

SERIAL 08108 C TRAFFIC SIGNAL POLES AND COMPONENTS

DATE OF LAST REVISION: January 14, 2009 CONTRACT END DATE: January 31, 2012

CONTRACT PERIOD THROUGH JANUARY 31, 2012

TO: All Departments
FROM: Department of Materials Management
SUBJECT: Contract for **TRAFFIC SIGNAL POLES AND COMPONENTS**

Attached to this letter is published an effective purchasing contract for products and/or services to be supplied to Maricopa County activities as awarded by Maricopa County on **January 14, 2009**.

All purchases of products and/or services listed on the attached pages of this letter are to be obtained from the vendor holding the contract. Individuals are responsible to the vendor for purchases made outside of contracts. The contract period is indicated above.

Wes Baysinger, Director
Materials Management

AS/bg
Attach

Copy to: Materials Management
 Jim Baker, Public Works

(Please remove Serial 03120-C / 05109-C from your contract notebooks)

INVITATION FOR BID FOR: TRAFFIC SIGNAL POLES AND COMPONENTS

1.0 INTENT:

The intent of this Invitation for Bid is to establish a pricing agreement for the purpose of obtaining Traffic Signal Poles and Components to be used by the Maricopa County Department of Transportation. Delivery is required F.O.B. Destination, to any delivery location within Maricopa County as covered by Purchase Order only.

2.0 SPECIFICATIONS:

2.1 TECHNICAL REQUIREMENTS:

Material provided shall be in accordance with the requirements of Maricopa County Department of Transportation (MCDOT) Supplement to the Maricopa Association of Governments' Uniform Standard Specifications for Public Works Construction (MAG) Details 4738, 4739, 4740, 4741-1, 4741-2, 4742, 4743, 4744, 4748, 4749-1, 4749-2, and 4750

2.1.1 TRAFFIC SIGNAL POLES:

2.1.1.1 Description:

Traffic signal poles of the type described shall be furnished in accordance with the requirements of the MCDOT Details, and these specifications.

2.1.2 STANDARD SIGNAL POLES:

2.1.2.1 General:

Standard poles for traffic signals include a shaft, base, anchor bolts, mast arms (if required), and other hardware required to support the traffic signal apparatus. Material standards for traffic signal poles shall be in conformance with the 1994 edition of the AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaries and Traffic Signals.

All pole supports shall be designed to withstand 80 mph winds. Metal parts of standard poles and hardware shall conform to the details shown on the MCDOT Details and these specifications. (See individual Exhibits for each pole.)

All welding and inspection of welding for structural steel shall be performed in accordance with the requirements of the American Welding Society (AWS) structural welding code AWS D1.1-80, and of the AASHTO Standard Specifications for Welding of Structural Steel Highway Bridges. In the event of any conflict, the latter specifications shall govern.

2.1.2.2 General:

The use of electro-slag welding process on structural steel will not be permitted.

2.1.3 TYPES OF POLES:

2.1.3.1 Types of poles to be furnished and the associated detail drawing are as follows:

- 2.1.3.1.1 Type "A", MCDOT Detail No. 4738 (Exhibit 4)
- 2.1.3.1.2 Type "E", MCDOT Detail No. 4740 (Exhibit 6)
- 2.1.3.1.3 Type "F", MCDOT Detail No. 4741-1 (Exhibit 7)
- 2.1.3.1.4 Type "J", MCDOT Detail No. 4742 (Exhibit 9)
- 2.1.3.1.5 Type "Q", MCDOT Detail No. 4743 (Exhibit 10)

- 2.1.3.1.6 Type "K", MCDOT Detail No. 4748 (Exhibit 12)
- 2.1.3.1.7 Type "R", MCDOT Detail No. 4749-1 (Exhibit 13)

2.1.3.2 TYPE "A" TRAFFIC SIGNAL POLE:

2.1.3.2.1 Type "A" traffic signal pole shall be identified by pole length, for example:

- A-14 shall be 14' in length.
- A-16 shall be 16' in length.
- A-18 shall be 18' in length

2.1.3.2.2 Pole Shaft:

- 2.1.3.2.2.1 The "A" pole shaft shall be fabricated of standard 4-inch galvanized pipe, schedule 40, (4-1/2 inch O.D. x .237 wall).
- 2.1.3.2.2.2 Steel pole shafts shall be galvanized in accordance with the requirements of ASTM A 123.
- 2.1.3.2.2.3 Hand holes in the base of the poles shall conform to the details shown on the MCDOT Detail No. 4739 Exhibit 5).
- 2.1.3.2.2.4 All welds shall be continuous and any exposed welds, except fillet welds, shall be ground flush with the base metal.
- 2.1.3.2.2.5 A metal tag shall be permanently attached to the pole above the hand hole stating the manufacturer's name, pole type, pole drawing number, shaft length and gauge number.

2.1.3.2.3 Base Plate:

- 2.1.3.2.3.1 The "A" pole base plates shall be in accordance with the details as shown on MCDOT Detail No. 4738 (Exhibit 4) and shall conform to the minimum strength requirements of ASTM A 36 (Exhibit 4).
- 2.1.3.2.3.2 Exposed surfaces shall be finished smooth and all exposed edges shall be neatly rounded to a 1/8 inch radius.
- 2.1.3.2.3.3 Bases shall be galvanized in accordance with the requirements of ASTM A 123.

2.1.3.2.4 Anchor Bolts:

- 2.1.3.2.4.1 All "A" pole anchor bolts shall be in accordance with MCDOT Detail No. 4725 (Exhibit 2).

2.1.3.3 TYPE "E" & "F" TRAFFIC SIGNAL POLE:

2.1.3.3.1 Type "E" - A mast arm traffic signal pole; See MCDOT Detail No. 4740 (Exhibit 6).

2.1.3.3.2 Type "F" - A combination mast arm traffic signal pole and roadway luminaire support; See MCDOT Detail No. 4741-1 (Exhibit 7).

2.1.3.3.3 Pole Shafts:

- 2.1.3.3.3.1 The "E" and "F" tapered pole shafts shall be fabricated from sheet steel of weldable grade, which shall meet or exceed the minimum strength requirements of ASTM A 36.

- 2.1.3.3.3.1.1 A taper rate of 0.14 inches in diameter per linear foot shall be required unless otherwise specified.
- 2.1.3.3.3.2 Pole shafts shall be galvanized in accordance with the requirements of ASTM A 123.
- 2.1.3.3.3.3 Pole shafts shall be fabricated according to the gauge requirements shown on the MCDOT Detail No. 4740 (Exhibit 6) and 4741-1 (Exhibit 7).
- 2.1.3.3.3.4 Pole shafts shall be straight with a permissive variation not to exceed one inch measured at the midpoint.
- 2.1.3.3.3.5 Hand holes in the base of the poles shall conform to the details as shown on the MCDOT Detail No. 4739 (Exhibit 5).
 - 2.1.3.3.3.5.1 All welds shall be continuous and any exposed welds, except fillet welds, shall be ground flush with the base metal.
- 2.1.3.3.3.6 A metal tag shall be permanently attached to the pole above the hand hole stating the manufacturer's name, pole type, pole drawing number, shaft length and gauge number.

