

AMENDMENT OF SOLICITATION / MODIFICATION OF CONTRACT			1. Contract Number		Page of Pages		
					1	9	
2. Amendment/Modification Number 004		3. Effective Date See Box 16C		4. Requisition/Purchase Request No.		5. Solicitation Caption City-Wide Traffic Safety Improvement Construction	
6. Issued by: Government of the District of Columbia Office of Contracting and Procurement Supporting the District Department of Transportation 55 M Street, SE Washington, DC 20003			Code		7. Administered by (If other than line 6)		
8. Name and Address of Contractor (No. street, city, county, state and zip code) TO ALL PROSPECTIVE BIDDERS				9A. Amendment of Solicitation No. DCKA-2017-B-0074			
				9B. Dated (See Item 11)			
				10A. Modification of Contractor/Order No.			
				10B. Dated (See Item 13)			
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS							
<input checked="" type="checkbox"/> The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended. <input checked="" type="checkbox"/> is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning one (1) copy of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or fax which includes a reference to the solicitation and amendment number. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such may be made by letter or fax, provided each letter or telegram makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.							
12. Accounting and Appropriation Data (If Required)							
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTORS/ORDERS , IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14							
A. This change order is issued pursuant to (Specify Authority): 27 DCMR, Chapter 36, Section 3601.2(b) The changes set forth in Item 14 are made in the contract/order no. in item 10A.							
B. The above numbered contract/order is modified to reflect the administrative changes (such as changes in paying office, appropriation data etc.) set forth in item 14, pursuant to the authority of:							
C. This supplemental agreement is entered into pursuant to authority of:							
D. Other (Specify type of modification and authority)							
E. IMPORTANT: Contractor <input type="checkbox"/> is not <input type="checkbox"/> is required to sign this document and return one (1) copy to the issuing office.							
14. Description of Amendment/Modification (Organized by UCF Section headings, including solicitation/contract subject matter where feasible.)							
The solicitation is amended as follows:							
<i>Revision 1: The following bid Items have been removed</i>							
Items Removed From Proposal Schedule of Items (First Page)							
Item Id	Unit	Description					
000003	HR	Employee Training					
000504	CY	715 009 Exist. Concrete Deck Removal or Proposed Manholes					
000504	CY	715 011 Exist. Concrete Deck Removal or Proposed Scuppers					
000505	DAYS	108 015 Engineer's Boat					
000505	DAYS	108 017 Tow Wrecker Service					
000506	EACH	614 077 Exist. Manholes Remove and Dispose of Frames and Covers					
000506	EACH	614 079 Prop. Manholes – F&I Frame and Covers					
000506	EACH	710 005 Remove and Dispose of Scuppers and Downspouts					
000506	EACH	710 007 F & I Type "A" Scuppers					
Items Removed From Base and All Option Years of Proposal Schedule of Items							
Item Id	Unit	Description					

613030	EACH	F&I Galvanized Steel Transformer Base
613050	EACH	F&I PCC Foundation For Controller Cabinet
613078	EACH	F&I 8 Ft Mast Arm w/Clamp & Removable End Clamp
613214	EACH	F&I 3 Sec Optically Program Traf Head On Pole(Lenses 12")
613216	EACH	F&I 4 Sec Optically Program Traf Head On Pole(Lenses12")
613218	EACH	F&I 5 Sec Optically Program Traf Head On Pole(Lenses12")
613220	EACH	F&I 3 Sec Optically Program Traf Head Mast Arm(Lenses 12")
613222	EACH	F&I 4 Sec Optically Program Traf Head Mast Arm(Lenses 12")
613224	EACH	F&I 5 Sec Optically Program Traf Head Mast Arm(Lenses 12")
613228	EACH	F&I 2 Section Optically Program Pedest Sig Head On Pole(12")
613236	EACH	F&I Pedestrian Push Button
613238	EACH	F&I Accessible Pedestrian Signal Unit w/Custom Messaging
613240	EACH	F&I Accessible Pedestrian Signal Control Unit
613376	EACH	Install 18"X24" LED Electronic Sign On Any Pole
613378	EACH	Install 30"X30" LED Electronic Sign On Any Pole
613384	LS	Miscellaneous Safety Improvement
614504	EACH	F&I #18 Cast Iron pole
614528	EACH	F&I Twin 20 Steel/Cast Iron Pole
614800	EACH	F&I 110 Watt Cobra head LED Fixture complete with photocell
614802	EACH	F&I 215 Watt Cobra head LED Fixture complete with photocell
614804	EACH	F&I 200 Watt Teardrop LED Fixture complete with photocell
614806	EACH	F&I 100 W Post-top LED Fixture w/Washington Globe & photocell
614993	EACH	F&I 3 Sec LED Bus-Only Signal Head 'Electrical Work Special Item - EACH-
614993	EACH	F&I Solar Powered RRFB (2 Pole) System 'Electrical Work Special Item - EACH-
614993	EACH	F&I Solar Powered RRFB (3 Pole) System 'Electrical Work Special Item - EACH-
614993	EACH	F&I 110VAC RRFB (2 Pole) System 'Electrical Work Special Item - EACH-
614993	EACH	F&I 110VAC RRFB (3 Pole) System 'Electrical Work Special Item - EACH-
614993	EACH	F&I Vehicle Ped and Bike Video Detection-VPBVDS

