SENTRY	283869	0	EA	2,975.00	EA	0.00
Item text							
SPEEDSENTRY 12 (2 DIGIT) WITH PORTABLE COLLASIBLE MOUNTING POLE							
12" SPEED sentry 18"W x 16.25"H x 9"D							

00020	ALL TRAFFIC SOLU,SPEED SENTRY	283869	0	EA	3,575.00	EA	0.00
Item text							
SPEEDSENTRY 15 (2DIGIT) WITH PORTABLE COLLAPSIBLE MOUNTING POLE							
15" SPEED sentry 26.5"W x 20"H x 9"D							

00030	ALL TRAFFIC SOLU,SPEED SENTRY	283869	0	EA	400.00	EA	0.00
Item text							
ADDER FOR DATA LOGGING WITH TRAFFIC							

*** SEE LAST PAGE FOR TOTAL VALUE OF CONTRACT ***



ORIGINAL

Page 2 / 2

Contract Number: 4600008547

Creation Date: 06/06/2005

Vendor Name:

INTUITIVE CONTROL SYSTEMS LLC

Item	Description	Material/Service No.	Quantity	UOM	Price	Per Unit	TOTAL
	COUNTING MODULE						
00040	ALL TRAFFIC SOLU,SPEED SENTRY	283869	0	EA	225.00	EA	0.00
Item text							
ADDER FOR WORK ZONE ALARM HORN							
-----SUPPLEMENTAL INFORMATION-----							
Header text							
CONTACT PERSON:James A. Stein							
PHONE #814-237-9005							
FAX #814-237-9006							
E-MAIL:sales@alltrafficsolutions.com							
PIGGYBACKING: YES							
Shipping instructions							
ALL DELIVERIES ARE AT PENNDOT EQUIPMENT DIVISION							
17th STREET AND ARSENAL BLVD., HARRISBURG, PA. 17120							
ALL SHIPMENTS ARE FOB, DESTINATION PRE-PAID AND ALLOWED.							
INCLUDE ALL SHIPPING COSTS IN YOUR BID PRICE.							
NO FURTHER INFORMATION FOR THIS CONTRACT							

Currency: USD

900,000.00
ESTIMATED VALUE



All using Agencies of the Commonwealth, Political Subdivision,
Authorities, Private Colleges and Universities

ORIGINAL

Page 1 / 2

Contract Number: 4600008550

Creation Date: 06/06/2005

Purchasing Agent:

Name: Lisa Vega

Phone: (717) 346-4290

Fax: (717) 783-6241

E-mail: lvega@state.pa.us

Valid from/to: 06/06/2005 - 03/31/2006

Your vendor number with us: 163266

Vendor Name/Address:

DIMENSIONAL PRODUCTS INC

PO Box 975

REISTERSTOWN MD 21136-0975

Vendor Fax Number: 410-861-8655

Your Quotation: Date:

Collective No.: CN00013603

Our Quotation: 6000072946

Please Deliver To:

*** TBD AT TIME OF PURCHASE ORDER ***

*** UNLESS SPECIFIED BELOW ***

Payment Terms: NET 30

The Commonwealth of Pennsylvania, through the Department of General Services, accepts the submission of the Bidder/Contractor for the awarded item(s) at the price(s) set forth below in accordance with: 1) the RFQ submitted by the Bidder/Contractor, if any; 2) the documents attached to this Contract or incorporated by reference, if any, and 3) the contract terms and conditions stored on the website address at www.dgs.state.pa.us for this type of Contract as of the date of the RFQ, if any, or other solicitation for this Contract, all of which, as appropriate, are incorporated herein by reference. When the Bidder/Contractor receives an order from a Commonwealth agency, the order constitutes the Bidder/Contractor's authority to furnish the item(s) to the agency at the time(s) and place(s) specified in the order. RFQ, as used herein, means Request for Quotations, Invitation for Bids, Invitation to Qualify, or Request for Proposals, as appropriate.

