



Procurement Department Bid Office  
Customer Center 1<sup>st</sup> Floor, Room 002  
21 W. Church Street  
Jacksonville, Florida 32202

June 14, 2019

ADDENDUM NUMBER: Two (2)

TITLE: Walnut Street Gravity Sewer Replacement

JEA IFB NUMBER: 096-19

BID DUE DATE: ~~June 11, 2019~~ June 18, 2019

TIME OF RECEIPT: 12:00 Noon

TIME OF OPENING: 2:00 PM

**THIS ADDENDUM IS FOR THE PURPOSE OF MAKING THE FOLLOWING CHANGES OR CLARIFICATIONS:**

1. JEA is providing the additional documents listed below:

- 096-19 Addendum 2 Appendix A - DWG C-12
- 096-19 Addendum 2 Appendix B - Workbook

2. JEA is responding to the following questions:

**Question:** Installation note 15 on plan sheet 1 indicates sheet piling will be required on all excavations deeper than 16 feet. Will the contractor be allowed to use other OSHA approved shoring methods for excavations deeper than 16 feet?

**Answer:** Installation note 15 is a JEA standard note/requirement. Shoring methods for excavation deeper than 16 feet that are deviant to JEA standards will require JEA's input and approval prior to construction.

**Question:** Are polymer concrete manholes required for the ARV manholes?

**Answer:** No.

**Question:** Please double check the quantity for pay item 22. The plans appear to indicate 3 manhole removals on sheet 13.

**Answer:** Workbook is updated to reflect 3 EA of the pay item "Remove Existing Sanitary Sewer Manhole."

**Acknowledge receipt of this Addendum on the Proposal Form (Appendix B)**

**Question:** Please double check the quantities for pay items 26 and 27. We were unable to locate any 18" RCP called for on the drawings.

**Answer:** Workbook is updated to reflect 297 LF of the pay item "15" RCP Storm Sewer - (COJ - Remove Existing Pipe and Replace)." Pay item number 26 for the "18" RCP Storm Sewer - (COJ - Remove Existing Pipe and Replace) is deleted.

**Question:** Please double check the quantities for pay items 40 and 65.

**Answer:** The quantity for pay item number 46 for the "10" x 6" Tee-DI, MJ" will remain at 6 EA. The 10" x 6" tees used to connect the water main to the proposed fire hydrants shall be incorporated into pay item 68. Pay item number 68 is renamed as "Fire Hydrant Assembly and 10" x 6" tee." The quantity for pay item number 65 will remain at 11 EA. On sheet C-9, a 6-inch gate valve is added to the design at Water Main: STA 4+21 at the 10" x 6" tee.

**Question:** Please double check the quantity for pay item 72. Mill and Overlay only appears to be called for on sheet 13.

**Answer:** Workbook is updated to reflect 960 SY of the pay item "COJ – Mill and Overlay." The road will be milled and overlaid on East 27th Street and on North Liberty Street (under MLK, Jr. Parkway) between STA 22+54 and 23+59 on sheet C-5.

**Question:** The plans indicate that the entire width of Liberty Street and the entire width of East 21st Street are to be removed and reconstructed. Bid item 73, Remove Pavement with Concrete Base has a quantity of 11,150 SY. The reconstruction pay items, 87, 88, and 89 each have a quantity of 9,300 SY. Please clarify the apparent discrepancy between the removal quantity and the reconstruction quantity.

**Answer:** Workbook is updated to reflect 11,370 SY for the pay item "Remove Pavement with Concrete Base." Workbook is updated to reflect 11,370 SY for the pay item "COJ 8" Lime rock Base." Workbook is updated to reflect 11,370 SY for the pay item "COJ 2" Lime rock Base."

**Question:** Typically, the pay item quantity for 12" Stabilized sub-base is larger than the quantities for the base and pavement pay items. This is because the City of Jacksonville typically requires stabilized sub-base to extend 6" beyond the back of curb when curb and gutter is called for on the plans. Please double check the quantity for pay item 87.

**Answer:** Refer to Detail "G" on Drawing CD-10 – Addendum #1. Workbook is updated to reflect 11,750 SY for the pay item "COJ 12" Road Sub-Base."

**Question:** Please double check the quantities for pay items 82 and 83. The plans indicate curb is to be removed on both sides of the street. The quantities called out on the plans do not appear to include the curb on both sides of the road.

**Answer:** Workbook is updated to reflect 5,895 LF of the pay item "Remove Curb/Gutter as per COJ Standards" and 5,895 LF of the pay item "Replace Curb/Gutter as per COJ Standards". Please refer to the sheets released as part of Addendum #1.

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**Question:** Please double check the quantity for pay item 86. In most cases, the plans indicate the ADA Access ramps are to be protected, not replaced.

**Answer:** Quantity is an estimate in case additional ADA ramp replacement from unavoidable construction occurs.

**Question:** Can the sediment removed from the 60" Gravity Sewer be disposed of at the Buckman Waste Water Treatment Facility in lieu of Landfill disposal?

**Answer:** No.

**Question:** Is the Sewage Removal and Disposal Allowance, pay item 92, to be used to pay for the Landfill Disposal Fees associated with pay item 79, Sediment Removal and Landfill Disposal – 60" Gravity Sewer?