Revision 2A: Specification Update

The following special provisions of the above bid items are removed from the referenced solicitation.

Special Provision Page Number	Special Provision Section Number	Title
72	sec 79	FURNISH AND INSTALL GALVANIZED STEEL TRANSFORMER BASE
73	sec 82	FURNISH AND INSTALL 8 FOOT LONG CLAMP ON MAST ARM WITH CLAMP AND REMOVABLE END CLAMP
73	sec 83	F/I Streetlight LED luminaire and photocell
74	sec 86	FURNISH AND INSTALL OPTICALLY PROGRAMMABLE VEHICLE SIGNAL HEAD ON ANY POLE
75	sec 88	FURNISH AND INSTALL OPTICALLY PROGRAMMABLE VEHICLE SIGNAL HEAD ON ANY MAST ARM
75	Sec 89	FURNISH AND INSTALL OPTICALLY PROGRAMMABLE PEDESTRIAN SIGNAL HEAD ON ANY POLE

75	Sec 91	INSTALL LIGHT EMITTING DIODE (LED) ELECTRONIC SIGN ON ANY POLE
75	sec 92	FURNISH AND INSTALL PEDESTRIAN PUSH BUTTON
76	sec 93	FURNISH AND INSTALL ACCESSIBLE PEDESTRIAN SIGNAL (APS) SYSTEM
76	Sec 94	FURNISH AND INSTALL VEHICULAR, PEDESTRIAN & BIKE VIDEO DETECTION SYSTEM (VPBVDS)
78	Sec 98	MISCELLANEOUS SAFETY IMPROVEMENTS
97	sec 126	F/I 3 sec LED bus only signal head
98	sec 127	F&I Solar Powered RRFB (2 or 3 Pole) System
100	sec 128	F&I 110 VAC powered RRFB (2 or 3 Pole) System

Revision 2B: Section 145a shall include the following revision

To include section 108.15 from the Standard Specifications for Highways and Structures

Revision 3: Annual expenses on Lump Sum Items are shown below

BASE YEAR

Item Code	Unit	Description	Unit Price
600021	LS	BRICK CLAD RETAINING WALL WITH STONE CAP 'Incidental Construction Special Item - LS -	\$ 1,750.00
613396	LS	Engineering Design Services	\$ 150,000.00
613398	LS	PEPCO Service Connect, Disconnect, & PEPCO Manhole Entry Fees	\$ 20,000.00

OPTION YEAR 1

Item Code	Unit	Description	Unit Price
600021	LS	BRICK CLAD RETAINING WALL WITH STONE CAP 'Incidental Construction Special Item - LS -	\$ 1,803.00
613396	LS	Engineering Design Services	\$ 154,500.00
613398	LS	PEPCO Service Connect, Disconnect, & PEPCO Manhole Entry Fees	\$ 20,600.00

OPTION YEAR 2

Item Code	Unit	Description	Unit Price
600021	LS	BRICK CLAD RETAINING WALL WITH STONE CAP 'Incidental Construction Special Item - LS -	\$ 1,858.00
613396	LS	Engineering Design Services	\$ 159,135.00
613398	LS	PEPCO Service Connect, Disconnect, & PEPCO Manhole Entry Fees	\$ 21,218.00

