



Bid Questions and Answers Report

Date & Time: 9/30/2013 9:23:56 AM

District Address: District 5 Construction Office, located at 719 South Woodland Blvd, Deland, FL 32720

District Phone: (386) 943-5350

Proposal: T5476

Project: 241241-1-52-01

Letting Date: 9/25/2013

Localtion: CENTRAL OFFICE

Description: (APOLLO BLVD)

Question: 4869: Are comp books available for this project? Posted: 9/4/2013 8:04:22 AM

Answer: The Department does not guarantee the details or computations contained within the computation book. The computation book is provided for informational purposes only and is not part of the contract documents. The bidder shall make independent calculations and base the bid solely on these calculations. The bidder's submission of a proposal is prima facie evidence that the bidder has not relied on the computation book. No claim for compensation may be based on an inaccuracy contained within the computation book. The computation book is available for download from you order history in online ordering. URL: <https://www3dot.state.fl.us/ContractProposalProcessingOnlineOrdering/>. Status: ANSWER PUBLISHED
Posted: 9/5/2013 12:20:29 PM

Question: 4870: On Contract Drawing Sheet No. 17 it indicates Pavement Coring Data is available for this project on the ftp site. We did not find any Data for this project. Is there any existing pavement core information available? Posted: 9/4/2013 1:13:03 PM

Answer: Yes, Please see attached Pavement Coring Data. Click to expand Show Documents below. Status: ANSWER PUBLISHED
Posted: 9/5/2013 12:46:32 PM

Document: 2616920: Apollo Blvd Pavement Cores.pdf

Pavement Coring Data file.

Question: 4875: Bid Item 0515-1-2 (Pipe Handrail - Guiderail) is typically per Index 870. Several pages on the plans (40,43,44,50,51) call for 4'-6" handrail, which is only available in Index 862.

Posted: 9/4/2013 5:28:34 PM

Is all the handrail Index 862 and, if so, what type? If some of the handrail is per Index 870, and some per Index 862, need to know which.

Please clarify.
Thank you.

Answer: plans will be revised to eliminate the 4'-6" handrail callout. All the handrail will be per Index 870. This will be reflected in a forthcoming Plans Revision.

Status: ANSWER PUBLISHED

Posted: 9/10/2013 2:28:40 PM

Question: 4877: Would you please provide the sign-in sheets for pre-bid meeting.

Posted: 9/5/2013 9:27:46 AM

Answer: Yes. Click to expand Show Documents below.

Status: ANSWER PUBLISHED

Posted: 9/5/2013 2:49:48 PM

Document: 2617608: 241241-1 Apollo Blvd Pre-Bid Attendance.pdf

Pre-bid attendance sheet file.

Question: 4884: Based on current policy applied coatings are not the default finish. Will plan note on Sheet B-03 requiring applied finishes be removed prior to bid?

Posted: 9/5/2013 11:06:36 AM

Answer: No. The applied finishes as defined in the plans will remain on the project.

Status: ANSWER PUBLISHED

Posted: 9/9/2013 4:26:40 PM

Question: 4886: In reference to the Buy America requirements under 6-5.2 Source of Supply-Steel as it applies to the Utility Portions of this project;
a). Please confirm that it does apply fully to Financial Project ID 241241-1-56-02 which represents labor and material funded by the FDOT.
b). Please confirm if it does or does not apply to Financial Project ID 241241-1-56-01 under the plan sheets UM-4 through UM-34 which represents labor and material funded by the Utility Authority, in this case, the City of Melbourne.

