



**1112 Manatee Ave. West  
Bradenton, FL 34205**  
[purchasing@mymanatee.org](mailto:purchasing@mymanatee.org)

#### Solicitation Addendum

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|                      |   |
|----------------------|---|
| Addendum No.:        | 1   |
| Solicitation No.:    | 19-TA003165BB                                     |
| Solicitation Title:  | Water Main Upgrades - Willow Woods & Lake Estates |
| Addendum Date:       | December 3, 2019                                  |
| Procurement Contact: | Brooke Baker                                      |

**19-TA003165BB is amended as set forth herein. Responses to questions posed by prospective bidders are provided below. This addendum is hereby incorporated in and made a part of IFBC No. 19-TA003165BB.**

#### **CHANGE TO:**

##### **Date, Time and Place Due:**

The Due Date and Time for submission of Bids in response to this IFBC is December 12, 2019 at 3:00 P.M. ET. Bids must be delivered to the following location: Manatee County Administration Building, 1112 Manatee Ave. W., Suite 803, Bradenton, FL 34205 prior to the Due Date and Time.

#### **CHANGE TO:**

##### **Section A, Information for Bidders, Paragraph A.01, Bid Due Date:**

The Due Date and Time for submission of Bids in response to this Invitation for Bid (IFBC) is December 12, 2019 at 3:00 P.M. ET. Bids must be delivered to the following location: Manatee County Administration Building, 1112 Manatee Ave. W., Suite 803, Bradenton, FL 34205 and time stamped by a Procurement representative prior to the Due Date and Time.

#### **CHANGES TO:**

##### **Section A, Information for Bidders, Paragraph A.51, Solicitation Schedule:**

The following schedule has been established for this Solicitation process. Refer to the County's website ([www.mymanatee.org](http://www.mymanatee.org) > Business > Bids & Proposals) for meeting locations and updated information pertaining to any revisions to this schedule.

| Scheduled Item   | Scheduled Date           |
|--|--------------------------|
| No Information Conference is scheduled for this solicitation |                          |
| Question and Clarification Deadline                          | November 25, 2019        |
| Final Addendum Posted  | <u>December 3, 2019</u>  |
| Bid Response Due Date and Time                               | <u>December 12, 2019</u> |
| Due Diligence Review Completed                               | <u>December 19, 2019</u> |
| Projected Award  | <u>January 2020</u>      |

NOTE: Any statements contained in the Scope of Work, Bid Summary, Construction Agreement, General Conditions of the Construction Agreement and/or Exhibits which vary from the information in Section A, Information for Bidders, shall have precedence over the Information for Bidders.

**CHANGES TO:**

**Bid Attachment 2, Technical Specifications, Section 01150, Paragraph 1.07, Bid Item No. 11**

BID ITEM NO. 11: REMOVE EXISTING ITEMS

Measurement shall be per each existing item removed.

Payment will be according to the item and description removed as listed on the Bid Form.

The unit bid price shall include, but is not limited to, removal and proper disposal of all items and ancillary items, as noted to be removed on the plans, all labor, materials and equipment required to complete these bid items ready for approval and acceptance by the County.

**REPLACE:**

Appendix J, Bid Pricing Form with the Revised Appendix J, Bid Pricing Form issued with this Addendum No. 1.

**REPLACE:**

Bid Attachment 3, Plan Set & Drawings, Sheet 14 with the Revised Bid Attachment 3, Plan Set & Drawings, Sheet 14 issued with this Addendum No. 1.

**QUESTIONS AND RESPONSES:**

- Q1. Bid Attachment 3, Plan Set & Drawings, Sheets 4 through 16: At some water service locations there is a note to install a new meter box, but there is no bid item for this scope of work. It appears that there are approximately thirty new meter boxes required. Could a bid item be added for these?**
- R1.** Please see Sheets 4 through 16, Note 3, it states "Meter Boxes shall be supplied by the County." The awarded Contractor shall coordinate with the County to receive the new meter boxes prior to needing the boxes for installation.
- Q2. Bid Attachment 3, Plan Set & Drawings, Sheet 6: Contains a note to install a new meter box at Sta. 116+33+, yet there is no new service shown to be installed in this location. Can you clarify?**
- R2.** Please disregard the call-out; it was inadvertently left in the plans.