2.1.3.3.4 Base Plates:

- 2.1.3.3.4.1 The "E" and "F" pole base plates shall conform to the details as shown on MCDOT Detail No. 4741-2 (Exhibit 8), and shall conform to the minimum strength requirements of ASTM A 36 (Exhibit 8).
- 2.1.3.3.4.2 Exposed surfaces shall be finished smooth and all exposed edges shall be neatly rounded to a 1/8 inch radius.
- 2.1.3.3.4.3 Bases shall be galvanized in accordance with the requirements of ASTM A 123.

2.1.3.3.5 Mast Arms:

- 2.1.3.3.5.1 The "E" and "F" tapered mast arms shall be fabricated from sheet steel conforming to the requirements of ASTM A 36.
- 2.1.3.3.5.2 Mast arms shall be fabricated according to the gauge requirements shown on the MCDOT Details 4740 (Exhibit 6), 4741-1 (Exhibit 7) and 4741-2 (Exhibit 8).
 - 2.1.3.3.5.2.1 A tapered rate of 0.14 inches change in diameter per linear foot shall be required unless otherwise specified.
 - 2.1.3.3.5.2.2 All bolts shall be fabricated from steel conforming to the requirements of ASTM A325 and shall be electro-galvanized in accordance with the requirements of ASTM B 633.
- 2.1.3.3.5.3 Mast arms shall be bent to the dimensions and curvature shown on the MCDOT Details 4740 (Exhibit 6) and 4741-1 (Exhibit 7).
 - 2.1.3.3.5.3.1 When bolted to the pole shaft, the mast arm end over the roadway shall adjust to the horizontal.
- 2.1.3.3.5.4 A metal tag shall be permanently attached on the side of the mast arm near the base stating the manufacturer's name, mast arm or pole drawing number, length and gauge number.

2.1.3.3.6 Anchor Bolts:

- 2.1.3.3.6.1 All "E" and "F" anchor bolts shall conform to the details as shown on the MCDOT Detail 4726 (Exhibit 3).

2.1.3.3.7 Documentation:

- 2.1.3.3.7.1 The vendor shall submit, with their bid for the type "E" and "F" poles, shop drawings and specifications on these types and accessories that the vendor proposes to furnish.

2.1.3.3.8 Warranties:

- 2.1.3.3.8.1 Each signal pole shall be warranted by the manufacturer against all defects in material and workmanship for a period of 12 months and in accordance with the requirements of MAG subsection 108.8.

2.1.3.4 TYPE "J" & "Q" TRAFFIC SIGNAL POLE:

2.1.3.4.1 These two types of poles are the standard style to be used when mast arm traffic signal poles are to be furnished or identified on the signal plan.

2.1.3.4.1.1 Type "J" - A mast arm traffic signal pole; MCDOT Detail No. 4742 (Exhibit 9).

2.1.3.4.1.2 Type "Q" - A combination mast arm traffic signal pole and roadway luminaire support; MCDOT Detail No. 4743 (Exhibit 10).

2.1.3.4.2 Pole Shafts:

2.1.3.4.2.1 The "J" and "Q" tapered pole shafts shall be fabricated from sheet steel of weldable grade, which shall meet or exceed the minimum strength requirements of ASTM A 36.

2.1.3.4.2.1.1 A taper rate of 0.14 inches in diameter per linear foot shall be required unless otherwise specified.

2.1.3.4.2.2 Pole shafts shall be galvanized in accordance with the requirements of ASTM A 123.

2.1.3.4.2.3 Pole shafts shall be fabricated according to the gauge requirements shown on the MCDOT Details 4742 (Exhibit 9) and 4743 (Exhibit 10).

2.1.3.4.2.4 Pole shafts shall be straight with a permissive variation not to exceed one inch measured at the midpoint. Hand holes in the base of the poles shall conform to the details shown on the MCDOT Detail 4739 (Exhibit 5).

2.1.3.4.2.4.1 All welds shall be continuous and any exposed welds, except fillet welds, shall be ground flush with the base metal.

2.1.3.4.2.5 A metal tag shall be permanently attached to the pole above the hand hole stating the manufacturer's name, pole type, pole drawing number, shaft length and gauge number.

2.1.3.4.3 Base Plates:

2.1.3.4.3.1 The "J" and "Q" pole base plates shall be fabricated in accordance with the details as shown on MCDOT Detail 4744 (Exhibit 11), and shall conform to the minimum strength requirements of ASTM A 36.

2.1.3.4.3.2 Exposed surfaces shall be finished smooth and all exposed edges shall be neatly rounded to a 1/8 inch radius.

2.1.3.4.3.3 Bases shall be galvanized in accordance with the requirements of ASTM A 123.

2.1.3.4.4 Mast Arms:

- 2.1.3.4.4.1 The "J" and "Q" tapered mast arms shall be fabricated from sheet steel conforming to the requirements of ASTM A 36.
- 2.1.3.4.4.2 Mast arms shall be fabricated according to the gauge requirements shown on the MCDOT Details 4742 (Exhibit 9) and 4743 (Exhibit 10).
 - 2.1.3.4.4.2.1 A tapered rate of 0.14 inches change in diameter per linear foot shall be required unless otherwise specified.
 - 2.1.3.4.4.2.2 All bolts for mast arms shall be fabricated from steel conforming to the requirements of ASTM A 325 and shall be electro-galvanized in accordance with the requirements of ASTM B 633.
- 2.1.3.4.4.3 Mast arms shall be bent to the dimensions and curvature shown on the MCDOT Details 4742 (Exhibit 9) and 4743 (Exhibit 10).
 - 2.1.3.4.4.3.1 When bolted to the pole shaft, the mast arm end over the roadway shall adjust to the horizontal.
- 2.1.3.4.4.4 A metal tag shall be permanently attached on the side of the mast arm near the base stating the manufacturer's name, mast arm or pole drawing number, length and gauge number.

2.1.3.4.5 Anchor Bolts:

- 2.1.3.4.5.1 All "J" and "Q" anchor bolts shall conform to the details as shown on MCDOT Detail No. 4726 (Exhibit 3).

2.1.3.4.6 Documentation:

- 2.1.3.4.6.1 The vendor shall submit, with their bid for the type "J" and "Q" poles, shop drawings and specifications on these types and accessories that the vendor proposes to furnish.

2.1.3.4.7 Warranties:

- 2.1.3.4.7.1 Each signal pole shall be warranted by the manufacturer against all defects in material and workmanship for a period of 12 months and in accordance with the requirements of MAG subsection 108.8.

2.1.3.5 TYPE "K" & "R" TRAFFIC SIGNAL POLE:

2.1.3.5.1 These two types of poles are the standard style to be used when mast arm traffic signal poles are to be furnished or identified on the signal plan.

