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Solicitation Addendum

Addendum No.: 2
Solicitation No.: 19-TA003138SAM
Project No.: 6088870
Solicitation Title: Ciprianis Subdivision Water Main Replacement
Addendum Date: October 16, 2019
Procurement Contact: Sherri Meier

IFBC No. 19-TA003138SAM 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-TA003138SAM.

Change to:
APPENDIX A, MINIMUM QUALIFICATIONS, ITEM 3:

3. Must have possessed a General Contractor's or Underground Utilities Contractor's License issued by the Florida Department of Business and Professional Regulation (DBPR) for a period of at least three (3) consecutive years since September 2016. License/Qualification must be current and valid through the Due Date for submission of bids for this IFBC.

OR

Must be a Florida Department of Transportation (FDOT) Pre-Qualified Contractor in the category of "Underground Utilities" (Water & Sewer).

If Bidder is bidding as a General Contractor or Underground Utility Contractor, provide documentation confirming Bidder has been licensed as a General Contractor or Utility Underground Contractor by the Florida DBPR for the period of September 30, 2016 thru the date of submission of the Bid.

If Bidder is bidding as an FDOT Pre-Qualified Contractor in the category of “Underground Utilities” (Water & Sewer), the County will verify that Bidder is listed in the FDOT database as an FDOT Pre-Qualified Contractor in the category of “Underground Utilities” (Water & Sewer).

Replace:

APPENDIX J, BID PRICING FORM, APPENDIX J-1 THROUGH J-6

Replace Bid Pricing form pages Appendix J-1 through J-6 issued with Addendum 1 with the attached Bid Pricing form pages Appendix J-1 through J-6 revised per this Addendum 2. An electronic copy of the revised Bid Pricing form pages Appendix J is also issued with this Addendum 2 and available for download as a separate attachment.

Change to:

BID ATTACHMENT 2, TECHNICAL SPECIFICATIONS, SPECIFICATION SECTION 02617, PART 1.01.J:

Change Part 1.01.J in Specification Section 02617 as follows:

J. Installation tolerances of Pipelines:

1. Direct Bury:

- a. Vertical Alignment = ± 0.5 feet
- b. Horizontal Alignment = ± 1.0 feet

2. Horizontal Directional Drill (and other Trenchless Technologies):

a. Vertical Alignment:

- 1) max. slope shall not exceed 2% (2.0 feet within a length of 100 feet).
- 2) No reverse curvature within 200 feet
- 3) No vertical deviation greater than ten (10) percent of the proposed depth of cover at that specific station.

b. Horizontal Alignment:

- 1) max. rate of deviation shall not exceed 1.5% (1.5 feet within a length of 100 feet)
- 2) No reverse curvature
- 3) Total deviation not to exceed 2.0 feet

Replace:

BID ATTACHMENT 3, PLAN SET FOR CIPRIANIS SUBDIVISION WATER MAIN REPLACEMENT, PLAN SHEETS 2, 4, 5, 6, 78, 8, 9, 10, AND 12

Replace Bid Attachment 3 Plan Sheet numbers 2, 4, 5, 6, 7, 8, 9, 10, and 12 with the Revised Plan Sheet Numbers 2, 4, 5, 6, 7, 8, 9, 10, and 12 issued with this Addendum 2.

Clarifications of Engineer's Changes:

Sheet 2- Updated Note 1 with the current project manager information.

Sheet 4-

- Updated notes to reflect that they apply to all plan and profile sheets;
- Revised Note 2 to require $\frac{3}{4}$ -inch backflow prevention assemblies;
- Added new Notes 7 thru 9 for installation of proposed pipe;
- Deleted callout for a 6" 45 bend at Sta 30+65 in plan view.

Sheet 5-

- Removed notes
- Revised callout at STA 38+01 to have (2) 4" 90's
- Added gate valve block just upstream of multi-meter bank to illustrate callout requirement

Sheets 6, 7, and 10- Removed Notes.

Sheet 8-

- Removed Notes
- Revised callout at Sta 130+48 from 2" to 1"

Sheet 9-

- Removed Notes
- Revised callout at Sta 79+86 to remove the "and 8" 45 bend
- Revised length of PVC to 376 LF

Sheet 12- Revised detail UW-19

QUESTIONS AND RESPONSES:

Q1.Reference Bid Form, Bid Item 12.09, 8" 45 Degree Bend, bid quantity shows 1-each plans show 3-each.

R1. See Revised Bid Pricing Form issued with this Addendum 2.

Q2. Reference Bid Form, Bid Item 12.01, 4" 90 Degree Bend, bid quantity shows 1-each, plan sheet 05 shows 2-each.