- Q3. Bid Attachment 3, Plan Set & Drawings, Sheet 6: Sta. 117+57+ on 22<sup>nd</sup> Ave W shows an existing fire hydrant to be removed. Under which bid item is this to be paid?**
- R3. Bid Item No. 11.02 has been added for the removal of the fire hydrant. See the revised Bid Pricing Form issued with this Addendum No. 1.
- Q4. Bid Attachment 3, Plan Set & Drawings, Sheet 6: Just above the block of general notes there is a note to relocate two new meter boxes to R/W. Are the existing meter boxes at this location located at the location of the arrow?**
- R4. Please disregard the call-out; it was inadvertently left in the plans.
- Q5. Bid Attachment 3, Plan Set & Drawings, Sheet 15: Sta. 704+50 through Sta. 704+88 are shown to be Restrained MJ pipe; however, this is actually existing 4" AC pipe. What manner of restraint is proposed for AC pipe?**
- R5. Concrete thrust blocks may be substituted for restrained mechanical joints for the AC pipe.
- Q6. Bid Attachment 3, Plan Set & Drawings, Sheets 8, 12, 15, 16: The quantity for Bid Item No. 22 is five, but there appears to be only four called out in the plans, one each on Sheets 8, 12, 15, and 16, is there a fifth?**
- R6. Bid Item No. 22 has been removed. The installation of the specific item called out in the plans is the "Connection to the Existing Main." For example, on Sheet 8, ~128+50, connection to the existing main shall be paid for by 8" Tee. See the revised Bid Pricing Form issued with this Addendum No. 1.
- Q7. Bid Attachment 3, Plan Set & Drawings, Sheets 6,7: The quantity for Bid Item No. 11.01 is one but the plans call out two, one on Sheet 6 (Sta. 117+00) and one on Sheet 7 (Sta. 121+15+), is one of these to be paid for under another bid item?**
- R7. The quantity for Bid Item No. 11.01 has been revised. See the revised Bid Pricing Form issued with this Addendum No. 1.
- Q8. Bid Attachment 3, Plan Set & Drawings, Sheets 8,16: The quantity for Bid Item No. 18.04 is three but the plans call out five, two on Sheet 8 and three on Sheet 16, are two of these valves to be included in another bid item?**
- R8. The quantity for Bid Item No. 18.04 has been revised. See the revised Bid Pricing Form issued with this Addendum No. 1.
- Q9. Bid Attachment 3, Plan Set & Drawings, Sheet 3: There is no detail provided for the 4" cap installation on the south end of the 4" water main on 45<sup>th</sup> Ct W. Are there anticipated restoration quantities for this area (curb, asphalt overlay, etc.)?**
- R9. The 4" main shall be capped as close as possible behind the sidewalk in the grassy area. Once the hole is filled and compacted, the only restoration should be sod.
- Q10. What pipe material is the 8" water main running parallel to 43<sup>rd</sup> St W?**
- R10. The 8" main is anticipated to be asbestos-cement but is unknown. Per Bid Attachment 3, Plan Set & Drawings, Sheet 2, Note 29, the Contractor shall verify. All connection shall be by cut in tee.