- 2.1.3.5.1.1 Type "K" - A mast arm traffic signal pole; MCDOT Detail No. 4748 (Exhibit 12).
- 2.1.3.5.1.2 Type "R" - A combination mast arm traffic signal pole and roadway luminaire support; MCDOT Detail No. 4749-1 (Exhibit 13).

2.1.3.5.2 Pole Shafts:

- 2.1.3.5.2.1 The "K" and "R" tapered pole shafts shall be fabricated from sheet steel of weldable grade, which shall meet or exceed the minimum strength requirements of ASTM A 36.
 - 2.1.3.5.2.1.1 A taper rate of 0.14 inches in diameter per linear foot shall be required unless otherwise specified.
- 2.1.3.5.2.2 Pole shafts shall be galvanized in accordance with the requirements of ASTM A 123.
- 2.1.3.5.2.3 Pole shafts shall be fabricated according to the gauge requirements shown on the MCDOT Details 4748 (Exhibit 12) and 4749-1 (Exhibit 13).
- 2.1.3.5.2.4 Pole shafts shall be straight with a permissive variation not to exceed one inch measured at the midpoint.
- 2.1.3.5.2.5 Hand holes in the base of the poles shall conform to the details shown on the MCDOT Detail S-204-9.
 - 2.1.3.5.2.5.1 All welds shall be continuous and any exposed welds, except fillet welds, shall be ground flush with the base metal.
- 2.1.3.5.2.6 A metal tag shall be permanently attached to the pole above the hand hole stating the manufacturer's name, pole type, pole drawing number, shaft length and gauge number.

2.1.3.5.3 Base Plates:

- 2.1.3.5.3.1 The "K" and "R" pole base plates shall be fabricated in accordance with the details as shown on MCDOT Detail 4749-2 (Exhibit 14), and shall conform to the minimum strength requirements of ASTM A 36.
- 2.1.3.5.3.2 Exposed surfaces shall be finished smooth and all exposed edges shall be neatly rounded to a 1/8 inch radius.
- 2.1.3.5.3.3 Bases shall be galvanized in accordance with the requirements of ASTM A 123.

2.1.3.5.4 Mast Arms:

- 2.1.3.5.4.1 The "K" and "R" tapered mast arms shall be fabricated from sheet steel conforming to the requirements of ASTM A 36.
- 2.1.3.5.4.2 Mast arms shall be fabricated according to the gauge requirements shown on the MCDOT Details 4748 (Exhibit 12) and 4749-1 (Exhibit 13).
 - 2.1.3.5.4.2.1 A tapered rate of 0.14 inches change in diameter per linear foot shall be required unless otherwise specified.
 - 2.1.3.5.4.2.2 All bolts for mast arms shall be fabricated from steel conforming to the requirements of ASTM A 325 and shall be electro-galvanized in accordance with the requirements of ASTM B 633.
- 2.1.3.5.4.3 Mast arms shall be bent to the dimensions and curvature shown on the MCDOT Details 4748 (Exhibit 12) and 4749-1 (Exhibit 13).
 - 2.1.3.5.4.3.1 When bolted to the pole shaft, the mast arm end over the roadway shall adjust to the horizontal.
- 2.1.3.5.4.4 A metal tag shall be permanently attached on the side of the mast arm near the base stating the manufacturer's name,

mast arm or pole drawing number, length and gauge number.

2.1.3.5.5 Anchor Bolts:

2.1.3.5.5.1 All "K" and "R" anchor bolts shall conform to the details as shown on MCDOT Detail No. 4726 (Exhibit 3).

2.1.3.5.6 Documentation:

2.1.3.5.6.1 The vendor shall submit, with their bid for the type "K" and "R" poles, shop drawings and specifications on these types and accessories that the vendor proposes to furnish.

2.1.3.5.7 Warranties:

2.1.3.5.7.1 Each signal pole shall be warranted by the manufacturer against all defects in material and workmanship for a period of 12 months and in accordance with the requirements of MAG subsection 108.8.

2.1.4 TRAFFIC SIGNAL HARDWARE:

2.1.4.1 Hardware & Fittings

2.1.4.1.1 Tee, 1-1/2" reamed with set screw, painted flat black, Traffic Signal Hardware #TSH0571 or equal

2.1.4.1.2 Pole, 72" x 4" diameter, spun aluminum with threads, Pelco #PB5100-L or equal

2.1.4.1.3 Elbow, 1-1/2" malleable reamed with set screw, Traffic Signal Hardware #TSH0173 or equal

2.1.4.1.4 Elbow, 1-1/2", malleable, serrated, Traffic Signal Hardware #TSH0174 or equal

2.1.4.1.5 Tee, 1-1/2", reamed on outlet, Traffic Signal Hardware #TSH0202 or equal

2.1.4.1.6 Tee, 1-1/2", reamed on run, Traffic Signal Hardware #TSH0203 or equal

2.1.4.1.7 Door, Horizontal terminal compartment including gasket, Traffic Signal Hardware #TSH1104 or equal

2.1.4.1.8 Hub Plate, without cable guide, (with special Modification for Maricopa County), Black, Pelco #SE0445 or equal

2.1.4.1.9 Terminal Compartment, sidemount, Traffic Signal Hardware #TSH0001 or equal

2.1.4.1.10 Nipple, Traffic Signal Hardware TSH #0571 or equal

2.1.4.1.11 Coupling, Traffic Parts #3480 or equal

2.1.4.1.12 Cap, Ornament, short, Traffic Signal Hardware #TSH0501 or equal

2.1.4.1.13 Cap, Ornament, long, Traffic Signal Hardware #TSH0503 or equal

2.1.4.1.14 Adapter, post top, terminal compartment 2-way Traffic Signal Hardware #TSH0031-A or equal

2.1.4.1.15 Elbow, 1-1/2", serrated, painted flat black Traffic Signal Hardware #TSH0174 or equal

2.1.4.1.16 Locknipple, 1-1/2", long, painted flat black, Traffic Signal Hardware # TSH0571 or equal

2.1.4.1.17 Post top adapter, center mount, Traffic Signal Hardware #TSH0045 or equal

2.1.4.2 Electronic Components

2.1.4.2.1 Flasher Unit, SSD#204D or equal

- 2.1.4.2.2 Push button Assembly, ADA TSP #PB-S11-B01-B or equal
- 2.1.4.2.3 Saddle for pushbutton assembly ADA P/B, TSP#6061 or equal
- 2.1.4.2.4 Retro Kit, Pushbutton, ADA, P/B, TSP #PB-S11-B00-B or equal
- 2.1.4.2.5 Police Manual Pushbutton, Traffic Parts #859-12' or equal
- 2.1.4.2.6 Police Manual Pushbutton, Traffic Parts #859-6' or equal
- 2.1.4.2.7 Police Manual Pushbutton, Traffic Parts #859-3' or equal
- 2.1.4.2.8 Loadswitch, cube type with INP indicator, EDI Model 510-E or equal
- 2.1.4.2.9 TS2 Cabinet Power Supply, EDI #PS200 or equal
- 2.1.4.2.10 Surge Arrestor, EDCO #SHA1210-IRS or equal
- 2.1.4.2.11 2 Channel Loop Detector Card, EDI Model LM 622-E or equal