Item	Description	Quantity	UOM	Price	Per Unit	TOTAL
	Material/Service No.					
00010	ATTENUATORS&PARTS,TMA,TRAFFIC MAINT					
	275290	0	EA	13,932.00	EA	0.00
Item text	TRAF MAINT U-MAD 100K (PERMANENT MOUNT)					

00020	ATTENUATORS&PARTS,TMA,TRAFFIC MAINT					
	275290	0	EA	9,357.00	EA	0.00
Item text	TRAF MAINT U-MAD 100K (CUSHION ONLY)					

*** SEE LAST PAGE FOR TOTAL VALUE OF CONTRACT ***



ORIGINAL

Page 2 / 2

Contract Number: 4600008550

Creation Date: 06/06/2005

Vendor Name:

DIMENSIONAL PRODUCTS INC

Item	Description	Quantity	UOM	Price	Per Unit	TOTAL
Material/Service No.						

-----SUPPLEMENTAL INFORMATION-----

Header text

CONTACT PERSON: Steven Noel

PHONE #: (410) 861-8654

FAX #: (410) 861-8655

E-MAIL: dimpat@adelphia.net

PIGGYBACKING: YES

Shipping instructionsALL DELIVERIES ARE AT PENNDOT EQUIPMENT DIVISION
17th STREET AND ARSENAL BLVD., HARRISBURG, PA. 17120

ALL SHIPMENTS ARE FOB, DESTINATION PRE-PAID AND ALLOWED.

INCLUDE ALL SHIPPING COSTS IN YOUR BID PRICE.

NO FURTHER INFORMATION FOR THIS CONTRACT

Currency: USD

900,000.00
ESTIMATED VALUE



Creation Date: 06/06/2005

Valid from/to: 06/06/2005 - 03/31/2006

*** UNLESS SPECIFIED BELOW ***

Payment Terms: NET 30

Your Quotation:	Date:
Collective No.: CN00013603	
Our Quotation: 6000072949	

Item	Description	Material/Service No.	Quantity	UOM	Price	Per Unit	TOTAL
00010	ATTENUATORS&PARTS,TMA,ENERGY ABSORB	275289	0	EA	12,850.00	EA	0.00
Item text ENG. ABSORP SAFE STOP 8290 CLC							
00020	ATTENUATORS&PARTS,TMA,ENERGY ABSORB	275289	0	EA	3,740.00	EA	0.00
Item text EN/ABSORP CART # 1-PN 3524807-0000							
00030	ATTENUATORS&PARTS,TMA,ENERGY ABSORB	275289	0	EA	3,940.00	EA	0.00
Item text EN/ABSORP CART # 2-PN 3524808-0000							
00040	ATTENUATORS&PARTS,TMA,ENERGY ABSORB	275289	0	EA	14,424.00	EA	0.00
Item text EN/ABSORP SAFE STOP 9180 CLC							
00050	ATTENUATORS&PARTS,TMA,ENERGY ABSORB	275289	0	EA	3,970.00	EA	0.00
*** SEE LAST PAGE FOR TOTAL VALUE OF CONTRACT ***							



ORIGINAL

Page 2 / 2

Contract Number: 4600008548

Creation Date: 06/06/2005

Vendor Name:

ENERGY ABSORPTION SYSTEMS INC

Item	Description	Material/Service No.	Quantity	UOM	Price	Per Unit	TOTAL
Item text EN/ABSORP CART # A-PN 3526081-0000							

00060	ATTENUATORS&PARTS,TMA,ENERGY ABSORB	275289	0	EA	4,180.00	EA	0.00
Item text EN/ABSORP CART # B-PN 3526082-0000							
-----SUPPLEMENTAL INFORMATION-----							
Header text CONTACT PERSON: Tony Cappella PHONE #302-478-7487 FAX #302-478-7318 E-MAIL:acappella@quixtrans.com PIGGYBACKING: YES							
Shipping instructions ALL DELIVERIES ARE AT PENNDOT EQUIPMENT DIVISION 17th STREET AND ARSENAL BLVD., HARRISBURG, PA. 17120 ALL SHIPMENTS ARE FOB, DESTINATION PRE-PAID AND ALLOWED. INCLUDE ALL SHIPPING COSTS IN YOUR BID PRICE. NO FURTHER INFORMATION FOR THIS CONTRACT							

Currency: USD

900,000.00
ESTIMATED VALUE



All using Agencies of the Commonwealth, Political Subdivision,
Authorities, Private Colleges and Universities

REPRINT

Page 1 / 2

Contract Number: 4600008546

Creation Date: 06/06/2005

Purchasing Agent:

