NOTICE OF AWARD OF CONTRACT

TO: VARIOUS VENDORS (SEE ATTACHED)  DATE ISSUE: NOVEMBER 5, 2012

CURRENT REFERENCE NO.: 569-13

CONTRACT TITLE: DES - TRAFFIC SIGNAL EQUIPMENT

PRIOR REFERENCE NO.: 289-10

THIS IS A NOTICE OF AWARD OF CONTRACT AND NOT AN ORDER. NO WORK IS AUTHORIZED UNTIL THE VENDOR RECEIVES A VALID COUNTY PURCHASE ORDER ENCUMBERING CONTRACT FUNDS.

Your firm is awarded the above referenced contract. The contract term covered by this Notice of Award is effective NOVEMBER 5, 2012 and expires on AUGUST 31, 2017.

The contract documents consist of the terms, conditions, and specifications of Invitation to Bid No. 569-13 and the bids of the Contractors, incorporated herein by reference.

CONTRACT PRICING:

PRICING FIXED UNTIL AUGUST 31, 2013. PRICE ADJUSTMENTS THEREAFTER ARE BASED ON THE CPI-U OF THE MONTH OF MARCH. CONTRACTOR RESPONSIBLE FOR REQUESTING PRICE ADJUSTMENTS NOT LESS THAN SIXTY (60) DAYS PRIOR TO AUGUST 31 OF EACH YEAR.

ATTACHMENTS:

CONTRACTORS’ BID FORMS
SPECIFICATIONS EXCERPT

EMPLOYEES NOT TO BENEFIT:

NO COUNTY EMPLOYEE SHALL RECEIVE ANY SHARE OR BENEFIT OF THIS CONTRACT NOT AVAILABLE TO THE GENERAL PUBLIC.

VENDOR CONTACT: SEE ATTACHED  VENDOR TEL. NO: SEE ATTACHED

VENDOR PAYMENT TERMS: NET 30 DAYS  VENDOR FAX. NO: SEE ATTACHED

COUNTY CONTACT: AMIT SIDHAYE  COUNTY TEL. NO: 703-228-3730

CONTRACT AUTHORIZATION  DISTRIBUTION

Elizabeth Dooley, CPPD, CPEB 11/5/17  VENDOR: 1
Assistant Purchasing Agent  DATE  BID FOLDER: 1
SECTION III.B
PAUL D. THOMPSON
RGA, LLC.
1550 Standing Ridge Drive
Powhatan, VA 23139
Tel. 804-794-1592
Fax 804-379-1016

SECTION IV
NO AWARD

SECTION VIII
PAUL D. THOMPSON
RGA, LLC.
1550 Standing Ridge Drive
Powhatan, VA 23139
Tel. 804-794-1592
Fax 804-379-1016

SECTION IX
PAUL D. THOMPSON
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Powhatan, VA 23139
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SECTION X
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1550 Standing Ridge Drive
Powhatan, VA 23139
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Fax 804-379-1016
The following specifications detail the minimum acceptable physical, functional and operational requirements for the equipment under this solicitation. All references to brand name items in the below sections are for illustrative purposes only. Bids are invited on other brands having generally the same characteristics of those specified.

A. Bid Notes

1. All equipment under this solicitation must meet the Arlington County Traffic Signal and Streetlight Specifications, current at the time of order. The specifications are available for download under the following link:

   http://www.arlingtonva.us/departments/EnvironmentalServices/dot/traffic/signals/EnvironmentalServicesHb16.aspx

2. All equipment under this solicitation shall be in compliance with Federal Highway Administration’s Manual on Uniform Traffic Control Devices (MUTCD) specifications, the revision current at the time of order.

3. Arlington County, in its analysis, will consider relative costs, equivalency of features, serviceability, design, and performance capability of the items bid.

4. Bidders shall identify the brand and model numbers of the equipment bid. Complete descriptions of all equipment and materials shall be submitted with the bid for determination of compliance with specifications. This shall include catalogue cut sheets, and other data as needed (schematics, additional specifications, any exceptions to or variations from the specifications, etc.) to determine compliance with the specifications. BIDS RECEIVED WITHOUT THE COMPLETE DESCRIPTIONS WILL BE SUBJECT TO REJECTION.