- Q11. What is the engineer's estimated opinion of cost?**  
R11. The engineer's estimated opinion of cost is \$1,305,078.00
- Q12. Bid Attachment 2, Technical Specifications: Will the Contractor be responsible for restoration of irrigation and landscaping improvements installed in the right-of-way?**  
R12. Please see Bid Attachment 2, Technical Specifications, Section 01150, Paragraph 1.07, Unit Price Item for the restoration of irrigation. Landscaping restoration shall follow Division 1, Section 01005, 1.08 Adjacent Structures and Landscaping and Section 02260, 1.02 Protection.
- Q13. Does the Contractor have the option of installing segments of the water main via directional bore? If yes, is fusible PVC an accepted material?**  
R13. No fusible PVC is allowed. Yes, if HDPE DR-11 is used, but only to prevent damage to decorative driveways and at no additional cost to the County. The bored pipe shall be installed and laid flat as to avoid additional high spots in the system. Additional ARVs shall not be allowed.
- Q14. 4315 22<sup>nd</sup> Ave W has tile installed on the concrete driveway. Is the Contractor responsible for replacing tile on the new proposed concrete? This tile would be impossible to match, and just as impossible to remove and replace. Would the County consider directional bore or jack and bore in this area to avoid driveway replacement?**  
R14. Please see the response to question 13.
- Q15. Bid Attachment 3, Plan Set & Drawings, Sheet 9: Sta. 204+05± (2208 50th St W) depicts the 6" water main being installed with approximately 3.5' of cover (4'+ cut) with the note to "protect decorative sidewalk". Obviously, the intent is to undermine the walk in lieu of removal, will the Contractor be free of warranty obligation for settlement due to undermining this walk, or will flowable fill be necessary?**  
R15. No, the contractor is not free from warranty obligation. The contractor shall take all measures to protect and ensure the integrity of the decorative sidewalk. Please see the response to question 13 if HDD is a viable choice.
- Q16. Bid Attachment 3, Plan Set & Drawings, Sheet 2, Notes 4,5: The plan profile uses a typical note for water main depth "3' min. cover, 6' max". Is the plan intent to install the water main to profile, or will the contractor have the ability to vary depth of cover within the confines of the plan note?**  
R16. The intent is to install per the profile depths. However, as this is a residential neighborhood and will have plenty of sewer service laterals, Notes 4 and 5 instruct the Contractor to determine the optimal depth to avoid conflicts. These notes were provided to ensure a "level" main is installed to avoid ARVs. Deviation of the main shall be discussed with the County prior to installation.
- Q17. Bid Attachment 3, Plan Set & Drawings, Sheet 11: Sta. 301+92± shows the typical note for water main depth "3' min. cover, 6' max" on a section of profile which depicts the water main with less than 3' of cover as proposed. There are quite a few other areas of profile. Please clarify if the profile will govern installation or the general notes.**  
R17. On Sheet 11 and in most cases the profile and required pipe vertical separations will govern. In practice, 3-foot of cover is required unless an existing conflict must be avoided. In those cases, the mains may be shallower than 3 foot, but must be protected

in some manner, i.e. the main is under asphalt, concrete and/or will be ductile iron pipe. This is all balanced with the goal to also minimize air entrapment and the need for ARVs.

**Q18. Bid Attachment 3, Plan Set & Drawings, Sheet 2, Note 31: Temporary shutdowns may be restricted to certain times. Will night work be required for any of the work?**

R18. Nighttime work would be determined by the Contractor's means and methods to construct the new water pipe and put it in service, and how many properties would be impacted.

**Q19. Bid Attachment 3, Plan Set & Drawings, Sheet 2, Note 33: Backflows and vacuum breakers are to be installed by a licensed plumber. Please confirm whether or not a licensed underground utility contractor will be acceptable so that we can perform this work ourselves.**

R19. Please see Bid Attachment 2, Technical Specifications, Section 01150, Paragraph 1.07, Bid Item No. 9 and 9A that states "A licensed plumbing contractor registered with Manatee County shall performed all work on private property..." If you are registered with Manatee County as a licensed plumber, then you can perform the work.