2.1.4.3 Cable

- 2.1.4.3.1 Cable, 20 conductor, #14 solid, 500' roll, IMSA#19-1 or equal
- 2.1.4.3.2 Cable, 4 conductor, #14 solid, 500' roll, ISMA 19-1 or equal
- 2.1.4.3.3 Cable, Intertie, 19AWG, 6 pair shield, 2,550' roll, IMSA#39-2 or equal
- 2.1.4.3.4 Cable, Telephone, AWG, 6 pair shield 500' roll, Graybar #DB9P24CU39ESS or equal
- 2.1.4.3.5 Loop, Lead-in wire, 14/2 (19) 100' roll, IMSA #50-2 or equal
- 2.1.4.3.6 Loop wire, 14 (19), 100' roll, IMSA #51-3 or equal
- 2.1.4.3.7 Loop, lead-in, 2-conductor, 16AWG, XLPE, Reno A&E #LW-216 or equal

2.1.4.4 Lamps

- 2.1.4.4.1 Lamp, luminaries, clear, 250W HPS, LU250 or equal

2.1.4.5 Pullboxes

- 2.1.4.5.1 Pull box, traffic, lightweight, #5, Christy Fiberlite #FL30 or equal, to read "Danger High Voltage Traffic Signal"
- 2.1.4.5.2 Pull box, traffic, lightweight, #7, Christy Fiberlite #FL36 or equal to read "Danger High Voltage Traffic Signal"

2.1.4.6 Controllers & Controller Cabinets

- 2.1.4.6.1 Controller, 8-Phase, TS2 Type 2 Econolite #ASC321010100000 or equal
- 2.1.4.6.2 Controller Cabinet, 8-Phase TS-2, TYPE1(PLUG-N-GO), Econolite #6685 or equal
- 2.1.4.6.3 Video Detection System – 4 Camera with TS2 Detector Interface Card, Econolite Solo Pro II, Econolite Solo Terra, or equal

2.2 DELIVERY:

Delivery shall be F.O.B. **Destination** within seventy-five (75) days of receipt of Using Agency purchase order, to any delivery location within Maricopa County.

2.3 EXPEDITED DELIVERY:

- 2.3.1 If the Using Agency determines that rush shipping or other alternate shipping is required, it shall notify the Contractor. The Contractor shall determine any additional costs associated with such delivery terms and communicate that cost to the Using Agency.
- 2.3.2 The Using Agency shall not advise the Contractor to proceed with an expedited shipment until acceptable terms are agreed upon and a purchase order is issued. Upon agreeing to the additional costs, the Using Agency shall advise the Contractor to proceed.

2.3.3 Upon receipt of material(s) and invoicing, the Using Agency shall ensure that any additional charges are in compliance with and do not exceed agreed to costs. The Using Agency shall retain all documents related to these costs within the agency purchase file.

2.4 SHIPPING DOCUMENTS:

A packing list or other suitable shipping document shall accompany each shipment and shall include the following:

2.4.1 Contract Serial number.

2.4.2 Contractor's name and address.

2.4.3 Using Agency name and address.

2.4.4 Using Agency purchase order number.

2.4.5 A description of product(s) shipped, including item number(s), quantity (ies), number of containers and package number(s), as applicable.

2.5 SAMPLES:

The Contractor may be requested to furnish samples of material(s) bid for examination by the County. Any materials so requested shall be furnished within five (5) working days from the date of request and furnished at no cost to the County and sent to the address designated in the requesting correspondence.

2.6 TESTING:

Unless otherwise specified, materials purchased will be inspected by the Using Agency to ensure the materials meet the quality and quantity requirements of the Specifications. When deemed necessary by the County, samples of the materials may be taken at random from stock received for submission to a commercial laboratory or other appropriate agency for analysis and tests as to whether the materials conform in all respects to the Specifications. In cases where commercial laboratory reports indicate that the materials do not meet the Specifications, the expense of such analysis shall be borne by the Contractor.

2.7 ACCEPTANCE:

Upon delivery the material(s) shall be deemed accepted and the warranty period shall begin. All documentation shall be completed prior to final acceptance.

2.8 STOCK:

The Contractor shall be expected to stock, sufficient quantities as may be necessary to meet the County's needs.

2.9 DISCONTINUED MATERIALS:

2.9.1 In the event that a manufacturer discontinues materials, the County may allow the Contractor to provide a substitute for the discontinued item or may cancel the Contract. If the Contractor requests permission to substitute a new material, the Contractor shall provide the following to the County:

2.9.1.1 Documentation from the manufacturer that the material has been discontinued.

2.9.1.2 Documentation that names the replacement material.

- 2.9.1.3 Documentation that provides clear and convincing evidence that the replacement material meets or exceeds all specifications required by the original solicitation.
- 2.9.1.4 Documentation that provides clear and convincing evidence that the replacement material will be compatible with all the functions or uses of the discontinued material.
- 2.9.1.5 Documentation confirming that the price for the replacement is the same as or less than the discontinued material.

2.9.2 Material discontinuance applies only to those materials specifically listed on any resultant contract. This will not apply to catalog items not specifically listed on any resultant contract.

2.10 BRAND NAME:

The County reserves the right to request samples to determine quality and acceptability of materials bid by Contractor. In some cases, brand names have been listed in order to define the desired quality and are not intended to be restrictive or to limit competition. Materials substantially equivalent to those designated shall qualify for consideration.

2.11 INVOICES AND PAYMENTS:

2.11.1 **The Contractor shall submit two (2) legible copies of their detailed invoice before payment(s) can be made. At a minimum, the invoice must provide the following information:**

- 2.11.1.1 Company name, address and contact
- 2.11.1.2 County bill-to name and contact information
- 2.11.1.3 Contract Serial Number
- 2.11.1.4 County purchase order number
- 2.11.1.5 Invoice number and date
- 2.11.1.6 Payment terms
- 2.11.1.7 Date of delivery
- 2.11.1.8 Quantity
- 2.11.1.9 Contract Item number(s)
- 2.11.1.10 Description of Purchase (product or services)
- 2.11.1.11 Pricing per unit of purchase
- 2.11.1.12 Extended price
- 2.11.1.13 Total Amount Due

Problems regarding billing or invoicing shall be directed to the using agency as listed on the Purchase Order.

2.11.2 Payment will be made to the Contractor by Accounts Payable through the Maricopa County Vendor Express Payment Program. This is an Electronic Funds Transfer (EFT) process. After Award the Contractor shall fill out an EFT Enrollment form (to be provided by the Procurement Officer) or as located on the County Department of Finance Website as a fillable PDF document (www.maricopa.gov/finance/).

2.11.3 EFT payments to the routing and account numbers designated by the Contractor will include the details on the specific invoices that the payment covers. The Contractor is required to discuss remittance delivery capabilities with their designated financial institution for access to those details.

