

August 10, 2021

TO: All Bidders under Invitation to Bid No. 21-101331

FROM: Department of Purchasing and Contracting, DeKalb County, Georgia

ADDENDUM NO. 5

Invitation to Bid (ITB) 21-101331 Scott Boulevard Phase III Watermain Replacement is hereby amended as follows:

A. It is **MANDATORY** that the bidder acknowledges Addendum No. 5.

B. **Modification to the Bid.**

- 1. Attachment B, Bidder's Unit Price Form. Delete in its entirety. Replace with (Revised August 10, 2021) Attachment B, Bidder's Unit Price Form.
- 2. Attachment Q, Sample Standard Contract For Construction. Delete in its entirety. Replace with (Revised August 10, 2021) Attachment Q, Sample Standard Contract For Construction.
- 3. Exhibit 3, Drawings, C-201 Watermain Replacement Plan And Profile. Delete in its entirety. Replace with (Revised August 10, 2021) Exhibit 3, Drawings, C-201 Watermain Replacement Plan and Profile.
- 4. Exhibit 3, Drawings, C-202 Watermain Replacement Plan And Profile. Delete in its entirety. Replace with (Revised August 10, 2021) Exhibit 3, Drawings, C-20 Watermain Replacement Plan And Profile.
- C. We have received additional questions pertaining to this Invitation. The questions and their resulting answers appear below:
 - 1. <u>Question</u>: In specification 02665.2.01.A it calls for pressure class 200 DIP for 30"-54". In the bid form and in the drawings it call out pressure class 250 DIP is to be used. Can you please clarify which pressure class is to be used?

Pipe Sizes	
Pipe Diameter (inches)	Pressure Class (psi)
4 - 12	350
14 – 18	350
20	300
24	250
30 - 54	200
60 - 64	200

Answer: Pressure Class 250 to be installed.

2. <u>Question</u>: Is the intent of the County to allow for sequenced road closures for the installation of the watermain as keeping (1) lane of traffic open for traffic is not feasible for the installation of this diameter of pipe?

<u>Answer</u>: Sequenced road closures are allowed however residences must be able to get to their homes.

3. <u>Question</u>: In the measurement and payment section 01210.2.13.A it references using a licensed plumber for service line replacements. Is it the County's intent to allow the awarded contractor to install services from the mainline to the meter and anything between meter and residential/commercial property would need to be done by a licensed plumber?

<u>Answer</u>: The awarded contractor is to install new services lines from the mainline to the meter, and then a licensed plumber will need to install anything between the meter and residential/commercial property.

4. <u>Question</u>: In the DWM design manual detail G-004, G-005, & G-006 it calls for 100% stone backfill in paved areas up to concrete cap and in detail C-405-5 and C-412-2 it only calls for stone backfill up to 12" over pipe. On drawing C-002.1 note No. 102 it calls for GAB as bedding & backfill. Can you clarify if stone is to be used for backfill or if native spoils are to be used after you reach 12" above pipe. Can you also clarify which type of stone is to used for bedding & backfill? GAB or No. 57 or a combination?

<u>Answer</u>: In accordance with Note 4 of Detail 5 on C-405, GAB is to be used for backfill under all paved areas. Detail 2 on Sheet C-212 shall also have backfill of GAB under all paved areas.

5. <u>Question</u>: Resilient wedge gate valves have been acceptable to Dekalb County for several years, yet the specification calls out for double disc. Are resilient wedge style gate valves acceptable?

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<u>Answer</u>: Yes, Resilient wedge gate valves are acceptable. Please note that the specification requires bypass valves on large diameter valves.

6. <u>Question</u>: We were not able to find any specifications on the flushing hydrants. Are standard hydrants acceptable?

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Answer: Yes, standard hydrants are acceptable.

7. <u>Question</u>: In the profile at approx. STA 36+50 it has a note to connect new 30" line to existing 30" line. Is this to be done?

Answer:

- a. No. The 30" main is to be bonded the entire length between STA. 36+87 and 40+45.
- 8. <u>Question</u>: Is the entire 30" main to be bonded with (2) cables or is it just at the STA. 36+87 & 40+45 as it shows in detail C-408-1?

<u>Answer</u>: No. The 30" main is to be bonded the entire length between STA. 36+87 and 40+45.

9. <u>Question</u>: Is the 8" waterline to be poly wrapped and/or be bonded with cathodic system? If so, please specify the requirements.