Posted: 9/5/2013 11:49:41 AM

Answer:	For Utility Work by Highway Contractor (UWHC) work that is let with our projects, if steel is not available in the US, then the contractor can use other sources. This is applicable to projects with Letting (Bid) Dates before Dec. 31, 2013. After that all UWHC work let with our construction projects must comply with the Buy America clause.	Status: ANSWER PUBLISHED Posted: 9/5/2013 5:18:15 PM
Question:	4887: Note 16 on PS B1-17 requires work included in pay item 455-18, Protection of Existing Structures. Will this pay item be added prior to bid or will the work be treated as Unforseeable Work in accordance with 455-11.11?	Posted: 9/5/2013 1:37:47 PM
Answer:	Pay item 455-18, Protection of Existing Structures - 1 LS will be added to the project. This will be reflected in a forthcoming Plans Revision.	Status: ANSWER PUBLISHED Posted: 9/11/2013 3:19:09 PM
Question:	4897: Index 699-3.2 indicates pay item 699-1-1 shall not exceed 18 square feet in area, but the plans show several internally illuminated signs exceeding that limit. The signs for Eau Gallie Blvd, Apollo Blvd, & Commodore are all in excess. Please advise.	Posted: 9/6/2013 2:39:25 PM
Answer:	The contractor must submit shop drawings for the signs per Spec 699-3.3. The 18sq.ft. area is not a limit to the allowable size of the street name sign. This is the limit for acceptance by Certification only.	Status: ANSWER PUBLISHED Posted: 9/11/2013 3:20:49 PM
Question:	4948: The comp. book provided only addresses the structures for the project. Please provide the comp. book for the roadway items.	Posted: 9/10/2013 4:26:52 PM
Answer:	The roadway and structures computation books have now been verified to be available. The Department does not guarantee the details or computations contained within the computation book. The computation book is provided for informational purposes only and is not part of the contract documents. The bidder shall make independent calculations and base the bid solely on these calculations. The bidder's submission of a proposal is prima facie evidence that the bidder has not relied on the computation book. No claim for compensation may be based on an inaccuracy contained within the computation book. The computation book is available for download from you order history in online ordering. URL: https://www3dot.state.fl.us/Contract ProposalProcessingOnlineOrdering/	Status: ANSWER PUBLISHED Posted: 9/11/2013 9:46:17 AM
Question:	4957: Sheet S-4 of the Signing and Paving Marking plans provided Stop Sign Detail which request using 2" Square Tube Post for the Stop signs. Does this apply only to stop signs or are we instructed to use 2" Square Tube Post for all the signs on this project?	Posted: 9/12/2013 9:39:45 AM

Answer:	The detail was requested by Brevard County. This detail will only apply for the stop signs and street signs along Apollo Blvd. south of Sarno Road and Sarno Road which are owned by Brevard County. All other stop signs and street signs will follow FDOT Design Standards. The construction plans will be revised to provide clarification, and it will be included in forthcoming Revision #2.	Status: ANSWER PUBLISHED
		Posted: 9/18/2013 4:20:38 PM
Question:	4965: The utility work on pages UM1 through U-22 makes reference to pipe restraint and states to refer to the "joint restraint table" for the required restraining lengths and information. We find there is no joint restraint table in the plans for this information. As there is no bid/pay item for restraining the pipe this information must be provided to accurately assess and cost this work. Please provide this information (Joint Restraint Table) ASAP so we can proceed with our estimate accordingly.	Posted: 9/12/2013 2:23:11 PM
Answer:	We will revise sheets UM-41 and U-28 to add the MJ restraint table. There is no bid item for restraints because within the TSP's we include the following: "The cost of all labor and material of mechanical joint restraints or thrust blocks will be included in the cost of utility pipe and will not be paid for separately."	Status: ANSWER PUBLISHED
		Posted: 9/18/2013 4:13:04 PM
Question:	4966: Bid Item 0460- 0430 174 224, Pipe Culvert, Opt Material, Other Shape/Elliptical/Arch 24" SD; We can not locate this pipe/item of work in the plans and it does not appear included in the drainage tabulation sheets or cross sections to assess the scope of work. Can you please identify the location of this work in the plans or if not included, can you please provide revised plan sheets and tabulations with this work if it to be included/constructed for this project?	Posted: 9/12/2013 2:27:07 PM
Answer:	The pay item number will be changed from 430-174-224 to 430-175-218 and the quantity will remain the same as shown below. This correction will be made to the construction plans and will be reflected in forthcoming Revision #2. Pay Item 430-174-224 PIPE CULVERT, OPTIONAL MATERIAL,OTHER-ELLIP/ARCH,24"SD DELETE Quantity 231 LF, Pay Item 430-175-218 PIPE CULVERT, OPTIONAL MATERIAL,OTHER-ELLIP/ARCH,18"S/CD ADD Quantity 231 LF.	Status: ANSWER PUBLISHED
		Posted: 9/18/2013 4:18:40 PM
Question:	4967: Item 0455 133 2 Sheet Piling, Steel, Temporary-Critical; It appears this sheeting is to be installed for the installation of specific drainage structures only, and does not address the pipe to be installed to/from the structures. It appears possible to install these structures without the utilization of extensive sheet piling. What is the purpose of this sheet piling at these specific locations? And can alternate shoring/sheeting methods be utilized, or will temp steel sheet piling be the ONLY method approved and utilized? Please clarify this issue.	Posted: 9/12/2013 2:31:53 PM