**Q20. Bid Attachment 3, Plan Set & Drawings, Sheets 4 through 16, Note 3: Notes state that some meter boxes will be relocated, and some will be new. Please confirm that new meter boxes will be provided by the County at no cost.**

R20. The meter boxes will be provided by the County at no cost to the awarded Contractor. Please reference Sheets 4 through 16, Note 3, it states that meter boxes shall be supplied by the County.

**Q21. Notes state that the existing pipe may be asbestos pipe which can only be removed by a certified Contractor for asbestos pipe. Will this be required for the places that we need to cut and cap for grouting or will it not be required since we are grouting pipe?**

R21. Please see Bid Attachment 2, Technical Specifications, Section 02064, Paragraph 3.03 for the execution of removal and abandonment of asbestos cement pipe.

**Q22. For the cut-in tee connections, will the line be able to be isolated or will a linestop be required?**

R22. All temporary shutdowns must be approved and coordinated with Manatee County Utility Operations. All cut-in locations on the plan can be isolated by existing valves on the system.

**Q23. Does the pay item for cut in connections include the gate valves or will this be paid for under a separate item?**

R23. Please see Bid Attachment 2, Technical Specifications, Section 01150, Paragraph 1.07, Bid Items No. 16 and 23 that discusses the items included with each Bid Item. Bid Item No. 23 specifically states: "Tapping valve shall be paid separately."

**Q24. The Contractor does not see silt fence called out in plans. Is the intention to have it run the length of the ROW where pipe is being installed?**

R24. Please see Bid Attachment 2, Technical Specifications, Section 01150, Paragraph 1.07, Bid Item No. 24 that states "...installing and maintaining erosion and sediment control facilities as required by County and State regulations and as shown on the Contract Drawings or as directed by the Project Representative..." Silt fence will be directed to be installed to comply with the County and State regulations.

- Q25. Bid Attachment 1, Insurance and Bond Requirements, Builder's Risk Insurance: It states that builder's risk is required for this project. Since we are not building any structures or constructing any new roadways can this requirement be waived?**  
R25. No, this insurance requirement cannot be waived.
- Q26. Bid Attachment 2, Technical Specifications, Section 01030, Paragraph 1.13: It states the warranty must be for three years. Typically, it is only a one-year warranty for similar work. Please confirm this project requires a three-year warranty.**  
R26. Per Bid Attachment 2, Technical Specifications, Section 01030, Paragraph 1.13, this project does require a three-year warranty.
- Q27. Bid Attachment 2, Technical Specifications, Section 01150, Paragraph 1.07, Bid Item No. 12: It states that there is no additional compensation for rock removal or bedding. As this would be an unforeseen condition Contractor believes any unsuitable material excavation should be handled as a unit price change order. Please confirm which method will be used.**  
R27. The pipe shall be installed per the applicable details included in Bid Attachment 3, Plan Set & Drawings. For example, UG-11 on Sheet 17 states the depth below the pipe is "typically 4" to 6"". Any additional excavation required due to unsuitable conditions would be additional.
- Q28. Bid Attachment 2, Technical Specifications, Section 01150, Paragraph 1.07, Bid Item No. 14: For any services short over 10' and 30', please confirm that this is only payment for additional 1" poly and that the remainder of the service (tap at the line and meter) is still paid for under the service items.**  
R28. Correct.
- Q29. Does the pay item for pipe joint restraints include payment for restraining the existing line or is this paid for under a separate item?**  
R29. Payment shall be made per Bid Item No. 17 on Appendix J, Bid Pricing Form, which does not differentiate between existing or new pipe.
- Q30. Bid Attachment 2, Technical Specifications, Section 02221, Paragraph 1.02 B 9: It mentions that water levels shall be measured in observation wells located as directed by the County. Is the contractor responsible for this cost?**  
R30. Per Bid Attachment 2, Technical Specifications, Section 02221, Paragraph 1.02 B 2, the Contractor is responsible for this. The Contractor shall remove promptly all water entering excavation and keep excavation dry. At all times, groundwater levels shall be maintained at an elevation 18 inches below the lowest level where structures are being installed.
- Q31. Is there a geotechnical report for this project? Is it to be assumed that the native soil is acceptable for backfill and pipe bedding?**  
R31. There is no geotechnical report available for this project and the existing soils are unknown.
- Q32. Section D, Sample Construction Agreement, General Conditions: It states that the Superintendent of the contract must be "... in attendance at project site during**