<u>Answer</u>: The 8" water line is to be poly wrapped adjacent to the existing 24" AGL gas main

10. <u>Question</u>: Are Flex Ring valves acceptable for installation in lieu of MJ or Flange?

Answer: Yes, as long as the pipe is fully restrained.

11. <u>Question</u>: On drawing C-002 note No. 11 it calls for the contractor to complete a Level "A" SUE. Is the County's intention for the contractor to complete this? If so can an allowance item be made as this is generally something that is completed by the engineering team to develop the plans?

<u>Answer</u>: Sue Level 'A' is not required, but the size, type, materials and locations of existing underground utilities shown on the plans are based on the best available information. Subsurface utility data shown is approximate only and no guarantee is made that all existing utilities and other features represented on the plans are correct. It is the responsibility of the Contractor to determine the location and size of all existing utilities prior to beginning construction.

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<u>Answer</u>: The 8" water line is to be poly wrapped adjacent to the existing 24" AGL gas main.

13. <u>Question</u>: On drawing C-002.1 note No. 75 it calls for all impacted pavement markings to be replaced with thermoplastic markings. Is this the intent or should the contractor follow local specifications depending on type of roadway?

<u>Answer</u>: All impacted pavement markings to be replaced with thermoplastic markings.

14. <u>Question</u>: Per C-002.1 Note 38: Can the county confirm that for Taps smaller than 20-Inches , The Dekalb County Department of Watershed Management will furnish the tapping machines, provide for welding, and do the actual tapping of the main? Does this include all service line taps from ³/₄", 1" and 2"?

<u>Answer</u>: Delete Note 38 in its entirety. Contractor shall include all required tapping of existing and proposed pipe as part of this contract. Where tapping existing pipe, Contractor shall perform pressure testing of all tapping sleeve and valve installations with DWM staff witnessing the test. Once passing test is achieved, contractor may perform the tap for that installation.

15. <u>Question</u>: Per C-002.1 Note 45 and 103: Can the county revise Note 45 and 103, since it is not practical to hold all payments for waterlines until the line is pressure tested, chlorinated and bacteria tested. This would mean the contractor would not get paid for equipment, labor and backfill materials until the end of the project.

Answer: No. Contractor shall pressure test sections between valves independent of other sections. Once a passing pressure test is achieved, contractor may bill for labor and materials of that section. Where a section of pipe fails a pressure test, Contractor shall discontinue the advance of laying pipe until the issue is resolved and a passing test is accomplished for that section. Test in each section shall include pipe and all appurtenances which falls within that section.

16. <u>Question</u>: Can the County specify where the remaining 30" DIP, 8" DIP, 8" Gate Valves, and 30" Gate Valve in Vaults are located? Takeoff quantities show these quantities are overstated in the bid documents.

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Answer: No, in some places extra quantities are provided for this project.

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17. Question: Can the County specify where the remaining 24"/30" pipe removal is located? Takeoff quantities show this quantity is overstated in the bid documents.

Answer: No, in some places extra quantities are provided for this project.

18. Question: Has the County confirmed the ARV and all parts fit in the 48" MH with room for maintenance, install, or removal/replacement?

Answer: No. ARV Manhole to be 6'-0" I.D.

19. <u>Question</u>: Are the line stops required to remain in place. Is there another valve we can close in lieu of line stop?

<u>Answer</u>: Yes, line stops are required to remain in place. No other valves are in close proximity.

20. <u>Question</u>: What is the required restraint joint lengths off valves/dead ends for 6", 8" and 30" lines?

Answer: See detail 7, on sheet C-405 in the original construction documents. .

21. <u>Question</u>: Is existing 30" line all steel?

Answer: Exact material type for entire line is unknown.

22. <u>Question</u>: Can you clarify what locations steel line is to be removed on drawings?

<u>Answer</u>: Existing line is to be removed and replaced from Sta. 17+68 to Sta. 36+73

23. Question: Are there working restrictions around the school?

<u>Answer</u>: Yes, contractor to coordinate with school to determine hours of construction to not affect their operations.

24. <u>Question</u>: Is the 8" waterline to be poly wrapped and/or be bonded with cathodic system? If so, please specify the requirements.

Answer: 8" to be restrained at all bends and fittings.

25. <u>Question</u>: Please specify locations for restrained joints for pages 201 and 202?

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<u>Answer</u>: Please refer to (Revised August 5, 2021) Exhibit 3 – Drawings C-201 Watermain Replacement Plan and Profile and (Revised August 5, 2021) Exhibit 3 – Drawings C-202 Watermain Replacement Plan and Profile for locations.