OPTION YEAR 3

Item Code	Unit	Description	Unit Price
600021	LS	BRICK CLAD RETAINING WALL WITH STONE CAP 'Incidental Construction Special Item - LS -	\$ 1,914.00
613396	LS	Engineering Design Services	\$ 163,910.00
613398	LS	PEPCO Service Connect, Disconnect, & PEPCO Manhole Entry Fees	\$ 21,855.00

OPTION YEAR 4

Item Code	Unit	Description	Unit Price
600021	LS	BRICK CLAD RETAINING WALL WITH STONE CAP 'Incidental Construction Special Item - LS -	\$ 1,972.00
613396	LS	Engineering Design Services	\$ 168,829.00
613398	LS	PEPCO Service Connect, Disconnect, & PEPCO Manhole Entry Fees	\$ 22,511.00

Descriptions for Lump Sum amounts are:

S.P. 122. BRICK CLAD RETAINING WALL WITH SALVAGED STONE CAP:

This SP supplements 602.01 of the Standard Specifications.

A. Brick Clad Retaining Wall - This work shall consist of excavating, forming, furnishing and placing concrete footings, curved concrete walls with brick cladding and installation of stone caps at the locations and to the dimensions as specified in the contract documents and/or as directed by the Chief Engineer.

B. Stone Cap - New stone caps shall be bluestone with thermal finish on all exposed surfaces. Fabricate stone caps to shapes shown in drawings. Stone caps shall be anchored to the top of wall by stainless steel dowels 1/2" diameter, 18" on center and a minimum 2 dowels per coping stone. Joints for coping shall be a uniform 3/8" width with a tolerance of 1/16".

C. Measure and Payment- The unit of measure for brick clad retaining wall with stone cap shall be Lump Sum.

S.P. 46. ENGINEERING DESIGN SERVICES:**DESCRIPTION:**

The contractor shall contract with one or more engineering firms qualified in a particular discipline from the DDOT Architect/Engineer Schedule to provide engineering services. The consultant shall be tasked to convert approved recommendations from DDOT's Highway Safety Improvement Program (HSIP) studies of high hazard intersections into engineering plans suitable for construction by the contractor. The consultant shall also be available to make any design adjustments that may be needed during construction. The consultant shall be qualified to produce engineering designs related to all aspects of highway and pavement design, street light design, traffic signal design and signing and pavement marking orders consistent with the Manual on Uniform Traffic Control Devices (MUTCD) and DDOT practices. The contractor/consultant team shall assume responsibility for all design errors and omissions and their deficiencies shall not constitute cause for change orders or claims.

DDOT shall assign specific tasks from the HSIP program to the contractor who shall assign the consultant the task of creating an engineering design consistent with the recommendations. The consultant shall use the DDOT approved version of Micro station to complete all required design drawings and traffic signal sequences of operation, and standard DDOT shop order and sign survey sheets. All plans shall be reviewed, signed, and approved by DDOT before they are given to the contractor for construction. Revisions to approved drawings resulting from field adjustments shall also be reviewed, signed and approved by DDOT before the contractor proceeds with construction. The consultant shall provide ten (10) prints of each standard 22" x 34" plan sheet for DDOT work order distribution. The consultant shall provide only the original signed traffic signal sequence of operation and all shop orders. All approved documents shall also be made available electronically by the consultant to DDOT. DDOT shall retain ownership of all original, signed documents produced by the consultant.

MEASURE AND PAYMENT- The unit of measurement shall be the Job. The contractor shall reimburse the design consultant an agreed upon annual compensation. No mark up by the contractor shall be permitted; DDOT shall pay the consultant's invoiced price. No office space in DDOT facilities shall be made available to the consultant. The unit price quoted by the contractor shall include salary, benefits, overhead, profit, equipment (including computer hardware and software), and all transportation costs.

S.P. 67. PAYMENT TO PEPCO FOR CONNECTION AND DISCONNECTION OF ELECTRICAL SERVICE TO STREET LIGHTS AND TRAFFIC SIGNALS:

The provisions of section 614.44 of the 2013 DDOT Standard Specifications for Highways and Structures apply in full.

Revision 4: The below items have been included in the special provisions

148. HIGH FRICTION SURFACE TREATMENT (RED BUS LANE):

Pay Item No.: 000 110

The contractor shall furnish and install a red colored High Friction Surface Treatment (HFST) on bus lanes as shown on design drawings provided.