**performance of the work...” Does the acting foreman on the project satisfy this requirement?**

R32. No

**Q33. Is the awarded Contractor able to have multiple crews working on the project at the same time?**

R33. Yes, provided all County standards are followed. For example, Bid Attachment 2, Technical Specifications, Section 01570 Traffic Regulation.

NOTE: Items that are ~~struck through~~ are deleted. Items that are underlined have been added or changed. All other terms and conditions remain as stated in the IFBC.

#### **END OF ADDENDUM**

#### **INSTRUCTIONS:**

Receipt of this addendum must be acknowledged as instructed in the solicitation document. Failure to acknowledge receipt of this Addendum may result in the response being deemed non-responsive.

AUTHORIZED FOR RELEASE

**APPENDIX J, BID PRICING FORM**

IFBC NO. 19-TA003165BB

WATER MAIN UPGRADES – WILLOW WOODS &amp; LAKE ESTATES

BID 'A' BASED ON A COMPLETION TIME OF 270 CALENDAR DAYS

| ITEM NO. | DESCRIPTION  | U/M | EST QTY | UNIT PRICE | EXTENDED PRICE |
|----------|--|-----|---------|------------|----------------|
| 1        | Mobilization   | LS  | 1       |            |                |
| 2        | Curb Replacement   | LF  | 184     |            |                |
| 3        | Pavement Repair & Road Restoration                                     |     |         |            |                |
| 3.01     | Base & Resurface   | SY  | 200     |            |                |
| 3.02     | Mill & Overlay   | SY  | 1,685   |            |                |
| 4        | Concrete Sidewalk Replacement (4" min. thick.)                         | SY  | 715     |            |                |
| 5        | Driveway Restoration   |     |         |            |                |
| 5.01     | Concrete (6" min. thick.)  | SY  | 1,328   |            |                |
| 6        | Sodding  | SY  | 5,899   |            |                |
| 7        | Grout Fill Abandoned Pipe  | CY  | 22      |            |                |
| 8        | Blow-off Assembly, End of Line   | EA  | 2       |            |                |
| 9        | Reduced Pressure Backflow Prevention Assembly /w Pressure Relief Valve | EA  | 2       |            |                |
| 9A       | Vacuum Breaker, brass  | EA  | 4       |            |                |
| 10       | Permit Fee - New Water Service-Building Department                     | EA  | 2       |            |                |

Bidder: \_\_\_\_\_

Signature: \_\_\_\_\_

| ITEM NO. | DESCRIPTION  | U/M | EST QTY | UNIT PRICE | EXTENDED PRICE |
|----------|--|-----|---------|------------|----------------|
| 11       | Remove Existing Items  |     |         |            |                |
| 11.01    | Valve, 4"  | EA  | 2       |            |                |
| 11.02    | Fire Hydrant   | EA  | 1       |            |                |
| 12       | Pipe   |     |         |            |                |
| 12.01    | 6" PVC, DR-18, direct bury   | LF  | 4,953   |            |                |
| 12.02    | 6" DIP, direct bury  | LF  | 615     |            |                |
| 12.03    | 2" HDPE, DR-9, direct bury   | LF  | 485     |            |                |
| 13       | 14" Steel Casing, 0.188" thick, incl. 6" Dia. PVC RJ Carrier Pipe, jack & bore | LF  | 51      |            |                |
| 14       | Water Services   |     |         |            |                |
| 14.01    | 1" PE Single Service (Short)   | EA  | 37      |            |                |
| 14.02    | 1" PE Single Service (Long), w/ 2" casing                                      | EA  | 43      |            |                |
| 14.03    | 1" PE Double Service (Short)   | EA  | 5       |            |                |
| 14.04    | 1" PE Double Service (Long), w/ 2" casing                                      | EA  | 2       |            |                |
| 14.05    | Additional 1" Service Pipe over 10' (Short) and 30' (Long)                     | LF  | 613     |            |                |
| 15       | Relocate Meter Box   | EA  | 23      |            |                |
| 16       | Ductile Iron Fittings  |     |         |            |                |
| 16.01    | 6" Tee, MJ   | EA  | 6       |            |                |