Name: Lisa Vega

Phone: (717) 346-4290

Fax: (717) 783-6241

E-mail: lvega@state.pa.us

Valid from/to: 06/06/2005 - 03/31/2006

Your vendor number with us: 122334

Vendor Name/Address:

PROTECTION SERVICES INC

635 LUCKNOW RD

HARRISBURG PA 17110-1635

Vendor Fax Number: 717-236-1281

Your Quotation: Date:

Collective No.: CN00013603

Our Quotation: 6000072952

Please Deliver To:

*** TBD AT TIME OF PURCHASE ORDER ***

*** UNLESS SPECIFIED BELOW ***

Payment Terms: NET 30

The Commonwealth of Pennsylvania, through the Department of General Services, accepts the submission of the Bidder/Contractor for the awarded item(s) at the price(s) set forth below in accordance with: 1) the RFQ submitted by the Bidder/Contractor, if any; 2) the documents attached to this Contract or incorporated by reference, if any, and 3) the contract terms and conditions stored on the website address at www.dgs.state.pa.us for this type of Contract as of the date of the RFQ, if any, or other solicitation for this Contract, all of which, as appropriate, are incorporated herein by reference. When the Bidder/Contractor receives an order from a Commonwealth agency, the order constitutes the Bidder/Contractor's authority to furnish the item(s) to the agency at the time(s) and place(s) specified in the order. RFQ, as used herein, means Request for Quotations, Invitation for Bids, Invitation to Qualify, or Request for Proposals, as appropriate.

Item	Description	Quantity	UOM	Price	Per Unit	TOTAL
	Material/Service No.					
00010	PROT SERV INC (PSI) MSG/SPD DISPLAY					
	283870	0	EA	22,125.00	EA	0.00
Item text	PORT CHANGEABLE MESSAGE SIGN # SMC-2000					
	MAKE/MODEL: 5MC 2000					
	SPRINGS AND AXLE RATED FOR: 5,000 LBS					
	LED SERVICE LIFE RATING: 100,000 HRS					
	SIGN CASE SIZE: 139W X 78.5H X 13.5D					

*** SEE LAST PAGE FOR TOTAL VALUE OF CONTRACT ***



REPRINT

Page 2 / 2

Contract Number: 4600008546

Creation Date: 06/06/2005

Vendor Name:

PROTECTION SERVICES INC

Item	Description	Quantity	UOM	Price	Per Unit	TOTAL
Material/Service No.						

-----SUPPLEMENTAL INFORMATION-----

Header text

CONTACT PERSON:Craig Noll

PHONE #717-236-9307

FAX #717-236-1281

PIGGYBACKING: YES

Shipping instructions

ALL DELIVERIES ARE AT PENNDOT EQUIPMENT DIVISION
17th STREET AND ARSENAL BLVD., HARRISBURG, PA. 17120

ALL SHIPMENTS ARE FOB, DESTINATION PRE-PAID AND ALLOWED.

INCLUDE ALL SHIPPING COSTS IN YOUR BID PRICE.

NO FURTHER INFORMATION FOR THIS CONTRACT

Currency: USD

900,000.00
ESTIMATED VALUE



All using Agencies of the Commonwealth, Political Subdivision,
Authorities, Private Colleges and Universities

ORIGINAL

Page 1 / 2

Contract Number: 4600008549

Creation Date: 06/06/2005

Purchasing Agent:

Name: Lisa Vega

Phone: (717) 346-4290

Fax: (717) 783-6241

E-mail: lvega@state.pa.us

Valid from/to: 06/06/2005 - 03/31/2006

Your vendor number with us: 126328

Vendor Name/Address:

TRAFCON INDUSTRIES INC

81 TEXACO RD

MECHANICSBURG PA 17050-2623

Vendor Fax Number: 717-697-0813

Your Quotation: Date:

Collective No.: CN00013603

Our Quotation: 6000072945

Please Deliver To:

*** TBD AT TIME OF PURCHASE ORDER ***

*** UNLESS SPECIFIED BELOW ***

Payment Terms: NET 30

The Commonwealth of Pennsylvania, through the Department of General Services, accepts the submission of the Bidder/Contractor for the awarded item(s) at the price(s) set forth below in accordance with: 1) the RFQ submitted by the Bidder/Contractor, if any; 2) the documents attached to this Contract or incorporated by reference, if any, and 3) the contract terms and conditions stored on the website address at www.dgs.state.pa.us for this type of Contract as of the date of the RFQ, if any, or other solicitation for this Contract, all of which, as appropriate, are incorporated herein by reference. When the Bidder/Contractor receives an order from a Commonwealth agency, the order constitutes the Bidder/Contractor's authority to furnish the item(s) to the agency at the time(s) and place(s) specified in the order. RFQ, as used herein, means Request for Quotations, Invitation for Bids, Invitation to Qualify, or Request for Proposals, as appropriate.