Material:

Polymer Resin Binder:

The contractor shall provide Polymer Resin Binder which holds the aggregate topping firmly in place meeting or exceeding the following requirements

Property	Requirement	Test Method
Ultimate Tensile Strength	2650 psi min.	ASTM D638
Elongation at Breakpoint	30% min.	ASTM D638
Compress Strength	1600 psi min.	ASTM D695
Water Absorption	1.0 % max.	ASTM D570
Shore D Hardness, min. 77°F	65-75	ASTM D2240
Viscosity	1000-3000 mPa	ASTM D2393
Gel Time, minutes	15-45 min.	ASTM C881
Cure Rate	3 hrs. max.	ASTM D1640, 0.2" thickness
Mixing Ratio	As recommended by manufacturer	N/A

Aggregate Topping:

The contractor shall furnish and install a recycled red pigmented aggregate. The aggregate topping shall be clean, dry and free from deleterious matter. The aggregate topping shall be able to provide adequate color retention and be environmentally sound.

Other requirements that the aggregate topping must meet include

- Specific Gravity: 2.5
- Bulk Density: 86lb/ft³
- Volume/Ton: Avg 26.5ft³
- Softening Point: ~1400°F
- Shape: Sub-Angular, Non Porous
- Hardness: 5.5-6.0 Mohs
- Physical Composition: Non-Leaded Panel Glass
- Chemical Compositions
 - Sodium Oxide: 12-15%
 - Aluminium Oxide: 1-2%
 - Other Oxides: 0-1%

Construction:

The contractor shall in conformance with the manufacturer's instructions regarding roadway surface preparation, roadway surface temperatures,

Excess and loose aggregate must be removed from the traveled way and shoulders by street sweeping application of HFST.

Utilities, drainage structures, curbs, and any other structures within or adjacent to the treatment location must be protected against the application of the HFST materials.

30 days after the completion of the work, the contractor shall measure the coefficient of friction on the treated roadway. Should the test reveal the coefficient of friction less than 0.65 the contractor shall correct or remove and replace the HFST to meet or exceed the specified value.

MEASURE AND PAYMENT: HFST shall be measured and paid for in Square Feet. The price shall include surface preparation, furnishing and applying the materials including any labor, equipment and incidentals necessary to complete the work.

149. FURNISH AND INSTALL 110 VAC POWERED FLASHING LED CROSSWALK WARNING (2 OR 3 POLE) SYSTEM

Pay Item No. 614 993

The provisions of section 613.33 are supplemented as follows.

The contractor shall furnish, install, and commission a DDOT approved 2 pole or 3 pole Flashing LED Crosswalk Warning System (FLCW) system at locations specified in the contract drawings.

A. General Requirements:

Each FLCW shall be a complete assembly, consisting of but not limited to: retro reflective signage, 12" circular amber beacon(s), all mounting hardware, foundation anchor bolts and electrical components (wiring, solid-state circuit boards, etc.) as specified on design drawings.

B. Functional Requirements:

- Each FLCW shall require 110VAC.
- Each FLCW shall be activated by an ADA compliant Push button.
- The FLCW shall be normally dark, shall initiate operation only upon pedestrian actuation, and shall cease operation after a predetermined time limit (based on MUTCD guidance).
- When activated, the FLCW unit indications shall flash in alternating flashing sequence per FHWA requirements.
- The activation length of the flashing lights shall be programmable 1 second to 24 hours in one second, minutes and hours increments.
- System shall provide actuation counter which can be downloaded at site to a PC using standard cables.

C. Materials:

Furnish a FLCW system to be a complete assembly, consisting of but not limited to a combination of the following items: retro reflective LED illuminated and/or non-illuminated signage, 12" LED circular amber beacon(s), all mounting hardware, foundation anchor bolts and electrical components (wiring, solid-state circuit boards, etc.). The FLCW assembly includes the following items:

Wireless Communication System:

Frequency: 900 MHz FHSS
Radio: Operates on 900 MHz frequency hopping spread spectrum network.
Connectivity: Crosswalk and optional Advance LEDs flash concurrently.

FLCW 12" LED circular amber beacons:

The contractor shall follow section 613.22 and 613.24 of the DDOT 2013 Standard Specifications for Highways and Structures.

Signs:

The contractor shall provide illuminated LED outfitted or non-illuminated signs as specified in the design drawings.