2.12 TAX:

Tax shall not be levied against labor. Sales/use tax will be determined by County. Tax will not be used in determining low price.

3.0 **SPECIAL TERMS & CONDITIONS:**

3.1 CONTRACT TERM:

This Invitation for Bid is for awarding a firm, fixed-price purchasing contract to cover a three (3) year period.

3.2 OPTION TO EXTEND:

The County may, at their option and with the approval of the Contractor, extend the period of this Contract up to a maximum of three (3), one (1) year options, (or at the County's sole discretion, extend the contract on a month to month basis for a maximum of six (6) months after expiration). The Contractor shall be notified in writing by the Materials Management Department of the County's intention to extend the contract period at least thirty (30) calendar days prior to the expiration of the original contract period.

3.3 PRICE ADJUSTMENTS:

Any requests for reasonable price adjustments must be submitted sixty (60) days prior to the Contract annual anniversary. Requests for adjustment in cost of labor and/or materials must be supported by appropriate documentation. If County agrees to the adjusted price terms, County shall issue written approval of the change. The reasonableness of the request will be determined by comparing the request with the Consumer Price Index or by performing a market survey.

3.4 INDEMNIFICATION

To the fullest extent permitted by law, Contractor shall defend, indemnify, and hold harmless County, its agents, representatives, officers, directors, officials, and employees from and against all claims, damages, losses and expenses, including, but not limited to, attorney fees, court costs, expert witness fees, and the cost of appellate proceedings, relating to, arising out of, or alleged to have resulted from the negligent acts, errors, omissions or mistakes relating to the performance of this Contract. Contractor's duty to defend, indemnify and hold harmless County, its agents, representatives, officers, directors, officials, and employees shall arise in connection with any claim, damage, loss or expense that is attributable to bodily injury, sickness, disease, death, or injury to, impairment, or destruction of property, including loss of use resulting there from, caused by any negligent acts, errors, omissions or mistakes in the performance of this Contract including any person for whose acts, errors, omissions or mistakes Contractor may be legally liable.

The amount and type of insurance coverage requirements set forth herein will in no way be construed as limiting the scope of the indemnity in this paragraph.

The scope of this indemnification does not extend to the sole negligence of County.

3.5 INTERNET ORDERING CAPABILITY:

It is the intent of the County to utilize the Internet to place orders under this Contract. Contractors without this capability may be considered non-responsive and not eligible for award consideration.

3.6 NO GUARANTEED QUANTITIES.

The Contractor understands and hereby acknowledges that the County makes no representations nor guarantees the Contractor any minimum or maximum number of units of product(s) to be provided under this Contract

3.7 ORDERING AUTHORITY.

- 3.7.1 The Contractor should understand that any request for purchase of product(s) shall be accompanied by a valid purchase order, issued by Materials Management, or by a Certified Agency Procurement Aid (CAPA).
- 3.7.2 County departments, cities, other counties, schools and special districts, universities, nonprofit educational and public health institutions may also purchase from under this Contract at their discretion and/or other state and local agencies (Customers) may procure the products under this Contract by the issuance of a purchase order to the Respondent. Purchase orders must cite the Contract number.
- 3.7.3 Contract award is in accordance with the Maricopa County Procurement Code. All requirements for the competitive award of this Contract have been met. A purchase order for the product(s) is the only document necessary for Customers to purchase and for the Contractor to proceed with delivery of product(s) available under this Contract.
- 3.7.4 Any attempt to represent any product not specifically awarded under this Contract is a violation of the Contract. Any such action is subject to the legal and contractual remedies available to the County, inclusive of, but not limited to, Contract cancellation, suspension and/or debarment of the Contractor.

3.8 INQUIRIES AND NOTICES:

All inquiries concerning information herein shall be addressed to:

MARICOPA COUNTY
DEPARTMENT OF MATERIALS MANAGEMENT
ATTN: CONTRACT ADMINISTRATION
320 W. LINCOLN ST.
PHOENIX, AZ 85003

Administrative telephone inquiries shall be addressed to:

ANDREA STUPKA, PROCUREMENT OFFICER, 602-506-3504
(astupka@mail.maricopa.gov)

Inquiries may be submitted by telephone but must be followed up in writing. **NO ORAL COMMUNICATION IS BINDING ON MARICOPA COUNTY.**

3.9 EVALUATION CRITERIA.

- 3.9.1 The evaluation of bids shall be based on, but will not be limited to, the following:
 - 3.9.1.1 Compliance with specifications.
 - 3.9.1.2 Price.
 - 3.9.1.3 Determination of responsibility.
- 3.9.2 The County reserves the right to award in whole or in part, by item or group of items, by section or geographic area, or make multiple awards, where such action serves the County's best interest.

3.10 SUBMISSION PRICE CLARITY.

For reasons of clarity all submissions of pricing (Attachment A) shall be priced in the same unit (size, volume, quantity, weight, etc.) as the bid specifications request. Submissions (bids) failing to comply with this requirement may be declared non-responsive.

3.11 INSTRUCTIONS FOR PREPARING AND SUBMITTING BIDS.

Respondents shall provide their Bids as follows:

3.11.1 One (1) original hardcopy.

3.11.2 One (1) CD providing all Bid response documents in Word, Excel (Attachment A) and all Bid response documents in PDF format.

3.11.2.1 ATTACHMENT A (PRICING)-EXCEL

3.11.2.2 ATTACHMENT B (AGREEMENT)-WORD

3.11.2.3 ATTACHMENT C (REFERENCES)-WORD

3.11.2.4 OTHER DOCUMENTS AS BUYER REQUESTS

3.11.2.4.1 The vendor shall submit, with their bid for the type "E" and "F" poles, shop drawings and specifications on these types and accessories that the vendor proposes to furnish **clearly** labeled. *Provide shop drawings and specifications for all poles on a separate CD.*

3.11.2.4.2 The vendor shall submit, with their bid for the type "J" and "Q" poles, shop drawings and specifications on these types and accessories that the vendor proposes to furnish **clearly** labeled. *Provide shop drawings and specifications for all poles on a separate CD.*

3.11.2.4.3 The vendor shall submit, with their bid for the type "K" and "R" poles, shop drawings and specifications on these types and accessories that the vendor proposes to furnish **clearly** labeled. *Provide shop drawings and specifications for all poles on a separate CD.*

*** Note: If bidding on the shop drawings and specifications referenced above respondents shall provide those documents on a separate CD for a total of two (2) CD's.**

3.11.3 Respondents shall address bids identified with return address, serial number and title in the following manner:

**Maricopa County
Materials Management Department
320 West Lincoln Street
Phoenix, Arizona 85003-2494**

SERIAL 08108 – C, TRAFFIC SIGNAL POLES AND COMPONENTS

3.11.4 Bids must be signed by an owner, partner or corporate official who has been authorized to make such commitments. All prices shall be held firm for a period of one hundred fifty (150) days after the bid closing date.