Item	Description	Material/Service No.	Quantity	UOM	Price	Per Unit	TOTAL
00010	RADIO,WORK ZONE ALERT,TRAFCON	275292	0	EA	3,295.00	EA	0.00
Item text TRAFCON WIZARD AR-103 (HAND HELD RADIO)							
00020	SIGN,SPEED DISPLAY,TRAILER MTD,TRAFCON	275318	0	EA	5,640.00	EA	0.00
Item text TRAFCON SST-1R SPEED DISPLAY							
00030	SIGN,CHANGEABLE MESSAGE,VEH.MTD,ADDCO	275293	0	EA	9,449.99	EA	0.00
Item text ADDCO BRICK (84 X 42) SIGN							

*** SEE LAST PAGE FOR TOTAL VALUE OF CONTRACT ***



ORIGINAL

Page 2 / 2

Contract Number: 4600008549

Creation Date: 06/06/2005

Vendor Name:

TRAFCON INDUSTRIES INC

Item	Description	Quantity	UOM	Price	Per Unit	TOTAL
Material/Service No.						

-----SUPPLEMENTAL INFORMATION-----

Header text

CONTACT PERSON: Mark MacSkimming

PHONE #: (717) 691-8007

FAX #: (717) 697-0813

E-MAIL: www.Trafcon.com

PIGGYBACKING: YES

Shipping instructions

ALL DELIVERIES ARE AT PENNDOT EQUIPMENT DIVISION
17th STREET AND ARSENAL BLVD., HARRISBURG, PA. 17120

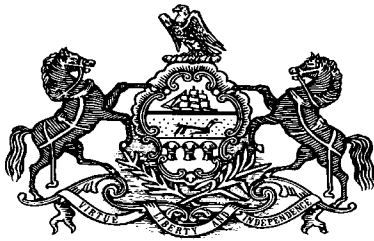
ALL SHIPMENTS ARE FOB, DESTINATION PRE-PAID AND ALLOWED.

INCLUDE ALL SHIPPING COSTS IN YOUR BID PRICE.

NO FURTHER INFORMATION FOR THIS CONTRACT

Currency: USD

900,000.00
ESTIMATED VALUE



All using Agencies of the Commonwealth, Political Subdivision,
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ORIGINAL

Page 1 / 2

Contract Number: 4600008552

Creation Date: 06/06/2005

Purchasing Agent:

Name: Lisa Vega

Phone: (717) 346-4290

Fax: (717) 783-6241

E-mail: lvega@state.pa.us

Valid from/to: 06/06/2005 - 03/31/2006

Your vendor number with us: 161100

Vendor Name/Address:

TRAFFIX DEVICES INC
220 CALLE PINTORESCO
SAN CLEMENTE CA 92672-7505

Vendor Fax Number: 949-361-9205

Your Quotation: Date:

Collective No.: CN00013603

Our Quotation: 6000072950

Please Deliver To:

*** TBD AT TIME OF PURCHASE ORDER ***

*** UNLESS SPECIFIED BELOW ***

Payment Terms: NET 30

The Commonwealth of Pennsylvania, through the Department of General Services, accepts the submission of the Bidder/Contractor for the awarded item(s) at the price(s) set forth below in accordance with: 1) the RFQ submitted by the Bidder/Contractor, if any; 2) the documents attached to this Contract or incorporated by reference, if any, and 3) the contract terms and conditions stored on the website address at www.dgs.state.pa.us for this type of Contract as of the date of the RFQ, if any, or other solicitation for this Contract, all of which, as appropriate, are incorporated herein by reference. When the Bidder/Contractor receives an order from a Commonwealth agency, the order constitutes the Bidder/Contractor's authority to furnish the item(s) to the agency at the time(s) and place(s) specified in the order. RFQ, as used herein, means Request for Quotations, Invitation for Bids, Invitation to Qualify, or Request for Proposals, as appropriate.