- All signs illuminated or non-illuminated shall conform to MUTCD standards.
- All sign blanks shall be .080.
- Sheeting used shall be 3M DG3 diamond grade or similar prismatic sheeting,
- All sign assemblies shall use anti-vandal fasteners to mount components to sign and sign to fixture.
- All sign assemblies shall include W11-2 or as shown on the plans.
- The W16-7P Arrow or W16-9P Ahead sign shall be supplied pending location of the FLCW.

Control Circuit:

- The control circuit shall have the capability of independently flashing up to two independent outputs. The LED light outputs and flash pattern shall be completely programmable to flash the FLCW LED beacons or illuminated signs.
- The flashing output shall reach the output current as programmed for the duration of the pulse. The flashing output shall be programmable.
- The control circuit shall be installed in a NEMA rated aluminum enclosure.
- Control circuit shall be capable of storing input count data stored in preset intervals using a Windows based pc software program and standard RS232 programming cable.

Power Supply:

- The input voltage ranges from 100 to 130 volts and is between 50-60 Hz.
- The maximum total output from the power supply shall be 30 watts.

Pushbutton:

- The Push Button shall be ADA compliant, and shall operate as a normally open (n/o) circuit.
- Push Button shall have audible tone and LED light.

Pedestal Shaft:

- Must mount on standard 4.5" OD pedestal pole with breakaway base and 18" j-bolts

D. Warranty:

- 3 year standard warranty

MEASURE AND PAYMENT: The AC powered FLCW System shall be measured and paid for at the Contract unit price per each system. The payments shall be full compensations for furnishing, installing the system, configuring, testing, and for all material, technical applications, labor, equipment, tools, and incidentals including testing and furnishing documentation to complete the Work.

Each 2-pole system is comprised of:

- 2 - 15' Aluminum Poles with pedestal base
- 2 - AC Powered Systems
- 4 - W11-2 illuminated or non-illuminated MUTCD regulatory signs
- 4 - W16 "Arrow Down" MUTCD regulatory signs
- 8 - 12" LED circular amber beacons
- 2 - Controllers with wireless radios
- 2 - APS push button and sign assemblies

Each 3-pole system is comprised of:

- 3 - 15' Aluminum Poles with pedestal base
- 1- Solar Assisted Battery Powered System (For Pole in Median)
- 2 - AC Powered Systems (For Poles at Edges)
- 4 - W11-2 illuminated or non-illuminated MUTCD regulatory signs (1 EA for Edge poles and 2 for Median Pole)
- 4 - W16 "Arrow Down" MUTCD regulatory signs (1 each for Edge poles and 2 for Median Pole)
- 8 - 12" LED circular amber beacons (2 EA for Edge poles and 4 for Median Pole)
- 1 - Controller with solar system and wireless radio (For Pole in Median)
- 2 - Controllers with wireless radios (For Poles at Edges)
- 3 - APS push button and sign assemblies

Pole foundations and APS pushbuttons and associated signs shall be paid under separate line items to complete the installation of the FLCW and shall not be included in this unit price line item.

150. FURNISH AND INSTALL SOLAR POWERED FLASHING LED CROSSWALK WARNING (2 OR 3 POLE) SYSTEM:

Pay Item No. 614 993

The provisions of section 613.33 are supplemented as follows.

The contractor shall furnish, install, and commission a DDOT approved a 2 pole or 3 pole Pedestrian Crossing Flash Beacon (FLCW) system at the location specified in the contract drawings.

A. General Requirements:

Each FLCW shall be a complete assembly, consisting of but not limited to: retro reflective signage, 12" LED circular amber beacon(s), all mounting hardware, foundation anchor bolts and electrical components (wiring, solid-state circuit boards, etc.).

B. Functional Requirements:

- Each FLCW shall require a solar power system.
- Each FLCW shall be activated by an ADA compliant Push button.
- The FLCW shall be normally dark, shall initiate operation only upon pedestrian actuation, and shall cease operation after a predetermined time limit (based on MUTCD guidance).
- When activated, the FLCW unit indications shall flash in alternating flashing sequence per FHWA requirements.
- The activation length of the flashing lights shall be programmable 1 second to 24 hours in one second, minutes and hours increments.
- System shall provide actuation counter which can be downloaded at site to a PC using standard cables.

C. Materials:

Furnish a FLCW system to be a complete assembly, consisting of but not limited to a combination of the following items: retro reflective LED illuminated and/or non-illuminated signage, 12" LED circular amber beacon(s), all mounting hardware, foundation anchor bolts and electrical components (wiring, solid-state circuit boards, etc.). The FLCW assembly includes the following items:

FLCW 12" LED circular amber beacons:

The contractor shall follow section 613.22 and 613.24 of the DDOT 2013 Standard Specifications for Highways and Structures.