5. THE BIDDERS MAY BID ON ONE OR MORE SECTIONS OF THIS SOLICITATION. TO BE CONSIDERED FOR A SECTION, BIDDERS SHALL SUBMIT A BID FOR EVERY ITEM OF THE SECTION. BIDS THAT DON’T MEET THAT REQUIREMENT WILL BE SUBJECT TO REJECTION. If no bid is offered for a section, the bidder should write the term ‘no bid’ in the unit price blanks for that section. The Bid Form is divided into the following sections:

   III-B. Various Traffic Signal Accessories
   IV. School Flasher Assembly
   VIII. Pedestrian Activated Crosswalk Flashers
   IX. In-Roadway Traffic Sensor
   X. Pedestrian Activated Rapid Flash Beacon System

6. If the County determines that a bid for a specific Section contains equipment that is not in compliance with the Arlington County Traffic Signal and Streetlight Specifications, the bid for that Section shall be subject to rejection. Such rejection does not preclude the bidder from an award in another Section.
7. The contract will be awarded to the lowest responsive and responsible bidder for each Section after determining the Section Total amount for each Section. Each bidder must indicate on the Bid Form if they will comply with federal and state terms and conditions included in Section IV. of this solicitation. If the lowest bidder for a given Section indicates that they are not able to comply with the federal and state terms and conditions, a secondary award will be made for that section to a lowest responsive and responsible bidder who agreed to the federal and state terms and conditions. The County will notify such secondary awardee when the County has requirement for federally or state-funded projects only.

8. All awards are contingent upon the County Staff's review of the submitted equipment specifications and other documentation, and determination that each equipment item in the given Section fulfills the minimum County requirements. After review of the submitted cut sheets and specifications the County may, in its sole discretion, request samples of any or all equipment from the lowest responsive and responsible bidder for each Section.

B. Warranty

1. At the time of purchase the Contractor shall provide a written warranty for all devices and components thereof against defects in materials and workmanship. The warranty shall become effective at time of equipment delivery to the designated location.

2. All costs of labor, parts and transportation from the Contractor shall be borne by the Contractor for the duration of the warranty period.

3. A minimum of two (2) year warranty period against defective workmanship is required for all equipment in each section, unless otherwise noted in a specific Section below. For equipment containing LED components five (5) year warranty period is required, as detailed in Paragraph 4, below.

4. LED Warranty for equipment containing LED:

The unit will be repaired or replaced by the manufacturer if it exhibits a failure to workmanship or material defects within the first 72 months of field operation.

The unit will be repaired or replaced by the manufacturer if, when operating over the specified operating ambient temperature and voltage ranges, the unit does not produce luminous intensity equal or greater than maintained minimum intensity levels set forth herein during the first 72 months of field operation.

Light emitting diode signal modules will meet or exceed the standard light output values specified in the luminous intensity table, after 72 months of continuous use over the temperature range provided in the specifications.
The measured chromaticity coordinates of light emitting diode signal modules will conform to the requirements of chromaticity in Figure 1 of the ITE VTCSH and the PTCSI over the temperature range provided in the specification for the duration of the warranty period.

The manufacturer will provide a written warranty against defects in materials and workmanship for LED signal modules for a period of 72 months after installation of LED signal modules. Replacement LED signal modules will be provided within 5 days after receipt of failed LED signal modules at no cost to the County, except the cost of shipping the failed modules. LED shall be considered as failure LED when number of extinguished LED'S is more than 5% of the total for LED signals.

C. Delivery

1. The prices bid shall include all charges for delivery and unloading of the equipment and materials to:

   TRAFFIC ENGINEERING
   TRAFFIC SIGNAL SECTION
   4300 29th Street South
   Arlington, Virginia 22206

2. Delivery terms shall be P.O.B. Destination at the above Arlington County address.

3. The Contractor shall notify the Traffic signal shop of all deliveries at least twenty-four (24) hours in advance of the delivery by calling 703-228-6655 or 703-228-0650. Failure to notify the County about the delivery as above may result in the delivery being sent back and rescheduled at no additional cost to the County.

4. The Contractor shall be responsible for unloading the equipment in accordance with County Staff guidance.

5. Under normal conditions, the maximum allowable delivery time for signal equipment under all Sections is forty-five (45) calendar days with the exception of a delivery time of ninety (90) days for decorative pedestal poles in Section IV. Failure to meet this time may result in contract cancellation. Failure to specify delivery date within these timeframes on the bid form may result in the bid being considered nonresponsive.
SECTION III-B. VARIOUS TRAFFIC SIGNAL ACCESSORIES

Aluminum pedestal poles are Pelco Part # PB 5100 or equivalent with height ranging between 7 ft to 15 ft. The aluminum pedestal pole shall come with the base, anchor bolts and pole cap.

