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DEPARTMENT OF TRANSPORTATION  
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**VIA OVERNIGHT DELIVERY**

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November 10, 2011

Contract No. T200600801.01  
Federal Aid Project No. ESTP-K051(1)  
SR8, FORREST AVENUE & PEARSONS CORNER ROAD INTERSECTION IMPS  
Kent County

Ladies and Gentlemen:

Enclosed is Addendum No. 4 for the referenced contract consisting of the following:

1. One (1) page, Table of Contents, page iv, revised, to be substituted for the same page in the Proposal.
2. One (1) page, Special Provisions, 746594 - Luminaire (HPS), 250W, page 90A , new, to be added to the Proposal.
3. One (1) page, Special Provisions, 746889 - Aluminum Lighting Single Davit Arm, 12', page 100A, new, to be added to the Proposal.
4. One (1) page, Bid Proposal Forms, page 10, revised, to be substituted for the same page in the Proposal.
5. For proposal holders with the electronic bid option only, Amendment Disk No. 1.

Questions and Answers:

1. The line items call for (6) lighting standards with arms but there are also (7) more light fixture heads and arms mounted on existing wooden poles. Please advise how to include these fixtures on the bid.

**Addressed in Addendum No. 3. Items 746889 - Aluminum Lighting Single Davit Arm, 12' Arm Spread and 746594 - Luminaire (HPS), 250W were added.**

2. Note 1 on sheet 21 calls out restricted daytime hours. There is no mention of nighttime work hours. There is a quantity of 150 EADY of Portable Light Assemblies in this bid. Is any portion of this work required to be accomplished during nighttime hours?

**No required night work is anticipated but is optional. Bid the quantity regardless.**

3. If no, should this item be eliminated?

**See response to Contractor Question 2.**

4. If yes, what portion of the work is required to be accomplished during nighttime hours?

**See response to Contractor Question 2.**

5. Page 1 of the Bid Proposal, under the Apprentice Program in Del DOT Contracts section, the bolded "Craft Training and Apprentice Program - 29 Del C.69629©" is referenced. There is no 29 Del C.69629©. Please advise us as to what your intent is.

**Please refer to 29 Del C.6962©.**

Please note the revisions listed above and submit your bid based upon this information.

Sincerely,

A handwritten signature in black ink, appearing to read "Scott S. Gottfried". The signature is fluid and cursive, with the first name "Scott" and last name "Gottfried" clearly legible.

Scott S. Gottfried  
Competitively Bid Contracts Coordinator  
:ssg  
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**746594 - LUMINAIRE (HPS) 250 WATT****Description:**

This work consists of furnishing and installing Type A and Type B 250 watt high pressure sodium fixtures on poles, in accordance with these specifications and as shown on the Plans.

**Materials:**

The complete Type A or Type B luminaire shall be a 250 watt high pressure sodium type powered from a nominal 240 or 277 volt, 60 hertz source. The luminaire shall have a heavy-duty die-cast aluminum housing with an electrocoat gray finish and a hinged and removable door assembly with a heat/impact resistant glass prismatic lens. The luminaire shall be provided with internal two-inch slipfitter mounting and photocell control. The ballast shall be a multi-tap (120/208/240/277 volt) auto-regulating type, capable of starting and operating the lamp down to temperatures of 78°F (28°C). The optical assembly shall be sealed with a perimeter gasket and activated charcoal filter.

The Type A fixture shall have medium, semi-cutoff NEMA Type 3 distribution and shall be General Electric Catalog Number M4AR-25-S-0-M-2-G-MS3-2, Lithonia Lighting CHLD-250S-R3-DLG-TB-MRB-PEU-CF or approved equal.

The Type B fixture shall have medium, non-cutoff NEMA Type 4 distribution and shall be General Electric Catalog Number M4AR-25-S-0-M-2-G-MN4-2-F or Holophane Vector Model No. HL2A250HPMTKGR-PR approved equal.

**Method of Measurement:**

The quantity of 250 watt (HPS) luminaires will be measured as the actual number of luminaires provided complete in place and accepted.

**Basis of Payment:**

The quantity of 250 watt (HPS) luminaires will be paid for at the Contract unit price per each. Price and payment will constitute full compensation for furnishing all materials, and for all labor, tools, equipment, and incidentals necessary to complete the item installation.

11/2/11

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**746888 - ALUMINUM LIGHTING SINGLE DAVIT ARM, 8' ARM SPREAD**  
**746889 - ALUMINUM LIGHTING SINGLE DAVIT ARM, 12' ARM SPREAD**  
**746890 - ALUMINUM LIGHTING SINGLE DAVIT ARM, 15' ARM SPREAD**

**Description:**

The work consists of furnishing and installing Aluminum Lighting Single Davit Arms in accordance with the Contract Details, as shown on the Plans, and/or as directed by the Engineer to make a functional roadway lighting system.

**Materials and Construction Methods:**

All materials shall be of the best quality and free from all defects. No materials shall be installed until approved by the Engineer. Any material not specifically covered in these specifications shall be in accordance with accepted standards and as directed by the Engineer. Any materials deemed unsatisfactory by the Engineer, shall be replaced by the Contractor.

Lighting davit arms, used in conjunction with lighting poles specified under separate special provisions in the Contract, shall meet or exceed the requirements of the latest edition of AASHTO "Standard Specifications for Structural Supports for Highway Signs, Luminaires and Traffic Signals" based on wind loads applicable for New Castle County. Computations confirming conformance with latest edition of AASHTO Specifications, with the year of the edition specified, shall be submitted to the Delaware Department of Transportation for approval.

The davit arms shall each be spun from one piece of seamless tubing, the strut and arm plates shall be extruded, all of which conform to the requirements of ASTM B221 aluminum alloy 6063-T6.

<b>Nominal Luminaire Mounting Height</b>	<b>Nominal Davit Arm Spread</b>	<b>Outer Diameter at bottom of davit arm **</b>	<b>Wall Thickness</b>
30'			
	12'	6" (bottom)	0.188"
	15'	6" (bottom)	0.188"

Arms shall be of the davit type consisting of an aluminum shaft having the outer diameter and wall thickness as listed in the table above. The luminaire end of the davit arm shall be fitted with a 2" (50 mm) NPS aluminum pipe with nominal length of 8 inches.

Shop drawings and catalog cuts for all electrical and related materials shall be submitted to DelDOT for approval.

Nuts, couplings, washers, and cap screws shall be of carbon steel conforming to the requirements of ASTM A307, and hot-dip galvanized in accordance with AASHTO M 232/M 232M.

**Method of Measurement:**

The quantity of aluminum lighting single davit arms will be measured as the actual number installed and accepted.

**Basis of Payment:**

The quantity of aluminum lighting single davit arms will be paid for at the Contract unit price per each. Price and payment will constitute full compensation for furnishing and installing davit arm, including all materials, labor, equipment, washers, shims, nuts, and all other connection hardware necessary for the supply and installation of davit arm(s). The price will also include all miscellaneous hardware, labor, tools, equipment, and incidentals necessary to complete the work.

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CONTRACT ID: T200600801.01 PROJECT(S): ESTP-K051(1)

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CONTRACTOR : \_\_\_\_\_

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0890	763500 MAINTENANCE OF TRAFFIC	LUMP	LUMP			
0900	763501 CONSTRUCTION ENGINEERING	LUMP	LUMP			
0930	746889 ALUMINUM LIGHTING SINGLE DAVIT ARM, 12' ARM SPREAD	7.000 EACH				
0940	746594 LUMINAIRE (HPS), 250 WATT	7.000 EACH				
	SECTION 0001 TOTAL					
	TOTAL BID					