Signs:

The contractor shall provide illuminated LED outfitted or non-illuminated signs as specified in the design drawings.

- All signs illuminated or non-illuminated shall conform to MUTCD standards.
- All sign blanks shall be .080.
- Sheeting used shall be 3M DG3 diamond grade or similar prismatic sheeting,
- All sign assemblies shall use anti-vandal fasteners to mount components to sign and sign to fixture.
- All sign assemblies shall be R1-6a (1) or S1-1 30" X 30" or as shown on the plans.
- The W16-7P Arrow or W16-9P Ahead sign shall be supplied pending location of the FLCW.

Control Circuit:

- The control circuit shall have the capability of independently flashing up to two independent outputs. The LED light outputs and flash pattern shall be completely programmable to flash the FLCW LED beacons or illuminated signs.
- The flashing output shall reach the output current as programmed for the duration of the pulse. The flashing output shall be programmable.
- The control circuit shall be installed in a NEMA rated aluminum enclosure.
- Control circuit shall be capable of storing input count data stored in preset intervals using a Windows based pc software program and standard RS232 programming cable.

Power supply:

Solar-assisted Battery-powered System

Housing:

NEMA 3R rated aluminum cabinet with lockable clasps

Solar panel:

55 watt and adjustable 40° to 60°. Articulating mount rotates and pivots.

Mounting:

Aluminum mounting bracket (fits 4" – 4.5" O.D. pole)

Battery:

12V sealed gel battery requires no periodic watering. Sealed construction eliminates corrosive acid fumes and spills

Battery lifespan: Up to 5 years
 Autonomy: Up to 30 days without sun

Wireless Communication System:
 Frequency: 900 MHz FHSS
 Radio: Operates on 900 MHz frequency hopping spread spectrum network.
 Connectivity: Crosswalk and optional Advance LEDs flash concurrently.

Pushbutton:

- The Push Button shall be ADA compliant, and shall operate as a normally open (n/o) circuit.
- Push Button shall have audible tone and LED light

Pedestal Shaft: Must mount on standard 4.5" OD pedestal pole with breakaway base and 18" j-bolts

- Warranty: 3 year standard warranty

MEASURE AND PAYMENT: The solar powered FLCW System will be measured and paid for at the Contract unit price per each system. The payments will be full compensations for furnishing, installing the system, configuring, testing and for all material, technical applications, labor, equipment, tools, and incidentals including testing and furnishing documentation to complete the Work.

Each 2-pole system is comprised of:

- 2 - 15' Aluminum Poles with pedestal base
- 2 - Solar Assisted Battery Powered Systems
- 4 - W11-2 illuminated or non-illuminated MUTCD regulatory signs
- 4 - W16 "Arrow Down" MUTCD regulatory signs
- 8 - 12" LED circular amber beacons
- 2 - Controllers with solar system and wireless radios
- 2 - APS push button and sign assemblies

Each 3-pole system is comprised of:

- 3 - 15' Aluminum Poles with pedestal base
- 3 - Solar Assisted Battery Powered System (*For Pole in Median*)
- 4 - W11-2 illuminated or non-illuminated MUTCD regulatory signs (*1 EA for Edge poles and 2 for Median Pole*)
- 4 - W16 "Arrow Down" MUTCD regulatory signs (*1 each for Edge poles and 2 for Median Pole*)
- 4 - 6" x 36" "UP TO \$250 FINE" signs (*1 each for Edge poles and 2 for Median Pole*)
- 8 - 12" LED circular amber beacons (*2 EA for Edge poles and 4 for Median Pole*)
- 3 - Controllers with solar system and wireless radio
- 3 - APS push button and sign assemblies

Pole foundations and APS pushbuttons and associated signs will be paid under separate line items to complete the installation of the FLCW and shall not be included in this unit price line item.

Except as provided herein, all terms and conditions of the document is referenced in Item 9A or 10A remain unchanged and in full force and effect.

15A. Name and Title of Signer (Type or print)		16A. Name of Contracting Officer	
		Steven H. Wishod	
15B. Name of Contractor	15C. Date Signed	16B. District of Columbia	16C. Date Signed
(Signature of person authorized to sign)		(Signature of Contracting Officer)	