SECTION IV. SCHOOL FLASHER ASSEMBLY

A typical solar-powered school flasher assembly includes a fifteen (15) ft pedestal pole (with base, anchor bolts and collar), signal heads with hardware, a cabinet with solar array and batteries, twelve (12) volt DC LED signals, wiring harness, pager programmable time-switch and the associated hardware.

A typical AC-powered school flasher assembly includes a twelve (12) ft pedestal pole (with base, anchor bolts, collar and pole cap), signal heads with hardware and 120 AC volt LEDs, a cabinet with pager programmable time-switch and the associated hardware.

Either system shall have the capability to download programming for school schedule/calendar over an alphanumeric paging network, from a central computer or through a palm pilot and be compatible with the County’s remote controlled school flasher database system.

SECTION VIII. PEDESTRIAN ACTIVATED CROSSTALK FLASHERS

A typical solar-powered pedestrian activated flasher assembly shall include yellow signal heads with solar array and batteries, twelve (12) volt LED signals, and associated hardware. The primary function of the unit shall be to activate flashing yellow signals (through wireless communication at additional units) when a user pushes a pedestrian pushbutton. The unit shall be able to communicate with up to ten (10) field units simultaneously.

SECTION IX. IN-ROADWAY TRAFFIC SENSOR

A minimum of three (3) year warranty period against defective workmanship is required.

Typical in-pavement vehicle detection assembly shall include wireless sensors embedded in the pavement, access point, the interface card to be installed in NEMA TS1/TS2 cabinets, and the associated hardware. The system shall be able to provide presence detection, volume, occupancy, speed and vehicle classification data. The system shall work within a detection range of one hundred fifty (150) feet without using a repeater.
SECTION X. PEDESTRIAN ACTIVATED RAPID FLASH BEACON SYSTEM

A typical solar-powered pedestrian activated rapid flash assembly includes dual-indicated (front and back) rectangular shaped two (2) LED beacons with solar array and batteries, pedestrian crossing signs, push-button, additional LEDs for sign/pad lighting and push-button confirmation, and associated hardware. The primary function of the unit shall be to activate stutter flash pattern in yellow signals (through wireless communication at additional units) when a user pushes a pedestrian pushbutton.
**SECTION III-B (SIGNAL ACCESSORIES)**

<table>
<thead>
<tr>
<th>NO.</th>
<th>ITEM</th>
<th>BRAND/MODEL NUMBER</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>ALUMINUM PEDESTAL POLE (7 FT)</td>
<td>PELCO PB-5100-7, PB534, 540</td>
<td>EA</td>
<td>310.00</td>
</tr>
<tr>
<td>2</td>
<td>ALUMINUM PEDESTAL POLE (9 FT)</td>
<td>PELCO PB-5100-9, PB534, 540</td>
<td>EA</td>
<td>340.00</td>
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<tr>
<td>3</td>
<td>ALUMINUM PEDESTAL POLE (11 FT)</td>
<td>PELCO PB-5100-11, PB534, 540</td>
<td>EA</td>
<td>355.00</td>
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<tr>
<td>4</td>
<td>ALUMINUM PEDESTAL POLE (13 FT)</td>
<td>PELCO PB-5100-13, PB534, 540</td>
<td>EA</td>
<td>405.00</td>
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<tr>
<td>5</td>
<td>ALUMINUM PEDESTAL POLE (15 FT)</td>
<td>PELCO PB-5100-15, PB534, 540</td>
<td>EA</td>
<td>440.00</td>
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<tr>
<td></td>
<td><strong>SECTION III-B TOTAL</strong></td>
<td></td>
<td></td>
<td><strong>2163.00</strong></td>
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**SECTION III-B - DELIVERY TIME:** 45 DAYS