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26. <u>Question</u>: If the existing line is all steel can the County confirm the thickness of existing steel pipe at the tie-in locations?

<u>Answer</u>: No. Contractor shall excavate and obtain an O.D. and roundness of the existing pipe.

27. <u>Question</u>: Are the original drawings available for the existing 30" line to confirm the grouting lengths and access locations for grouting procedures? Need the existing 30" line drawings to quantify disconnects and other surface encumbrances.

<u>Answer</u>: Original plans are not available. It is the Contractors responsibility to field verify connections prior to purchasing components reflected in the plans.

28. Question: Is thrust blocking required at the line stop?

<u>Answer</u>: No. Line stop needs to be fully restrained.

29. <u>Question</u>: It appears to per page 179 (PDF) of the DeKalb Co DWM Specs, that flowable fill should be used, in accordance with GDOT spec. Flowable fill does not work well for filling pipes from sizes 8" to 30" due to the number of grout locations and bulkheads required for high density low flow materials. Can we use a low density cellular grout concrete with a cast density of 30 pcf for this item?

<u>Answer</u>: Low density grout with 30 pcf cast density is allowed. Proper venting at high points is required. Contractor shall submit a "Grouting Plan" (including mix design) to DWM for approval prior to performing this work.

30. <u>Question</u>: Are the payment items for Deep Bury intended to be paid for any pipe that is over 5 ft bury depth, or when pipe must be installed deeper due to a conflict, and deviates from the bid document elevations? The payment terms indicate that all pipe to be installed per the plans is to be paid in the standard bury depth item, unless deviating from the plan depth.

Answer: The Deep Bury payment items is intended to be used when pipe must be installed deeper due to conflict and will deviate from the bid documents.

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2.01 DUCTILE IRON WATER DISTRIBUTION PIPE (DIP, 6"-30"), PUSH-ON JOINT

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- A. Measurement for payment of furnishing and installing ductile iron water distribution pipe shall be on a linear foot basis as determined by measurement along the centerline of the pipe in place. Payment shall constitute full compensation for work necessary for installation of ductile iron water distribution pipe, including but not limited to furnishing, transporting, storing, and installing the pipe; thrust blocks or concrete collars; electromagnetic pipe location along the pipeline route; saw cutting asphalt pavement, excavation, removal, and disposal of asphalt or concrete pavements, and excavated material; excavation support system, free boring under driveways or trees, utility support system, dewatering, temporary water service, backfilling, and compaction; concrete cap; cleaning, treating, and testing; site restoration; and other specified work.
- B. Depth of installation is as indicated on the drawing details, or defined in the specifications, or as directed by the County. Excavation is unclassified.

2.02 DUCTILE IRON WATER DISTRIBUTION PIPE (DIP, 6'-30"), PUSH-ON JOINT, ADDITION FOR DEEP BURY, 1-4 FEET DEEPER THAN SHOWN ON THE DRAWINGS

- A. Measurement for payment of Ductile Iron Water Distribution Pipe, Push-On Joint (size) Diameter, Addition for Deep Bury, 1 to 4 feet deeper than shown on the drawings shall be on a per linear foot basis. Payment for installing water main pipe at a lower grade than indicated shall be based upon the actual depth as instructed by the **County**, in accordance with the provisions of the contract documents. Payment for water main installed at depths greater than that shown in the drawings shall be made in addition to the unit prices in this section. Payment shall constitute full compensation for labor, materials, and equipment necessary to install the water distribution pipe at a depth greater than 4 feet.
- B. Depth of installation is as indicated on the drawing details or defined in the specification, or as directed by the **County**. No extra compensation shall be made for depths greater than 4 feet or not shown on the approved drawings without approval from the **County**. Excavation is unclassified.
- 31. <u>Question</u>: Can the County exclude the \$1,200,000 from the LSBE requirements, since we are unable to determine the scope of work of this allowance and this additional money skews the LSBE requirements significantly on this waterline project.

Answer: No. Please refer to the LSBE requirements in the solicitation

32. <u>Question</u>: Can the county add an item for replacement of Granite Curb? The existing pay item only has remove and reset of curb, and there is bound to be broken sections of granite curb that cannot be re-set.

<u>Answer</u>: Yes, County will add line item for replacement of granite curb, however if the contractor breaks the curb during removal the payment for that curb will be assessed under the reset granite header curb line item. Please refer to (Revised August 10, 2021) Attachment B – Bidder's Unit Price Form.