Bidder: \_\_\_\_\_

Signature: \_\_\_\_\_

| ITEM NO. | DESCRIPTION               | U/M | EST QTY | UNIT PRICE | EXTENDED PRICE |
|----------|---------------------------|-----|---------|------------|----------------|
| 16.02    | 6" Tee, MJ, Cut-in        | EA  | 1       |            |                |
| 16.03    | 6" Solid Sleeve           | EA  | 1       |            |                |
| 16.04    | 6" 45 Degree Bend or Less | EA  | 24      |            |                |
| 16.05    | 8"x4" Reducer, MJ         | EA  | 1       |            |                |
| 16.06    | 8"x6" Reducer, MJ         | EA  | 2       |            |                |
| 16.07    | 6" Cap, W/2" Tap          | EA  | 3       |            |                |
| 16.08    | 4" Cap                    | EA  | 2       |            |                |
| 16.09    | 4"x6" Hymax coupling      | EA  | 1       |            |                |
| 16.10    | 8" Tee, MJ Cut-in         | EA  | 3       |            |                |
| 16.11    | 8" Solid Sleeve           | EA  | 3       |            |                |
| 17       | Pipe Joint Restraints     |     |         |            |                |
| 17.01    | 4"                        | EA  | 2       |            |                |
| 17.02    | 6"                        | EA  | 85      |            |                |
| 17.03    | 8"                        | EA  | 9       |            |                |
| 18       | Valves, MJ                |     |         |            |                |
| 18.01    | 2" Gate Valve             | EA  | 2       |            |                |
| 18.02    | 6" Gate Valve             | EA  | 19      |            |                |
| 18.03    | 6" Tapping Valve          | EA  | 2       |            |                |

Bidder: \_\_\_\_\_

Signature: \_\_\_\_\_

| ITEM NO.  | DESCRIPTION                                    | U/M | EST QTY | UNIT PRICE | EXTENDED PRICE |
|---|--|-----|---------|------------|----------------|
| 18.04   | 8" Gate Valve                                  | EA  | 7       |            |                |
| 19  | 1" Air Release Valve                           | EA  | 1       |            |                |
| 20  | ARV Cabinet, fiberglass                        | EA  | 1       |            |                |
| 21  | Fire Hydrant Assembly                          | EA  | 5       |            |                |
| 22  | <i>Intentionally Left Blank</i>                |     |         |            |                |
| 23  | Tapping Sleeve (Main x Outlet)                 |     |         |            |                |
| 23.01   | 8"x6"  | EA  | 1       |            |                |
| 23.02   | 20"x6"   | EA  | 1       |            |                |
| 24  | Erosion and Sediment Control                   | LS  | 1       |            |                |
| 25  | Inlet Protection System                        | EA  | 25      |            |                |
| 26  | Traffic Control Plan                           | LS  | 1       |            |                |
| 27  | Miscellaneous Concrete, 3,000 psi              | CY  | 40      |            |                |
| 28  | Detectable Warnings, black, per FDOT 527-2     | SF  | 50      |            |                |
| 29  | Fence, chain-link, galvanized, 8' long section | EA  | 7       |            |                |
| 30  | Fence, corner/gate post                        | EA  | 7       |            |                |
| 31  | Record Drawings                                | LS  | 1       |            |                |
| <b>Total Base Bid 'A' Based on Completion Time of 270 Calendar Days</b> |  |     |         |            |                |