Answer:	A critical temporary wall is one that is necessary to maintain the safety of the traveling public, or structural integrity of nearby structures or utilities. Critical temporary walls require complete design in the contract plans. Based on the close proximity of certain drainage structures to right-of-way line and the land use outside of the right-of-way (i.e. parking lots or similar), critical temporary wall was detailed in the contract plans. An alternative method of soil support at these locations would be permitted provided that the design is compliant with the requirements of the FDOT Structures Design Guidelines.	Status: ANSWER PUBLISHED Posted: 9/18/2013 5:09:33 PM
Question:	4968: Items 0591-1-1, 0591-1-2, 0630-2-11, and 0630-2-12; We cannot locate these items, work, and quantities within the roadway plans and details. Can you please identify the location of this work, verify the quantities, and/or provide revised plan sheets, quantities and details for this work?	Posted: 9/12/2013 2:37:08 PM
Answer:	For pay items 0591-1-1, 0591-1-2, and 0630-2-12 per FDOT Estimates Bulletin 13-03 the irrigation sleeves shown in the landscaping plans are loaded in the roadway category. The pay items are shown in the roadway computation book. Pay item 630-2-11 is shown on sheet 46 of the roadway plans.	Status: ANSWER PUBLISHED Posted: 9/18/2013 4:07:36 PM
Question:	4971: The plans used to develop the quantities from the computation book seem to differ from those issued for bidding. For instance, the bid plans show the overlay on Eau Gallie Blvd begins at station 19+20.00. The comp book plans (Comp book page 6-F) show the overlay begins at 8+32.xx. Are the current bid quantities based on a set of plans preceding those issued for bid? If so, need the quantities be updated?	Posted: 9/12/2013 3:35:53 PM
Answer:	The plans will be revised to reflect the correct limits for the milling and resurfacing. The quantities shown in the computation book are correct. The corrected milling and resurfacing limits will be reflected in forthcoming Revision #2.	Status: ANSWER PUBLISHED Posted: 9/18/2013 12:36:34 PM
Question:	4974: Please confirm the following requirements as stated in 1055-2.2 MJ Fittings 4" and Larger: Double Cement Lining of MJ DI Fittings in the Water Main and Reclaimed Water Systems. This is not an industry standard.	Posted: 9/13/2013 9:00:02 AM
Answer:	All potable water fittings and all reclaimed water fittings shall conform to Section 1055-2.2 of the Technical Special Provisions.	Status: ANSWER PUBLISHED Posted: 9/20/2013 3:15:01 PM
Question:	4978: Please confirm the following requirements as stated in 1055-2.2 MJ Fittings 4" and Larger: "compact fittings will be used on 4" thru 16" sized only" requiring C110 Full Body MJ Pattern required for the 20" DI MJ Fittings. C110 Fully body fittings are an outdated spec for most municipalities. We are requesting the supply and installation of 20" C153 Compact Fittings for use on this project.	Posted: 9/13/2013 10:51:11 AM