**Answer:** Pay item number 92 refers to any sewage removal and disposal necessary to construct the tie-in of the new 20-inch force main. Pay item number 79 refers to the sediment removal and landfill disposal from the existing 60-inch gravity sewer.

**Question:** Does JEA anticipate deposit cutting will be required for the 60" RCP Sediment removal?

**Answer:** No, solid deposits secure on pipe bottom can remain.

**Question:** During the pre-bid conference, it was mentioned that JEA will be paying for testing directly. Please confirm the contractor is to include no costs for density tests and/or other geotechnical testing in the bid.

**Answer:** Confirmed. JEA will provide testing during construction.

**Question:** The plan sheets indicate the existing water main is to be abandoned per section 407.II and further specify that removal will be performed as necessary. Technical Specification 907 indicates water and sewer utilities to be abandoned under roadways shall be capped and grout filled for the length of pipe under pavement. No specific method of abandonment is indicated for the pipe to be abandoned that is not under the roadway. Please clarify the method of abandonment required for the remaining pipe.

**Answer:** See JEA Standards section 407.II and 407.III for allowable options and contractor documentation. For 12-inch and smaller pressure mains not under roadway, JEA allows sealing ends, grout filing, removal, or crushed in place. Existing water main to be abandoned that is not under the roadway that is undisturbed during construction shall be sealed at both ends. Existing water main to be abandoned that is not under the roadway that is disturbed during construction shall be removed.

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**Question:** Please confirm pay item 90 is to be used to compensate the contractor for water main pipe removal and disposal.

**Question:** Please provide a pay item for water main abandonment by grout filling.

**Question:** Please provide a pay item for other water main abandonment methods if necessary.

**Answer:** Please use pay item 90 for water main abandonment. Pay item 90 has been renamed “Water Main Pipe Removal and Disposal or Abandonment” for clarification.

**Question:** Will tree trimming be allowed?

**Answer:** Not without prior COJ approval of city tree ordinance requirements.

**Question:** Please refer to drawing G-5, and sheets WST-1 and WST-2 for the following: It appears that gravity sewer flows at MH 9 may have to be bypassed in order to clean the existing 60” RCP sewer pipe between MH 8 and MH 9, to install the Solid Pipe Bulkhead at MH 9, and to grout fill that pipe run. The bid documents do not indicate where the next downstream manhole is located. Access to the Swisher International property is restricted. How is this manhole to be bypassed if it is necessary?

**Answer:** Cleaning and grout filling of 60-inch pipe from MH-9 upstream will be after all flows are diverted to the new 36-inch gravity sewer. Diversion of flow on the 72-inch trunk sewer is not anticipated.

**Question:** Please provide flow estimates for MH 9.

**Answer:** The approximate average annual daily flow in MH9 located at the intersection of Walnut and East 16th Street is 6,105 kGPD.

**Question:** The typical section on plan sheet 37 call for 2” of SP 9.5 in two 1” lifts. Pay item #89 says 2” SP 12.5 which cannot be placed less than 1.5” thick. Please clarify which Asphalt mix to use.

**Answer:** Please use asphalt mix SP-9.5. Pay item number 89 is renamed as “COJ 2” SP-9.5 Pavement and Striping.”

**Question:** JEA requires all pipe within a casing pipe to be restrained. Bell Restraints are typically used as restraints; but, they are also used to ensure pipe is not over-homed when it is being pushed through a casing pipe. Bell Restraints are typically used on pressure pipe. Our vendors have indicated that Bell Restraints are not made for the DR26 gravity sewer pipe. It has been suggested that DR25 pipe could be used in lieu of DR26 in the Casing. DR25 PVC pipe could be potentially used between MH 10 and MH 11 to avoid Transition Couplings. Please provide direction.

**Answer:** Contractor to install DR25 pipe between MH10 and MH11 instead of the DR26 as indicated on drawings C-5 & C-6.

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**Question:** Please clarify the length of the construction warranty. Section 2.6.1 WARRANTY (CONSTRUCTION) in the Solicitation states “the Company unconditionally warrants to JEA for a period of not less than one (2) years”.

**Answer:** Construction Warranty is two (2) years

**Question:** Do not see any Bell Restraints for pressure pipe do you want them included in the pipe itself or do you want to add bid items

**Answer:** All costs for furnishing and installing the 20-inch pipe bell restraints per JEA W/WW Standards shall be included in the cost of installing the 20-inch force main.

### **CHANGES TO THE TECHNICAL SPECIFICATIONS**

Delete Technical Specification **926 Water Service Replacement** in Appendix A. Contractor shall comply with JEA W/WW Standards on water service renewal/replacement. All costs shall be paid per the unit price indicated in JEA Measurement and Payment section(s) 801.XIII.9 and as indicated on the revised workbook as issued by Addendum 2.

### **CHANGES TO THE DRAWINGS**

#### **Sheets C-5 & C-6**

Change pipe type between MH10 & MH11 from DR26 to DR25.

#### **Sheet C-9: WATER MAIN: STA 4+00 TO 9+00**

Add 6-inch gate valve to the design at Water Main: STA 4+21 at the 10” x 6” tee on the 6-inch branch side.

#### **Sheet C-12: WATER MAIN: STA 17+00 TO 21+00**

The limits of COJ road reconstruction and restriping hatch shall extend to under MLK Parkway along the jack and bore on the western side of the East 21st Street. Sheet retitled to “WATER MAIN: STA 17+00 TO 21+00”