3.12 TECHNICAL AND DESCRIPTIVE SALES LITERATURE:

The Contractor shall provide copies of its sales literature and brochures and copies of any manufacturer's technical and/or descriptive literature regarding the material(s) the Contractor proposes to provide. Literature shall include sufficient, in-detail, to allow full and fair evaluation of the material(s) submitted, and must be included with the bid. Failure to include this information may result in the bid being rejected.

3.13 ADDITIONAL PRICING:

The Contractor is strongly encouraged to offer additional pricing for related items, materials, components which are not specifically addressed as line items in this solicitation. Pricing offered should be noted on the pricing pages of the Contractor's bid in the format requested.

3.14 CERTIFICATION REGARDING DEBARMENT AND SUSPENSION

3.14.1 The undersigned (authorized official signing for the Contractor) certifies to the best of his or her knowledge and belief, that the Contractor, defined as the primary participant in accordance with 45 CFR Part 76, and its principals:

3.14.1.1 are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any Federal Department or agency;

3.14.1.2 have not within 3-year period preceding this Contract been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;

3.14.1.3 are not presently indicted or otherwise criminally or civilly charged by a government entity (Federal, State or local) with commission of any of the offenses enumerated in paragraph (2) of this certification; and

3.14.1.4 have not within a 3-year period preceding this Contract had one or more public transaction (Federal, State or local) terminated for cause of default.

3.14.2 Should the Contractor not be able to provide this certification, an explanation as to why should be attached to the Contract.

3.14.3 The Contractor agrees to include, without modification, this clause in all lower tier covered transactions (i.e. transactions with subcontractors) and in all solicitations for lower tier covered transactions related to this Contract.

3.15 VERIFICATION REGARDING COMPLIANCE WITH ARIZONA REVISED STATUTES §41-4401 AND FEDERAL IMMIGRATION LAWS AND REGULATIONS:

3.15.1 By entering into the Contract, the Contractor warrants compliance with the Federal Immigration and Nationality Act (FINA) and all other Federal immigration laws and regulations related to the immigration status of its employees. The contractor shall obtain statements from its subcontractors certifying compliance and shall furnish the statements to the Procurement Officer upon request. These warranties shall remain in effect through the term of the Contract. The Contractor and its subcontractors shall also maintain Employment Eligibility Verification forms (I-9) as required by the U.S. Department of Labor's Immigration and Control Act, for all employees performing work under the Contract. I-9 forms are available for download at USCIS.GOV.

3.15.2 The County may request verification of compliance for any contractor or subcontractor performing work under the Contract. Should the County suspect or find that the Contractor or any of its subcontractors are not in compliance, the County may pursue any and all remedies allowed by law, including, but not limited to: suspension of work, termination of the Contract for default, and suspension and/or debarment of the Contractor. All costs necessary to verify compliance are the responsibility of the Contractor.

3.16 VERIFICATION REGARDING COMPLIANCE WITH ARIZONA REVISED STATUTES §§35-391.06 AND 35-393.06 BUSINESS RELATIONS WITH SUDAN AND IRAN:

3.16.1 By entering into the Contract, the Contractor certifies it does not have scrutinized business operations in Sudan or Iran. The contractor shall obtain statements from its subcontractors certifying compliance and shall furnish the statements to the Procurement Officer upon request. These warranties shall remain in effect through the term of the Contract.

3.16.2 The County may request verification of compliance for any contractor or subcontractor performing work under the Contract. Should the County suspect or find that the Contractor or any of its subcontractors are not in compliance, the County may pursue any and all remedies allowed by law, including, but not limited to: suspension of work, termination of the Contract for default, and suspension and/or debarment of the Contractor. All costs necessary to verify compliance are the responsibility of the Contractor.

3.17 POST AWARD MEETING:

The Contractor may be required to attend a post-award meeting with the Using Agency to discuss the terms and conditions of this Contract. This meeting will be coordinated by the Procurement Officer of the Contract.

AMERON INTERNATIONAL POLE PRODUCTS, 2333 S. YUKON, TULSA, OK 74107

WILLING TO ACCEPT FUTURE SOLICITATIONS VIA EMAIL: YES NO

INTERNET ORDERING CAPABILITY: YES NO % DISCOUNT

OTHER GOV'T. AGENCIES MAY USE THIS CONTRACT: YES NO

PRICING SHEET NIGP CODE: 5508501

1.0 PRICING:

ITEM DESCRIPTION	ESTIMATED ANNUAL QUANTITY	MANUFACTURER MODEL	UNIT PRICE
1.1 Traffic Signal Poles			
1.1.2 Type "E" Traffic Signal Pole Assemblies (S-204-2)			
1.1.2.1 Pole Shaft, Type "E", 16'	5	Ameron	\$1,177
1.1.4 Type "J" Traffic Signal Pole Assemblies (S-204-4)			
1.1.4.1 Pole Shaft, Type "J", 14'	8	Ameron	\$2,882
1.1.5 Type "Q" Traffic Signal Pole Assemblies (S-204-5)			
1.1.5.1 Pole Shaft, Type "Q", 30'	16	Ameron	\$3,755
1.1.6 Type "K" Traffic Signal Pole Assemblies (S-204-12)			
1.1.6.1 Pole Shaft, Type "K", 14'	8	Ameron	\$3,755
1.1.7 Type "R" Traffic Signal Pole Assemblies (S-204-13)			
1.1.7.1 Pole Shaft, Type "R", 30'	12	Ameron	\$4,604
1.1.8 Mast Arm for Types "E" and "F"			
1.1.8.1 12'	2	Ameron	\$272
1.1.8.2 15'	2	Ameron	\$445
1.1.8.3 18'	2	Ameron	\$481
1.1.8.4 20'	2	Ameron	\$584

Terms: NET 30

Vendor Number: W000005396X

Telephone Number: 918-585-5611 Ext. 18

Fax Number: 918-587-9540

Contact Person: Denise Redam

E-mail Address: denise_redam@ameron.com

Contract Period: To cover the period ending **January 31, 2012.**

CEM-TEC CORPORATION, P.O. BOX 8206, PHOENIX, AZ 85040

WILLING TO ACCEPT FUTURE SOLICITATIONS VIA EMAIL: YES NO

INTERNET ORDERING CAPABILITY: YES NO % DISCOUNT

OTHER GOV'T. AGENCIES MAY USE THIS CONTRACT: YES NO

PRICING SHEET NIGP CODE: 5508501, 5508506

1.0 PRICING:

ITEM DESCRIPTION	ESTIMATED ANNUAL QUANTITY	MANUFACTURER/MODEL	UNIT PRICE
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1.1 Traffic Signal Poles

1.1.1 Type "A" Traffic Signal Pole Assemblies (S-204-1)

1.1.1.1 Pole Shaft, Type "A", 14'	32	DT14RA--LESS BOLTS	\$ 321
1.1.1.2 Pole Shaft, Type "A", 16'	4	DT16RA--LESS BOLTS	\$ 351
1.1.1.3 Pole Shaft, Type "A", 18'	20	DT18RA--LESS BOLTS	\$ 380