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<u>Answer</u>: The existing pipes are 36" CMP. These pipes are to be replaced with 36" DIP.

34. <u>Question</u>: Item 62 shows Type 1 or Type 3 Rip Rap. The different sizes have different purchase prices and haul prices. Please confirm the size of rip rap required on this project.

Answer: Type 1 rip rap to be installed.

35. <u>Question</u>: Is Item 45 – Speed Hump Repair meant as a temporary fix, and the final would be to remove and replace traffic tables in Item 57? Why is one item called speed hump while the other is called Replace Traffic Tables?

<u>Answer</u>: Please provide pricing for both options. Traffic tables are to be removed and completely replaced for this project.

36. <u>Question</u>: Can Item 61 – 36" Headwall be precast?

<u>Answer</u>: No. This head wall has to be adapted to accommodate two (2) 36" and one (1) 18" storm pipe.

37. <u>Question</u>: Why are some of the hydrants required to have 8" gate valves, while others are shown to have 6" gate valves. (See Sheet 210, Sta. 91+83 – Propose Fire Hydrant w/8" Gate Valve, and Sheet C-211 Sta. 97+50)

Answer:

The 8" gate valve is a typo. All hydrants to have 6" gate valves.

38. <u>Question</u>: Please provide polywrap specifications.

<u>Answer</u>: Please refer to (Revised August 10, 2021) Exhibit 1 – Technical Specification, 02665T Water Transmission Mains and Accessories, 3.04 Laying And Jointing Pipe And Accessories, G Polyethylene Encasement for specifications.

39. <u>Question</u>: Has the county coordinated with the DOT on the State Route 10 (US278) roadway crossing details and possible road closure? Is it possible to close the State Route 10 roadway during day/night operations to install new pipe? What is the detour that will be allowed for this closure?

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40. <u>Question</u>: See Section 01351: Is it the intent for the contractor to handle all correspondence with landowners regarding to public relations and have a full time public relations person independent of the project team?

<u>Answer</u>: DWM has a public outreach team that will handle issues and correspondence with property owners. Contractor is to focus on the project scope and defer any public inquiries through the County Inspector who will engage the Public Outreach Team as needed.

41. <u>Question</u>: The new 30" water main replaces an existing water main along the north portion of the route. Are there any time constraints, durations or sequencing the contractor has to follow to take the existing main out of service and put the new 30" main in service?

<u>Answer</u>: This portion of the project is to be completed first. The pipe is a vital route to feed the center of the County with potable water. Contractor is to schedule work to minimize downtime of this pipe prior to the new alignment being placed into service.

42. <u>Question</u>: Section 2.08 Gate Valves, part B (see below) specifically calls for AWWA C500 gate valves or double disc metal seated gate valves instead of AWWA C515 Resilient Wedge Gate Valves. I'm assuming that this is from an old project spec as it does not align itself with Dekalb DWM's current specifications for gate valves.

With regard to the 30 inch gate valves for this project, will it be acceptable to quote AFC's Resilient Wedge Gate Valves which meet AWWA's C515 Standard for Reduced-Wall, Resilient Seated Gate Valves for Water Supply Service?

B. Twenty-four (24) Inches in Diameter and Larger:

a. Valves shall be double disc type conforming to the requirements of AWWA C500.

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bypass valves, and bevel gear type operator. Valves shall be rated for one-hundred and fifty (150) psi working pressure.

- valve ends shall be mechanical joint type except where restrained joint ends are shown. Flanged joints shall meet the requirements of ANSI B16.1, Class 125.
- d. Buried valves shall be equipped with valve boxes unless access to the operator is provided by a manhole.
- e. Manually operated valves, including geared valves, shall be non-rising stem type having O-ring seals.
- f. Gate valves twenty-four (24) inches in diameter and larger shall be manufactured by American R/D Gate Valve Company, Mueller, M & H Valve, or approved equal.

<u>Answer</u>: Yes, Resilient wedge gate valves are acceptable. Please note that the specification requires bypass valves on large diameter valves.

43. <u>Question</u>: Since the County has extended the bid day another month. To be more inclusive of all potential bidders can the County offer a 2nd Mandatory Pre-bid meeting/LSBE. It would allow bidders not previously interested to offer the County more competitive bids.

Answer: No. The County will not offer a second Mandatory Pre-bid meeting.

44. <u>Question</u>: What are the provisions for Differing Site Conditions?