Answer: The City will accept 20-inch compact fittings conforming to ANSI/AWWA Standard C153/A21.53. Status: ANSWER PUBLISHED
Posted: 9/18/2013 4:29:58 PM

Question: 4979: Please confirm the following requirements as stated in 1055-2.2 MJ Fittings 4" and Larger: Fusion Bonded Epoxy Force Main DI MJ Fittings. If this is the confirmed requirement would P401 Lined Fittings be an accepted alternate? Posted: 9/13/2013 10:52:28 AM

Answer: P401 lining is an acceptable alternative for sewer force main fittings. Status: ANSWER PUBLISHED
Posted: 9/20/2013 3:16:50 PM

Question: 4980: Utility plan sheet U-4, at Sta. 533+04 there is shown a 16"x6" tapping sleeve and valve to be constructed. There is no pay item for this work (5"-7.9" tapping saddle/sleeve)and the bid tab sheet U-2 does not include a quantity for either the tapping saddle or the 6" valve. How is this work to be paid for? Will a pay/bid item be provided for this work and the quantities adjusted or is it to be incidental to some other work item? If incidental please clarify to which item or provide a pay/bid item and revised quantity for this work. Posted: 9/13/2013 11:07:07 AM

Answer: The item for the Sta. 16"x6" tapping sleeve and valve to be constructed shown at Station 533+04 is included on sheet U-5. The Tabulation of Quantities Sheet (U-2) shows two (2) each 16-19.9" tapping sleeve and valve assemblies which includes the one at Station 533+04. The pay item covers both the 16"x6" and the 16"x8" tapping sleeves and valves shown on Sheet U-5 and as per the Technical Special Provisions. For additional information, the generic pay item numbers with specific descriptions, units, and quantities can also be found on the Tabulation of Quantities Sheets UM-2, UM-3, U-2, and U-3. An Addendum will be issued to address the missing descriptions for generic pay items. Status: ANSWER PUBLISHED
Posted: 9/20/2013 3:25:54 PM

Question: 4985: Can the Department please make the Geotechnical Reports for the roadway and pond locations available. Posted: 9/13/2013 2:57:51 PM

Answer: Yes. Click to expand Show Documents below. Status: ANSWER PUBLISHED
Posted: 9/18/2013 4:03:18 PM

Document: 2647525: Geotech - Roadway.pdf

Geotechnical Report for the roadway attached.

Question: 4986: In reference to the Utility Plans at the FDOT Expense and Pay item 0000-700-7, Butterfly Valvs. The Tabulation of Quantities shows a 16" Butterfly Valve on sheet U-9. There is one 16" Valve on sheet U-9 at 556+90.64 and it is called out as a Gate Valve which should be paid under Pay item 1080-11-404, however the Tab of quantities does not indicate a Gate Valve under that pay item on Sheet U-9. Please clarify if the valve in question is a 16" Butterfly or Gate Valve.

Answer: The plan portion of sheet U-9 call out is incorrect and should be a 16" butterfly valve (BV&B) not a 16" gate valve (GV&B). The profile portion of sheet U-9 and the tabulation sheet U-2 shows it correctly. Sheet U-9 will be revised to show this correctly, and it will be included in forthcoming Revision #2.

Status: ANSWER PUBLISHED

Posted: 9/18/2013 4:09:43 PM

Question: 4987: Insertion Valves; On many utility plan sheets there are work items to be constructed and referred to as "Insertion Valves". There are no details for this work/these valves and no apparent bid/pay item for this work. Are these to be typical wet tap type valves or other? Will they be paid under the 0000-700-1 through 8 bid items? Please clarify how these items will be paid and provide details for these valves if other than typical wet tap valve assemblies.