1.3 Additional Pricing

	Published Catalog Description /Manufacturer/Item Number	Date	Pricing Column to be Used/Unit Price
Anchor bolts for type A----	PER A449 (A325) AB1.0364HS		\$95

Terms: 2% 10 Days Net 30

Vendor Number: W000013871X

Telephone Number: 602-268-8895

Fax Number: 602-276-3914

Contact Person: Jack Albert

E-mail Address: jalbert@cem-tec.com

Contract Period: To cover the period ending **January 31, 2012.**

ECONOLITE, 3360 E. LA PALMA AVE, ANAHEIM, CA 92806

WILLING TO ACCEPT FUTURE SOLICITATIONS VIA EMAIL: YES NO

INTERNET ORDERING CAPABILITY: YES NO % DISCOUNT

OTHER GOV'T. AGENCIES MAY USE THIS CONTRACT: YES NO

PRICING SHEET NIGP CODE: 5508506

1.0 PRICING:

ITEM DESCRIPTION	ESTIMATED ANNUAL QUANTITY	MANUFACTURER MODEL	UNIT PRICE
1.2 Traffic Signal Hardware			
1.2.1 Hardware and Fittings			
1.2.1.4 Elbow, 1 1/2" malleable, serrated, Traffic Signal Hardware #TSH0174 or equal	24	E1000P2	\$7.00
1.2.1.11 Coupling Traffic Parts #3480 or equal	12	E1032G	\$6.00
1.2.1.15 Elbow, 1 1/2", serrated, painted flat black Traffic Signal Hardware #TSH0174 or equal	288	E1000P2F	\$7.00
1.2.2 Electronic Components			
1.2.2.2 Push button Assembly, ADA TSP #PB-S11-B01-B or equal	6	DCC57H	\$45.00
1.2.2.6 Police Manual Pushbutton, Traffic Parts, #859-6' or equal	12	TBD	\$35.00
1.2.2.7 Police Manual Pushbutton, Traffic Parts #859-3' or equal	12	TBD	\$35.00
1.2.2.9 TS2 Cabinet Power Supply, EDI #PS200 or equal	12	PS100	\$210.00
1.2.2.10 Surge Arrestor, EDCO #SHA1210-IRS or equal	24	SHA1210-IRS	\$66.00
1.2.6 Controllers & Controller Cabinets			
1.2.6.1 Controller, 8-Phase, TS2 Type 2 Econolite #ASC321010100000 or equal	12	ASC321010100000	\$2,300.00
1.2.6.2 Controller Cabinet, 8-Phase, TS-2, TYPE1 (PLUG-N-GO), Econolite #6685 or equal	12	CABS#6685	\$16,840.00

Terms: NET 30

Vendor Number: W000003650X

Telephone Number: 714-630-3700

Fax Number: 714-630-5120

Contact Person: Lori MacIntyre

E-mail Address: lmacintyre@econolite.com

Contract Period: To cover the period ending **January 31, 2012.**

PHOENIX HIGHWAY PRODUCTS, 2631 N. 37TH DRIVE, PHOENIX, AZ 85009

WILLING TO ACCEPT FUTURE SOLICITATIONS VIA EMAIL: YES NO

INTERNET ORDERING CAPABILITY: YES NO % DISCOUNT

OTHER GOV'T. AGENCIES MAY USE THIS CONTRACT: YES NO

PRICING SHEET NIGP CODE: 5508506

1.0 PRICING:

ITEM DESCRIPTION	ESTIMATED ANNUAL QUANTITY	MANUFACTURER MODEL	UNIT PRICE
1.2 Traffic Signal Hardware			
1.2.1 Hardware and Fittings			
1.2.1.1 Tee, 1 1/2" reamed with set screw, painted flat black, Traffic Signal Hardware #TSH0571 or equal	10	DESCRIPTION DOESN'T MATCH PART NUMBER	\$11.14
1.2.1.2 Pole, 72" x 4" diameter, spun aluminum with threads, Pelco #PB5100-L or equal	24	PELCO PB5100-06	\$98.07
1.2.1.3 Elbow, 1 1/2" malleable reamed with set screw, Traffic Signal Hardware \$TSH0173 or equal	24	TRAFFIC SIGNAL HARDWARE TSH0173	\$6.58
1.2.1.5 Tee, 1 1/2", reamed on outlet, Traffic Signal Hardware #TSH0202 or equal	6	TRAFFIC SIGNAL HARDWARE TSH0202	\$6.81
1.2.1.6 Tee, 1 1/2", reamed on run, Traffic Signal Hardware #TSH0203 or equal	6	TRAFFIC SIGNAL HARDWARE TSH0203	\$9.53
1.2.1.7 Door, Horizontal terminal compartment including gasket, Traffic Signal Hardware #TSH1104	6	TRAFFIC SIGNAL HARDWARE TSH1104	\$13.74
1.2.1.9 Terminal Compartment, sidemount, Traffic Signal Hardware #TSH0001 or equal	6	TRAFFIC SIGNAL HARDWARE TSH0001	\$48.80
1.2.1.10 Nipple, Traffic Signal Hardware #TSH0571	500	TRAFFIC SIGNAL HARDWARE TSH0571	\$3.60
1.2.1.13 Cap, Ornament, long, Traffic Signal Hardware #TSH0503 or equal	12	TRAFFIC SIGNAL HARDWARE TSH0503	\$5.17
1.2.1.14 Adapter, post top, terminal compartment 2-way Traffic Signal Hardware \$TSH0031-A or equal	12	TRAFFIC SIGNAL HARDWARE TSH0031-A	\$66.37
1.2.1.16 Locknipple, 1 1/2", long painted flat black, Traffic Signal Hardware #TSH0571 or equal	288	TRAFFIC SIGNAL HARDWARE TSH0571	\$5.36
1.2.1.17 Post top adapter, center mount, Traffic Signal Hardware #TSH0045 or equal	12	TRAFFIC SIGNAL HARDWARE TSH0045	\$37.50

PHOENIX HIGHWAY PRODUCTS, 2631 N. 37TH DRIVE, PHOENIX, AZ 85009

ITEM DESCRIPTION	ESTIMATED ANNUAL QUANTITY	MANUFACTURER MODEL	UNIT PRICE
1.2.2 Electronic Components			
1.2.2.8 Loadswitch, cube type with INP indicator, EDI Model 510-E or equal	96	EDI MODEL 510-E	\$22.29
1.2.2.11 Channel Loop Detector Card, EDI Model LM 622-E or equal	24	EDI MOEL LM622-E	\$81.25
1.2.6 Controllers & Controller Cabinets			
1.2.6.3 Video Detection System - 4 Camera with TS2 Detector Interface Card, Econolite Solo Pro II, Econolite Solo Terra, or equal	24	ITERIS EDGE II 4 CAMERA SYSTEM	\$13,953.00