Answer: There are no provisions for differing site conditions.

45. <u>Question</u>: What are the provisions for Undisclosed Hazardous Environmental Conditions Discovered on Site?

Answer: These will be addressed under owner directed allowances.

46. <u>Question</u>: GR 10. C. and E. are conflicting as to the start of the guaranty period. Does the guaranty period start at Substantial Completion, or Final Completion?

<u>Answer</u>: Water line warranty to begin at substantial completion, all other items start at Final Completion.

47. Question: Why are there references to "work orders" in the Sample Contract?

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<u>Answer</u>: There are no work orders required. Confirmation of work being completed will be done by an assigned Construction Manager and Inspectors by DWM as work progresses. Please refer to (Revised August 10, 2021) Attachment Q – Sample Standard Construction for Construction

48. <u>Question</u>: The specification requires us to hydro test the fabricated pipe and fittings. What fittings this includes is not clear. We fabricate our fittings from previously hydro tested pipe and all welds after the fact would be tested in accordance with AWWA C200.

Answer: All new water line pipes and fittings shall be hydro tested.

49. <u>Question</u>: The specification states the use butt welds to join the pipes together or harnessed sleeve coupling or flanges. Can we assume lap welds are allowed so mitters can be used on steel pipe? This would eliminate a the large amount of elbows.

Answer: No. The proposed new 30" water main is DIP.

50. <u>Question</u>: The gate valve detail shows a Victaulic Style 44 coupling alongside the valve. A Style 44 coupling is good for a pressure of 175 psi, not the 250 psi required.

<u>Answer</u>: See response to question 52.

51. <u>Question</u>: Would a substitution a harnessed sleeve coupling to replace the style 44 be allowed?

Answer: A harnessed sleeve coupling is an acceptable replacement.

52. <u>Question</u>: With the deadline for submission being extended to July 9th, 2021 at 3:00 P.M., would it be possible for the County to hold an additional Pre-Bid Conference and DeKalb First LSBE Meeting to give others an opportunity to submit a bid?

<u>Answer</u>: No. The County will not offer a second Mandatory Pre-bid meeting. No the County will not add additional DeKalb First LSBE Meeting dates as a to this solicitation.

53. <u>Question</u>: Specification section 02665T part 2.01 calls for pressure class 200 pipe, however, part 2.02 calls for a 30" steel pipe wall thickness of .375" when

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the steel pipe wall of class 200 is .188 wall. We respectfully request to use .188 wall thickness for steel pipe.

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Answer: New 30" water main is class 250 DIP. Steel pipe is not allowed.

54. <u>Question</u>: Same spec section letter P, calls for fusion bonded epoxy, which is not prevalent. We request the coating to be either AWWA C-214 for Tape coating or C-222 for Polyethylene.

<u>Answer</u>: Tape Coating or Polyethylene coating is acceptable as long as it meets the requirements of Exhibit 1 - Technical Specification, Section 02665T, Part 2 - Products, 2.01 Ductile Iron Pipe, P. Pipe Coating, 1. Epoxy, d. Polyethylene Tape.

- 55. <u>Question</u>: We are a subcontractor looking at these bid docs, specifically regarding the grouting of the existing water main to be abandoned. Pay item # 42, which states 5,900 cy.
 - a. Can you double check this quantity?
 - b. I've done a take off from the plans and I calculate a significantly smaller quantity. Maybe I'm missing something? If the 5,900 cy is in the ballpark, can you provide some more detail about the lineal feet of main along with diameters?

<u>Answer</u>: Yes. The bid form has been amended. Please refer to (Revised August 10, 2021) Attachment B – Bidder's Unit Price Form.

56. <u>Question</u>: I am wondering if the MANDATORY Pre-bid meeting is still a requirement to be able to bid this job, since it has been pushed to a July 9 bid date. Is there another Pre-bid meeting that will be held between now and the July 9, bid date, to accommodate anyone that did not attend the original?

<u>Answer</u>: Yes the Mandatory Pre-bid meeting is still a requirement to be able to bid this job. No. The County will not offer a second Mandatory Pre-bid meeting.

57. <u>Question</u>: 30" Gate Valves – The specifications list several outdated items that are not standard on normally supplied valves and do not match the valve callout on the plans. Please clarify the requirements for the 30" gate valves. Per our suppliers there is a \$50,000 difference in the valves per plan or specs.

Answer: Please refer to Question and Answer No. 42.