Answer: The QPL lists the acceptable manufacturers that can provide Insertion Valves and the Technical Special Provisions (TSP's) detail the specific requirements for this item. The installation of an Insertion Valve is made while the existing main is under pressure and is considered a wet tap procedure.

As detailed in the TSP's, Insertion Valves of the various sizes are paid for under the following pay item numbers:

0000-700-1; UTILITY DESIGN GROUP - GENERIC PAY ITEM 1 (UTILITY FIXTURES, F&I, (8-11.9")), INSERTION VALVE ASSEMBLY
0000-700-2; UTILITY DESIGN GROUP - GENERIC PAY ITEM 2 (UTILITY FIXTURES, F&I, (12-19.9")), INSERTION VALVE ASSEMBLY

Question: 5001: Utility plan page UM-23, at app. Sta. 540+35.26 RT there is shown a 20" GV&B to be installed. This GV&B does not appear in the tabulation sheets and therefore the quantity will be incorrect. Is this valve to be constructed? Will the quantity be adjusted and the bid form/quantity be also adjusted prior to the bid due date, as this assembly does have a significant cost? Please clarify this issue and adjust as needed. In addition, we have found numerous quantity and item issues too numerous to list herein without redundancy and would be unable to submit all prior to the bid question cut off date. Can you please confirm that all work will be paid per UNIT PRICE via the items in the bid form, and that any/all work without a bid/pay item will be paid for via change order as applicable? Please clarify these issues so that we can proceed accordingly.

Answer: Please disregard Bid Question #5001 as requested in the submitted Bid Question #5002.

Status: ANSWER PUBLISHED

Posted: 9/20/2013 3:59:00 PM

Question: 5002: bid question ID 5001- Gentlemen please disregard previous question regarding GV&B at Sta 540+35.26, we see that it is listed under a quantity for another new item. Please do proceed and post the following summarized question as follows in your edit:
We have found numerous quantity and item issues too numerous to list herein without redundancy and would be unable to submit all prior to the bid question cut off date. Can you please confirm that all work will be paid per UNIT PRICE via the items in the bid form, and that any/all work without a bid/pay item will be paid for via change order as applicable? Please clarify these issues so that we can proceed accordingly.

Posted: 9/16/2013 10:19:36 PM

Answer: All work to be completed under this contract shall be in accordance with the plans and specifications and will be paid for under the unit price items in the bid forms. Some generic pay item descriptions are being addressed through a forthcoming Addendum.

Status: ANSWER PUBLISHED

Posted: 9/20/2013 4:01:18 PM

Question: 5003: Can the department please provide the geotechnical reports for the roadway and ponds ans we need this information to properly evaluate if the onsite material is suitable for the MSE backfill.

Posted: 9/17/2013 7:36:50 AM

Answer: Please see response and attachment to Bid Question #4985.

Status: ANSWER PUBLISHED

Posted: 9/20/2013 4:03:53 PM

Question: 5007: In reference to plan sheet 250, "Work Zone Transition Area Overlay," please provide stationing outlining this work so we may determine the areas (sy) of each of the locations. I do not see where these areas are defined in the MOT plan sheets provided.

Posted: 9/17/2013 11:09:53 AM

Answer: The areas and limits for the overlay are shown in the roadway computation book under pay item 102-1.

Status: ANSWER PUBLISHED

Posted: 9/20/2013 4:04:56 PM

Question: 5008: Plan page UM-33, at Sta. 29+00 LT (Eau Gallie) there is an 18" split steel casing to be constructed over an existing sanitary sewer main. How is this work to be paid for? If a bid item and quantity for this work has been provided please identify it so this work can be bid accordingly.

Posted: 9/17/2013 11:37:47 AM

Answer: Per the TSP's the item is to be paid for as follows: Item No. 1050-11-514 Utility Pipe, F&I, Steel Casing/Conduit, 8-19.9" - per linear foot.

