



Bid Questions and Answers Report

Date & Time:

9/30/2013 8:59:36 AM

District Address: District 1 Construction Office, located at 801 N Broadway, Bartow, FL 33830

District Phone: (863) 519-2222

Proposal: T1569

Project: 429114-1-52-01

Letting Date: 9/25/2013

Location: CENTRAL OFFICE

Description: SR 540 (CYPRESS GARDENS BLVD)

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Question: 5028: During a site visit, noticed that there are existing internally illuminated sign arms located on the project. Can these arms be re-used? If "NO" will the EOR provide calculations for new sign arms? Posted: 9/18/2013 4:53:25 PM

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Answer: The internally illuminated street sign cantilever clamps cannot be reused. The plans call for new signing, which is typically larger than existing. As outlined in Standard Specification 699, it is the contractor's responsibility to supply the cantilever clamp shop drawings. Status: ANSWER PUBLISHED  
Posted: 9/19/2013 2:44:58 PM

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Question: 5029: Will luminaire & bracket arms require painting? If so can you provide the RAL codes for the paint chips? Posted: 9/18/2013 4:54:59 PM

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Answer: Yes, the painting of the luminaire & bracket arms and RAL codes for the paint chips shall be addressed through Plan Revision # 2 and issued as Addendum # 1 and shall be sent to all perspective bidders for their information. Status: ANSWER PUBLISHED  
Posted: 9/20/2013 12:25:50 PM

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Question: 5030: The signalization plans show 250w luminaires being added to 4 of the 7 intersections. The existing mast arm poles (24' height) are not suited to mount an additional luminaire arm since there is no additional upright that usually is constructed on a mast arm (39' height) requiring the luminaire. How is this to be accounted for? How are they supposed to be mounted? The plan sheets show some type of rounded davit arm. How does this mount to the top of the existing pole? Does this maintain the proper structural integrity and wind loading required? Also, what type of luminaire is required? Shoebox or Cobrahead? If cobrahead is required, what length extension truss arm is required for each pole? Please advise  
Posted: 9/18/2013 4:56:08 PM

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Answer:	Question 1. The signalization plans show 250w luminaires being added to 4 of the 7 intersections. The existing mast arm poles (24' height) are not suited to mount an additional luminaire arm since there is no additional upright that usually is constructed on a mast arm (39' height)requiring the luminaire. How is this to be accounted for? How are they supposed to be mounted?	Status: ANSWER PUBLISHED
	Answer 1. As shown in the plans, the luminaires shall be mounted on top of the existing mast arm upright utilizing a davit arm with the dimensions shown on the mast arm / strain pole tabulation sheets.	Posted: 9/20/2013 12:24:16 PM
	Question 2. The plan sheets show some type of rounded davit arm. How does this mount to the top of the existing pole? Does this maintain the proper structural integrity and wind loading required?	
	Answer 2. A load analysis has been performed and approval has been granted to add luminaires to the mast arm uprights shown in the plans. Insofar as mounting is concerned, please see the last paragraph under pay item note 715-5-12. As it states, in general, that a connection plate is to be utilized and the contractor is directed to contact the manufacturer of the structure and insure that the connection plate for the davit arm is compatible (proper fit) with the existing structure.	
	Question 3. Also, what type of luminaire is required? Shoebox or Cobrahead? If cobrahead is required, what length extension truss arm is required for each pole?	
	Answer 3. Lighting analysis was completed using GE 451002.ies cobra fixture. This will be addressed with Plan Revision #2 and issued through Addendum # 1 and sent out to all prospective bidders.	