**SECTION IV (SCHOOL FLASHER ASSEMBLY)**

<table>
<thead>
<tr>
<th>NO.</th>
<th>ITEM</th>
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<th>UNIT</th>
<th>UNIT PRICE</th>
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<tbody>
<tr>
<td>1</td>
<td>AC SCHOOL FLASHER ASSEMBLY (With Pager Programmable Timeswitch)</td>
<td></td>
<td>EA</td>
<td>NO BID</td>
</tr>
<tr>
<td>2</td>
<td>SOLAR FLASHER ASSEMBLY (With Pager Programmable Timeswitch)</td>
<td></td>
<td>EA</td>
<td>NO BID</td>
</tr>
<tr>
<td>3</td>
<td>AC SCHOOL FLASHER ASSEMBLY (With Non-pager Timeclock)</td>
<td></td>
<td>EA</td>
<td>NO BID</td>
</tr>
<tr>
<td>4</td>
<td>SOLAR FLASHER ASSEMBLY (With Non-pager Timeclock)</td>
<td></td>
<td>EA</td>
<td>NO BID</td>
</tr>
<tr>
<td>5</td>
<td>PAGER PROGRAMMABLE TIME-SWITCH</td>
<td></td>
<td>EA</td>
<td>NO BID</td>
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<tr>
<td>6</td>
<td>HAND-HELD FDA (FOR FIELD DATA DOWNLOAD)</td>
<td></td>
<td>EA</td>
<td>NO BID</td>
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</table>

**SECTION IV - DELIVERY TIME:** N/A

**SECTION VIII (PEDESTRIAN ACTIVATED CROSSWALK FLASHERS)**

<table>
<thead>
<tr>
<th>NO.</th>
<th>ITEM</th>
<th>BRAND/MODEL NUMBER</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>SOLAR CROSSWALK FLASHER ASSEMBLY (single beacon)</td>
<td>CARMANAH R920 single</td>
<td>EA</td>
<td>3,950.00</td>
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<tr>
<td>2</td>
<td>SOLAR CROSSWALK FLASHER ASSEMBLY (double beacon)</td>
<td>CARMANAH R920 dual</td>
<td>EA</td>
<td>4,300.00</td>
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<tr>
<td>3</td>
<td>ALUMINUM PEDESTAL POLE (15 FT) (with base, anchor bolts and collar)</td>
<td>PELCO PB5100-(5, 5334, 540)</td>
<td>EA</td>
<td>528.00</td>
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<tr>
<td>4</td>
<td>ADA PUSHBUTTON</td>
<td>POLARA</td>
<td>EA</td>
<td>80.00</td>
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**SECTION VIII - DELIVERY TIME:** N/A

**SECTION VIII TOTAL:** $8,858.00
SECTION VIII - DELIVERY TIME: 45 DAYS

CALENDAR DAYS AFTER RECEIPT OF ORDER
### SECTION IX (IN-ROADWAY TRAFFIC SENSOR)

<table>
<thead>
<tr>
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<th>UNIT</th>
<th>UNIT PRICE</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>COMPLETE SENSOR ASSEMBLY</td>
<td>SENSYS (4) SENSYS, (1) AP</td>
<td>EA</td>
<td>5,020.00</td>
</tr>
<tr>
<td>2</td>
<td>WIRELESS SENSOR</td>
<td>SENSYS VSN240-T</td>
<td>EA</td>
<td>495.00</td>
</tr>
<tr>
<td>3</td>
<td>ACCESS POINT UNIT</td>
<td>SENSYS AP240-S</td>
<td>EA</td>
<td>1,650.00</td>
</tr>
<tr>
<td>4</td>
<td>REPEATER UNIT</td>
<td>SENSYS RP240-BH</td>
<td>EA</td>
<td>825.00</td>
</tr>
<tr>
<td>5</td>
<td>INTERFACE CARD</td>
<td>SENSYS CC240</td>
<td>EA</td>
<td>690.00</td>
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</table>

**SECTION IX TOTAL:** $8,680.00

**SECTION IX - DELIVERY TIME:** 30 DAYS

**CALENDAR DAYS AFTER RECEIPT OF ORDER:**

### SECTION X (PEDESTRIAN ACTIVATED RAPID FLASH BEACON SYSTEM)

<table>
<thead>
<tr>
<th>NO.</th>
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<th>UNIT</th>
<th>UNIT PRICE</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>SOLAR CROSSWALK RAPID FLASH BEACON ASSEMBLY</td>
<td>ELTEC/RCA RRFB</td>
<td>EA</td>
<td>5,800.00</td>
</tr>
<tr>
<td>2</td>
<td>ADA PUSHBUTTON</td>
<td>POLARA</td>
<td>EA</td>
<td>80.00</td>
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</tbody>
</table>

**SECTION X TOTAL:** $5,880.00

**SECTION X - DELIVERY TIME:** 45 DAYS

**CALENDAR DAYS AFTER RECEIPT OF ORDER:**