Terms: NET 30

Vendor Number: W000005126X

Telephone Number: 602-344-7770

Fax Number: 602-344-7771

Contact Person: Tom McGovern

E-mail Address: tom@phoenixhighwayproducts.com

Contract Period: To cover the period ending **January 31, 2012.**

TRAFFIC PARTS INC., P.O. BOX 837, SPRING, TX 77383

WILLING TO ACCEPT FUTURE SOLICITATIONS VIA EMAIL: X YES _____ NO

INTERNET ORDERING CAPABILITY: X YES _____ NO _____ % DISCOUNT

OTHER GOV'T. AGENCIES MAY USE THIS CONTRACT: X YES _____ NO

PRICING SHEET NIGP CODE: 5508506

1.0 PRICING:

ITEM DESCRIPTION	ESTIMATED ANNUAL QUANTITY	MANUFACTURER MODEL	UNIT PRICE
1.2 Traffic Signal Hardware			
1.2.1 Hardware and Fittings			
1.2.1.1 Hardware and Fittings			
1.2.1.8 Hub Plate, without cable guide, (with special Modification for Maricopa County), Black Pelco #SE0445	24	TP2607 W/TP2403 FL BLK	\$9.50
1.2.1.12 Cap, Ornament, short, Traffic Signal Hardware #TSH0501 or equal	12	TP1109 FL BLK	\$2.50
1.2.2 Electronic Components			
1.2.2.1 Flasher Unit, SSD#204D	96	PDC-SSF-86-3	\$19.50
1.2.2.3 Saddle for pushbutton assembly ADA P/B, TSP#6061 or equal	6	TP6061FL BLK	\$4.00
1.2.2.4 Retro Kit, Pushbutton, ADA, TSP #PB-S11--B00-B or equal	6	TP/CH PB-S11-B00-F	\$41.00
1.2.2.5 Police Manual Pushbutton, Traffic Parts #859-12' or equal	12	TP869-12	\$45.00
1.2.4 Lamps			
1.2.4.1 Lamp, luminaries, clear, 250W HPS, LU250 or equal	48	LU250	\$13.50
1.2.5 Pullboxes			
1.2.5.1 Pull box, traffic, light weight, #5 Christy Fiberlite #FL30 or equal, to read "Danger High Voltage Traffic Signal"	12	TP6165	\$195.00
1.2.5.2 Pull box, traffic, light weight, #7 Christy Fiberlite #FL36 or equal, to read "Danger High Voltage Traffic Signal"	24	TP6164	\$275.00

Terms: NET 30

Vendor Number: W000003431X

Telephone Number: 800-345-6329

Fax Number: 281-292-0088

Contact Person: Danny Miller

E-mail Address: danny@trafficparts.com

Contract Period: To cover the period ending **January 31, 2012.**

TRAFFIC SIGNAL INC., 125 MICHAEL DRIVE, SUITE #100, SYOSSET, NY 11710

WILLING TO ACCEPT FUTURE SOLICITATIONS VIA EMAIL: YES NO

INTERNET ORDERING CAPABILITY: YES NO % DISCOUNT

OTHER GOV'T. AGENCIES MAY USE THIS CONTRACT: YES NO

PRICING SHEET NIGP CODE: 5508506

1.0 PRICING:

ITEM DESCRIPTION	ESTIMATED ANNUAL QUANTITY	MANUFACTURER MODEL	UNIT PRICE
1.2 Traffic Signal Hardware			
1.2.1 Hardware and Fittings			
1.2.3 Cable			
1.2.3.1 Cable, 20 conductor, #14 solid, 500' roll, IMSA#19-1 or equal	6	Belden Falcon / Advanced Digital	\$957.00
1.2.3.2 Cable, 4 conductor, #14 solid. 500' roll, ISMA#19-1 or equal	8	Belden Falcon / Advanced Digital	\$203.00
1.2.3.3 Cable, Intertie, 19AWG, 6 pair shield, 2,550' roll, IMSA#39-2 or equal	6	Belden Falcon / Advanced Digital	\$1,851.00
1.2.3.4 Cable, Telephone, AWG, 6 pair shield 500' roll, Graybar #DB9P24CU39ESS or equal	6	Superior Essex	\$200.00
1.2.3.5 Loop, Lead-in wire, 14/2 (19) 100' roll, IMSA #50-2 or equal	8	Belden Falcon / Advanced Digital	\$36.00
1.2.3.6 Loop wire, 14 (19), 100' roll, IMSA #51-3 or equal	8	Belden Falcon / Advanced Digital	\$10.00
1.2.3.7 Loop, lead-in, 2-conductor, 16AWG, XLPE, Reno A&E #LW-216 or equal	14	Falcon / Advanced Digital	\$196.00

Terms: NET 30

Vendor Number: W000013966X

Telephone Number: 770-562-3904

Fax Number: 770-562-3905

Contact Person: Shane Dryden

E-mail Address: shane.trafficsignal@earthlink.net

Contract Period: To cover the period ending **January 31, 2012.**

VALMONT INDUSTRIES, P.O. BOX 358, BLDG 516, VALLEY, NE 68064

WILLING TO ACCEPT FUTURE SOLICITATIONS VIA EMAIL: YES NO

INTERNET ORDERING CAPABILITY: YES NO % DISCOUNT

OTHER GOV'T. AGENCIES MAY USE THIS CONTRACT: YES NO

PRICING SHEET NIGP CODE: 5508501

1.0 PRICING:

ITEM DESCRIPTION	ESTIMATED ANNUAL QUANTITY	MANUFACTURER MODEL	UNIT PRICE
1.1 Traffic Signal Poles			
1.1.3 Type "F" Traffic Signal Pole Assemblies (S-204-3)			
1.1.3.1 Ploe Shaft, Type "F", 30'	5	Valmont Industries	\$1,511
1.1.9 Mast Arm for Types "J" and "Q"			
1.1.9.1 Mast Arm, Signal, 25'	6	Valmont Industries	\$822
1.1.9.2 Mast Arm, Signal, 30'	5	Valmont Industries	\$993
1.1.9.3 Mast Arm, Signal, 35'	5	Valmont Industries	\$1,815
1.1.9.4 Mast Arm, Signal, 40'	20	Valmont Industries	\$1,881
1.1.10 Mast Arm for Types "K" and "R"			
1.1.10.1 Mast Arm, Signal, 45'	6	Valmont Industries	\$1,901
1.1.10.2 Mast Arm, Signal, 50'	6	Valmont Industries	\$1,930
1.1.10.3 Mast Arm, Signal, 55'	6	Valmont Industries	\$2,604
1.1.11 Mast Arm, Luminaire			
1.1.11.1 For "F" or "Q" or "R" Pole, 12'	4	Valmont Industries	\$271
1.1.11.2 For "F" or "Q" or "R" Pole, 15'	16	Valmont Industries	\$289
1.1.11.3 For "F" or "Q" or "R" Pole, 20'	20	Valmont Industries	\$542

Terms: NET 30

Vendor Number: W000003398X

Telephone Number: 800-345-6825 Ext. 3748

Fax Number: 402-359-4025

Contact Person: Matthew Burke

E-mail Address: mtb@valmont.com

Contract Period: To cover the period ending **January 31, 2012.**