Status: ANSWER PUBLISHED

Posted: 9/20/2013 4:07:42 PM

Question:	5009: Erosion Control- There does not appear to be an erosion control plan of any kind for this project and there are no standard erosion control bid/pay items, either units or LS. Will erosion control of any kind be required for this project? Will it be by others? Will a plan and bid items be provided prior to the bid due date? Please clarify this issue or confirm if erosion control is not included as part of this project bid.	Posted:	9/17/2013 3:05:52 PM
Answer:	The erosion control is covered under Pay Item #908-104-1 (Contractor's Sediment and Erosion Control - 1 Lump Sum). Refer to the Prevention, Control, and Abatement of Erosion and Water Pollution Developmental Specification in the Specification Package for the erosion control requirements.	Status:	ANSWER PUBLISHED
		Posted:	9/20/2013 4:12:29 PM
Question:	5010: 1) Please refer to note 12 on traffic control plan sheet 249. This note requires us to use an Asphalt thin overlay method in order to remove conflicting pavement markings at transition locations designated in the traffic control plans. We were unable to find these designated areas in the traffic control plans. However, we were able to find designated areas in the computation books supplied. Please advice if we are required to use this method at the designated areas in the computation book? Additionally, will water-blasting be accepted in lieu of this requirement?	Posted:	9/17/2013 3:10:52 PM
Answer:	Yes. The thin asphalt overlay shall be used in the areas designated in the roadway computation book, as required by Note 12 in the Traffic Control Plans, Sheet 249. The thin asphalt overlay is the preferred method to remove conflicting pavement markings in transition areas and intersections. Water blasting will not be accepted in lieu of the thin asphalt.	Status:	ANSWER PUBLISHED
		Posted:	9/20/2013 4:15:46 PM
Question:	5011: 1) Please refer to note 12 on traffic control plan sheet 249. This note requires us to use an Asphalt thin overlay method in order to remove conflicting pavement markings at transition locations designated in the traffic control plans. We were unable to find these designated areas in the traffic control plans. However, we were able to find designated areas in the computation books supplied. Please advice if we are required to use this method at the designated areas in the computation book? Additionally, will water-blasting be accepted in lieu of this requirement?	Posted:	9/17/2013 3:11:31 PM
Answer:	Yes. The thin asphalt overlay shall be used in the areas designated in the roadway computation book, as required by Note 12 in the Traffic Control Plans, Sheet 249. The thin asphalt overlay is the preferred method to remove conflicting pavement markings in transition areas and intersections. Water blasting will not be accepted in lieu of the thin asphalt.	Status:	ANSWER PUBLISHED
		Posted:	9/20/2013 4:16:59 PM
Question:	5036: Storm Structure S-120 is shown to have a 36" Jack & Bore installed across Eau Galle Blvd. Plan sheet shows the same. This Jack & Bore is also listed in the drainage tabulation sheets with a quantity of 96' LF. We can find no bid/pay item for this work. Will a bid/pay item be provided and the bid form modified accordingly? I fno bid item is to be provided for this work where are the costs for this work to be included? As this work will have a significant cost to construct please clarify this issue or modify as needed so it can be bid accordingly.	Posted:	9/19/2013 2:49:37 PM

Answer: Question disregarded per request on Bid Question #5038. Status: ANSWER PUBLISHED

Posted: 9/20/2013 4:22:17 PM

Question: 5038: Storm Structure S-120- 36" Jack & Bore Question previously submitted; Gentlemen our apologies, please disregard previously sent question regarding 36" Jack & Bore bid/pay item. We did locate the bid item under 0430 185 136, which is not the typical FDOT item number for steel casing/Jack & Bores. Please disregard previous question regarding this issue. Posted: 9/19/2013 3:00:17 PM

Answer: Noted. Bid Question #5036 disregarded. Status: ANSWER PUBLISHED

Posted: 9/20/2013 4:24:21 PM