Item	Description	Quantity	UOM	Price	Per Unit	TOTAL
	Material/Service No.					
00010	ATTENUATORS&PARTS ,TMA ,TRAFFIX DEVICES					
	275291	0	EA	14,100.00	EA	0.00
Item text	SCORPION 10,000 MODEL C					

*** SEE LAST PAGE FOR TOTAL VALUE OF CONTRACT ***



ORIGINAL

Page 2 / 2

Contract Number: 4600008552

Creation Date: 06/06/2005

Vendor Name:

TRAFFIX DEVICES INC

Item	Description	Quantity	UOM	Price	Per Unit	TOTAL
Material/Service No.						

-----SUPPLEMENTAL INFORMATION-----

Header text

CONTACT PERSON: Julie Edwards

PHONE #: (949) 361-5663

FAX #: (949) 361-9205

E-MAIL: jedwards@traffixdevices.com

PIGGYBACKING: YES

Shipping instructions

ALL DELIVERIES ARE AT PENNDOT EQUIPMENT DIVISION
17th STREET AND ARSENAL BLVD., HARRISBURG, PA. 17120

ALL SHIPMENTS ARE FOB, DESTINATION PRE-PAID AND ALLOWED.

INCLUDE ALL SHIPPING COSTS IN YOUR BID PRICE.

NO FURTHER INFORMATION FOR THIS CONTRACT

Currency: USD

900,000.00
ESTIMATED VALUE



All using Agencies of the Commonwealth, Political Subdivision,
Authorities, Private Colleges and Universities

REPRINT

Page 1 / 2

Contract Number: 4600008545

Creation Date: 06/06/2005

Purchasing Agent:

Name: Lisa Vega

Phone: (717) 346-4290

Fax: (717) 783-6241

E-mail: lvega@state.pa.us

Valid from/to: 06/06/2005 - 03/31/2006

Your vendor number with us: 170654

Vendor Name/Address:

TRINITY INDUSTRIES INC

1170 N STATE ST

GIRARD OH 44420-1794

Vendor Fax Number: 330-545-0538

Your Quotation: Date:

Collective No.: CN00013603

Our Quotation: 6000072953

Please Deliver To:

*** TBD AT TIME OF PURCHASE ORDER ***

*** UNLESS SPECIFIED BELOW ***

Payment Terms: NET 30

The Commonwealth of Pennsylvania, through the Department of General Services, accepts the submission of the Bidder/Contractor for the awarded item(s) at the price(s) set forth below in accordance with: 1) the RFQ submitted by the Bidder/Contractor, if any; 2) the documents attached to this Contract or incorporated by reference, if any, and 3) the contract terms and conditions stored on the website address at www.dgs.state.pa.us for this type of Contract as of the date of the RFQ, if any, or other solicitation for this Contract, all of which, as appropriate, are incorporated herein by reference. When the Bidder/Contractor receives an order from a Commonwealth agency, the order constitutes the Bidder/Contractor's authority to furnish the item(s) to the agency at the time(s) and place(s) specified in the order. RFQ, as used herein, means Request for Quotations, Invitation for Bids, Invitation to Qualify, or Request for Proposals, as appropriate.

Item	Description	Quantity	UOM	Price	Per Unit	TOTAL
	Material/Service No.					
00010	TRINITY IND. TMA					
	283871	0	EA	9,825.25	EA	0.00
Item text	MPS-350 WITH 959B EXTENSION BRACKET					

00020	TRINITY IND. TMA					
	283871	0	EA	79.75	EA	0.00
Item text	STAGE ONE REPAIR KIT #74412B (RIP PLATES AND BOLTS ONLY)					

*** SEE LAST PAGE FOR TOTAL VALUE OF CONTRACT ***



REPRINT

Page 2 / 2

Contract Number: 4600008545

Creation Date: 06/06/2005

Vendor Name:

TRINITY INDUSTRIES INC

Item	Description				
	Material/Service No.	Quantity	UOM	Price	Per Unit
					TOTAL

-----SUPPLEMENTAL INFORMATION-----

Header text

CONTACT PERSON: George Eicher

PHONE #330-545-4373

FAX #330-545-0538

E-MAIL: george.eicher@trin.net

Shipping instructionsALL DELIVERIES ARE AT PENNDOT EQUIPMENT DIVISION
17th STREET AND ARSENAL BLVD., HARRISBURG, PA. 17120

ALL SHIPMENTS ARE FOB, DESTINATION PRE-PAID AND ALLOWED.