Bidder: \_\_\_\_\_

Signature: \_\_\_\_\_

|  |  |
|--|--|
| Contract Contingency (10% of Total Base Bid)   |  |
| <b>Total Offer with Contract Contingency Bid 'A' Based on Completion Time of 270 Calendar Days</b> |  |

Bidder: \_\_\_\_\_

Signature: \_\_\_\_\_

**APPENDIX J, BID PRICING FORM**

IFBC NO. 19-TA003165BB

WATER MAIN UPGRADES – WILLOW WOODS &amp; LAKE ESTATES

BID 'B' BASED ON A COMPLETION TIME OF 330 CALENDAR DAYS

| ITEM NO. | DESCRIPTION  | U/M | EST QTY | UNIT PRICE | EXTENDED PRICE |
|----------|--|-----|---------|------------|----------------|
| 1        | Mobilization   | LS  | 1       |            |                |
| 2        | Curb Replacement   | LF  | 184     |            |                |
| 3        | Pavement Repair & Road Restoration                                     |     |         |            |                |
| 3.01     | Base & Resurface   | SY  | 200     |            |                |
| 3.02     | Mill & Overlay   | SY  | 1,685   |            |                |
| 4        | Concrete Sidewalk Replacement (4" min. thick.)                         | SY  | 715     |            |                |
| 5        | Driveway Restoration   |     |         |            |                |
| 5.01     | Concrete (6" min. thick.)  | SY  | 1,328   |            |                |
| 6        | Sodding  | SY  | 5,899   |            |                |
| 7        | Grout Fill Abandoned Pipe  | CY  | 22      |            |                |
| 8        | Blow-off Assembly, End of Line   | EA  | 2       |            |                |
| 9        | Reduced Pressure Backflow Prevention Assembly /w Pressure Relief Valve | EA  | 2       |            |                |
| 9A       | Vacuum Breaker, brass  | EA  | 4       |            |                |

Bidder: \_\_\_\_\_

Signature: \_\_\_\_\_

| ITEM NO. | DESCRIPTION  | U/M | EST QTY | UNIT PRICE | EXTENDED PRICE |
|----------|--|-----|---------|------------|----------------|
| 10       | Permit Fee - New Water Service-Building Department                             | EA  | 2       |            |                |
| 11       | Remove Existing Items  |     |         |            |                |
| 11.01    | Valve, 4"  | EA  | 2       |            |                |
| 11.02    | Fire Hydrant   | EA  | 1       |            |                |
| 12       | Pipe   |     |         |            |                |
| 12.01    | 6" PVC, DR-18, direct bury   | LF  | 4,953   |            |                |
| 12.02    | 6" DIP, direct bury  | LF  | 615     |            |                |
| 12.03    | 2" HDPE, DR-9, direct bury   | LF  | 485     |            |                |
| 13       | 14" Steel Casing, 0.188" thick, incl. 6" Dia. PVC RJ Carrier Pipe, jack & bore | LF  | 51      |            |                |
| 14       | Water Services   |     |         |            |                |
| 14.01    | 1" PE Single Service (Short)   | EA  | 37      |            |                |
| 14.02    | 1" PE Single Service (Long), w/ 2" casing                                      | EA  | 43      |            |                |
| 14.03    | 1" PE Double Service (Short)   | EA  | 5       |            |                |
| 14.04    | 1" PE Double Service (Long), w/ 2" casing                                      | EA  | 2       |            |                |
| 14.05    | Additional 1" Service Pipe over 10' (Short) and 30' (Long)                     | LF  | 613     |            |                |
| 15       | Relocate Meter Box   | EA  | 23      |            |                |