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58. <u>Question</u>: Bid item 9 – 30" Water Main – 9,900lf and Bid Item 36 – 30" Restrained Joint – 3,500 lf: Per the Measurement & Payment specification both items include complete pipe installation. These total 13,400lf of 30" pipe complete in place for the bid, but the plan stationing shows the pipeline to only be approx. 8,965lf in length. Can the bid quantity be revised to better reflect actual quantities for contract value?

<u>Answer</u>: The bid form has been amended. Please refer to (Revised August 10, 2021) Attachment B – Bidder's Unit Price Form.

59. <u>Question</u>: Bid Item 35 – Service Line Replacement Long/Short Side – 2" – Please clarify size of service, we could not find any 2" services called out, but there are 1" services called out.

Answer: 2" service located near station 38+53

60. <u>Question</u>: Bid Item 39 − Tie-rods (6 per joint @ 20 ft) − 1,024 each: Please clarify what this item is. The Measurement and Payment spec doesn't address it and the only plan detail shows a tie-back into a cast in place concrete block for restraint purposes. If this is meant at 1,024 pipe joints, there will only be approx. 460 pipe joints for the length depicted on the plans.

<u>Answer</u>: The bid form has been amended. Tie-rods to be included in the cost of the restrained joint pipe. Line Item 39 was removed. Please refer to (Revised August 10, 2021) Attachment B – Bidder's Unit Price Form

61. <u>Question</u>: Bid Item 42 – Abandon Existing Water Main in Place fill with grout – 5,900 cy: Our subcontractor, confirmed by us, has a quantity of less than 2,000 cy. Can the bid quantity be revised to better reflect actual quantities for contract value?

<u>Answer</u>: The bid form has been amended to reflect correct amount. Please refer to (Revised August 10, 2021) Attachment B - Bidder's Unit Price Form

62. <u>Question</u>: Bit Item 43 – Concrete Driveway Replacement: Does this item cover concrete sidewalk replacement area? If not, where should concrete sidewalk replacement be included?

<u>Answer</u>: Yes, concrete sidewalk replacement to be included in the cost for concrete driveway replacement.

63. <u>Question</u>: Bid Item 56 – Reset Granite Header Curb – 7,300 lf: The plan notes call out "Remove and Reset granite curb where affected by water line

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installation". The water line installation is typically along one side of the street, where the curb on that side would be reset. Is the intent not to reset the curb on the opposite side of the street?

<u>Answer</u>: No. If the existing curb is affected by the water main installation, it will be reset and paid for utilizing this line item.

64. <u>Question</u>: Plan Detail 2-C-409 Air Release Valve – Please clarify what the Inflow Preventer is. GA Industries Valves is not aware of this item.

<u>Answer</u>: ARV Shown is a Val-Matic Air Release Valve. The Inflow Preventer is a device that allows normal air flow in and out of the water system but prevents the inflow of contaminated water into the system should the valve vault flood. Contractor may propose an approved equal ARV for this project.

65. <u>Question</u>: Plan Detail 2-C-412 Pavement Replacement – Calls out Mill & Overlay ½ road or per Note 74 on Sheet C-002.1. Note 74 says Mill & Repave both lanes. Please clarify. This also affects the granite curb not reset on the opposite side of water main installation.

<u>Answer</u>: Note 74 on sheet C-002.1 is correct. Mill and Repave both lanes. This is also shown on the plans.

- 66. <u>Question</u>: As a follow-up to the questions provided on 6/9/21, we have asked the supplier to answer the question regarding the ARV fitting in the 48" Manhole. Please see response below, so the County can provide direction on this issue.
 - I just spoke with the manufacturer of the ARV assembly. The 12" arv is 24" wide and the floodsafe device is 20" wide. Given those dimensions I think it will be an extremely tight fit in a 48" diameter manhole or it likely will not fit at all.

Answer: ARV Manhole to be 6'-0" I.D

67. <u>Question</u>: Note 95 on Sheet C-002.1 says that mobilization can be max 3%, while the Specifications (Sheet 52, Section 01310-7) indicates the maximum mobilization amount is 4% of the total bid. Please clarify if the mobilization is max 3% or max 4% of the total bid.

Answer: Max mobilization amount is 4% per specification.

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E. All other conditions remain in full force and effect.

Willie Moon Procurement Agent, Senior Department of Purchasing and Contracting



ACKNOWLEDGMENT

Date: _____

The above Addendum No. 5 is hereby acknowledged:

(NAME OF BIDDER)

(Signature)

(Title)