INCLUDE ALL SHIPPING COSTS IN YOUR BID PRICE.

NO FURTHER INFORMATION FOR THIS CONTRACT

Currency: USD

900,000.00
ESTIMATED VALUE

Contract Legacy Number: 9905-07
Collective Number: CN00013603
SAP Contract Number: Various
Change Number: 1
Change Effective Date: 01/27/2006

**COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF GENERAL SERVICES
HARRISBURG**

For: Commonwealth Department of Transportation
Subject: Work Zone Traffic Protection Equipment Contract
Contract Period: Beginning June 6, 2005 and Ending March 31, 2006
(Renewed through March 31, 2007)
Buyer Name: Robin Morse

CHANGE SUMMARY: I. Contract Renewal II. Contract Revisions

Contract Renewal - In accordance with the option to renew clause in this contract, the Commonwealth and the contractors listed below have mutually agreed to renew this contract for an additional year. The new contract period will be from April 1, 2006 through March 31, 2007. This is the first and only renewal allowed within this contract.

<u>CONTRACTOR NAME</u>	<u>SAP CONTRACT NUMBER</u>
TRINITY INDUSTRIES INC.....	4600008545
PROTECTION SERVICES INC.....	4600008546
INTUITIVE CONTROL SYSTEMS LLC DBA ALL TRAFFIC SOLUTIONS.....	4600008547
ENERGY ABSORPTION SYSTEMS INC.....	4600008548
TRAFCON INDUSTRIES INC.....	4600008549
DIMENSIONAL PRODUCTS INC.....	4600008550
ADDCO INC.....	4600008551
TRAFFIX DEVICES INC.....	4600008552

Contract Revisions - 1. Let it be known that on PROTECTION SERVICES INC Item Sheet page 1 of 2 that Item #10 (Contract Item #300) PORT CHANGEABLE MESSAGE SIGN SMC-2000 offered at a price of \$22,125.00 includes radar but does not include any of the optional equipment outlined in the contract specifications.

2. Replace the **INQUIRIES** section of the **SPECIAL CONTRACT TERMS AND CONDITIONS** with the following:

INQUIRIES: Direct all questions concerning this contract to the appropriate Commodity Specialist named herein:

Robin Morse
Commodity Specialist
Department of General Services
Bureau of Procurement
555 Walnut Street, 6th Floor
Harrisburg, PA 17101-1914
717-346-8180 (Phone)
717-783-6241 (Fax)
Email: rmorse@state.pa.us

ALL OTHER TERMS AND CONDITIONS OF THIS AGREEMENT NOT CHANGED BY THIS CHANGE NOTICE REMAIN AS ORIGINALLY WRITTEN.

Contract Legacy Number: 9905-07
Collective Number: CN00013603
SAP Contract Number: Various
Change Number: 2
Change Effective Date: 02/01/2007

**COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF GENERAL SERVICES
HARRISBURG**

For: Commonwealth Department of Transportation
Subject: Work Zone Traffic Protection Equipment Contract
Contract Period: Beginning June 6, 2005 and Ending March 31, 2006
(Renewed through March 31, 2007)
Buyer Name: Robin Morse

CHANGE SUMMARY: I. Contract Extension

I. Contract Extension – The Commonwealth hereby exercises its right to extend the contract in accordance with the following clause contained in the SPECIAL CONTRACT TERMS AND CONDITIONS:

Option To Extend: The Department of General Services reserves the right, upon notice to the Contractor, to extend the Contract or any part of the Contract for up to three (3) months upon the same terms and conditions. This will be utilized to prevent a lapse in Contract coverage and only for the time necessary, up to three (3) months, to enter into a new contract.

ALL OTHER TERMS AND CONDITIONS OF THIS AGREEMENT NOT CHANGED BY THIS CHANGE NOTICE REMAIN AS ORIGINALLY WRITTEN.