Bidder: \_\_\_\_\_

Signature: \_\_\_\_\_

| ITEM NO. | DESCRIPTION               | U/M | EST QTY | UNIT PRICE | EXTENDED PRICE |
|----------|---------------------------|-----|---------|------------|----------------|
| 16       | Ductile Iron Fittings     |     |         |            |                |
| 16.01    | 6" Tee, MJ                | EA  | 6       |            |                |
| 16.02    | 6" Tee, MJ, Cut-in        | EA  | 1       |            |                |
| 16.03    | 6" Solid Sleeve           | EA  | 1       |            |                |
| 16.04    | 6" 45 Degree Bend or Less | EA  | 24      |            |                |
| 16.05    | 8"x4" Reducer, MJ         | EA  | 1       |            |                |
| 16.06    | 8"x4" Reducer, MJ         | EA  | 2       |            |                |
| 16.07    | 6" Cap, W/2" Tap          | EA  | 3       |            |                |
| 16.08    | 4" Cap                    | EA  | 2       |            |                |
| 16.09    | 4"x6" Hymax coupling      | EA  | 1       |            |                |
| 16.10    | 8" Tee, MJ Cut-in         | EA  | 3       |            |                |
| 16.11    | 8" Solid Sleeve           | EA  | 3       |            |                |
| 17       | Pipe Joint Restraints     |     |         |            |                |
| 17.01    | 4"                        | EA  | 2       |            |                |
| 17.02    | 6"                        | EA  | 85      |            |                |
| 17.03    | 8"                        | EA  | 9       |            |                |
| 18       | Valves, MJ                |     |         |            |                |
| 18.01    | 2" Gate Valve             | EA  | 2       |            |                |

Bidder: \_\_\_\_\_

Signature: \_\_\_\_\_

| ITEM NO. | DESCRIPTION                                    | U/M | EST QTY | UNIT PRICE | EXTENDED PRICE |
|----------|--|-----|---------|------------|----------------|
| 18.02    | 6" Gate Valve                                  | EA  | 19      |            |                |
| 18.03    | 6" Tapping Valve                               | EA  | 2       |            |                |
| 18.04    | 8" Gate Valve                                  | EA  | 7       |            |                |
| 19       | 1" Air Release Valve                           | EA  | 1       |            |                |
| 20       | ARV Cabinet, fiberglass                        | EA  | 1       |            |                |
| 21       | Fire Hydrant Assembly                          | EA  | 5       |            |                |
| 22       | <i>Intentionally Left Blank</i>                |     |         |            |                |
| 23       | Tapping Sleeve (Main x Outlet)                 |     |         |            |                |
| 23.01    | 8"x6"  | EA  | 1       |            |                |
| 23.02    | 20"x6"   | EA  | 1       |            |                |
| 24       | Erosion and Sediment Control                   | LS  | 1       |            |                |
| 25       | Inlet Protection System                        | EA  | 25      |            |                |
| 26       | Traffic Control Plan                           | LS  | 1       |            |                |
| 27       | Miscellaneous Concrete, 3,000 psi              | CY  | 40      |            |                |
| 28       | Detectable Warnings, black, per FDOT 527-2     | SF  | 50      |            |                |
| 29       | Fence, chain-link, galvanized, 8' long section | EA  | 7       |            |                |
| 30       | Fence, corner/gate post                        | EA  | 7       |            |                |
| 31       | Record Drawings                                | LS  | 1       |            |                |

Bidder: \_\_\_\_\_

Signature: \_\_\_\_\_

|  |  |
|--|--|
| <b>Total Base Bid 'B' Based on Completion Time of 330 Calendar Days</b>                            |  |
| Contract Contingency (10% of Total Base Bid)   |  |
| <b>Total Offer with Contract Contingency Bid 'B' Based on Completion Time of 330 Calendar Days</b> |  |

Bidder: \_\_\_\_\_

Signature: \_\_\_\_\_