R2. See response to question 1.

Q3. Reference Bid Form, Bid Item 9.02, 1" PE Single Service (Long), bid quantity shows 9-each, plans show 10-each.

R3. There are 9-1 "PE Single Service (Long) and 2-1" PE Double Services (Long). The double on Sheet 8 at Sta 130+48 has an additional 73LF of 1" PE to Stretch the meter box to the east.

Q4. Reference Bid Form, Bid Item 9.05, 2" PE, Long, Quadruple Meter Bank, the plans do not show any quadruple meter banks but at two locations, plan sheet 05 and 06, there are decuple meter banks, 10-each. What size copper tube manifold pipe are we to install to serve ten (10) meters? Detail UW-19 does not show size of manifold pipe and fittings.

R4. The detail (UW-19) has been revised to show a 2" copper pipe for the manifold line, hence 2"x1" tee fittings for each service and 2" 90's.

Q5. Reference plan sheet 12, Multiple Meter Layout detail, DW-19, what is the size of the gate valve for each of the two (2) 10-each meter banks shown on plan sheets 05 and 06 supposed to be?

R5. The detail (UW-19) has been revised to show a 4" gate valve.

Q6. Reference plan sheet 12, Multiple Meter Layout detail, DW-19, are we to install a tapped MJ plug at the downstream side of the gate valve to reduce to the required size of the manifold pipe? If so, what size MJ tapped plug will be needed?

R6. Yes, the detail (UW-19) has been revised to show a 4" gate valve with 4"x2" MJ plug.

Q7. Reference Bid Form, Bid Item 11, Relocate Meter Box, Potable Water, where is this work at? Cannot find on plans.

R7. The "relocations" are located on Sheet 7, Sta 128+15: the meter box is to be relocated out from the driveway and Sheet 9, Sta 82+68: the double service is moved to the property line.

Q8. Reference Bid Form, Bid Item 12.02, 2" Cap, bid quantity shows 2-each plans show 8-each.

R8. See response to question 1.

Q9. Reference Bid Form, Bid Items 17.01 and 17.02, in order to remove and replace these existing tapping sleeves and or saddles, the water mains will have to be shut down, how much time will the Contractor have for this shutdown and will the work have to be performed at night?

R9. The shutdown will be for about an hour and the work will need to be done at night. This work will need to be coordinated with the Utilities Department.

Q10. Reference Bid Form, Bid Item 6.02, Double Check (Backflow Prevention Assembly), what size are these backflows?

R10. ¾-inch, the note has been revised.

Q11. Per the qualifications for bidding this project it is stated that the company “must have possessed an Underground Utility Contractor’s license issued by the Department of Business and Professional Regulation for a period of 3 consecutive years since February 2016”, Can that time be reduced?

R11. See revisions to Minimum Qualifications above in this Addendum 2.

Q12. Reference Bid Form, Bid Item 8.06, Ductile Iron Pipe (CL-350), 8”, bid quantity shows 64LF, plans show 37LF.

R12. See response to question 1.

Q13. Reference plan sheet 08, station 130+48, the note states INSTALL 2” SINGLE WATER SERVICE, there is no bid item for this size service.

R13. Callout has been revised to read “INSTALL 1....”.

Q14. Reference plan sheet 09, in profile view at station 80+10, there is a note to “remove ex. 8” cap connect 8” WM”, do not understand what is going on with this note, do not see anything in plan view to understand what is going on, clarify.

R14. The callout has been removed.

Q15. Can a bid item be added for the work required to cap and abandon the existing 2-inch water main?

R15. This item needs to be associated with bid item number 12.02. We only wish to have the 2” lines capped when separated, we do not need the 2” line grout filled. The 2” lines will be abandoned in place as-is.

Q16. Reference specifications, Bid Attachment 5, GEOTECHNICAL REPORTS, we do not have boring logs numbers B-2, B-3 and B-4, please provide.

R16. The soil borings are part of the provided Geotech report. Appears that B-2, B-3, and B-4 are pages 274 through 276 of document “19-TA003138SAM Invitation for Bid Construction.pdf”.

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

BID FORM

(Submit in Duplicate)

CIPRIANIS SUBDIVISION WATER MAIN REPLACEMENT**Bid "A" Based on Completion Time of 210 Calendar Days**

POTABLE WATER MAIN					
Bid Item No.	Description	U/M	QTY.	Unit Price (\$)	Extended Price (\$)
1	Asphalt Pavement Restoration				
1.01	Base & Resurface	SY	401		
1.02	Mill & Resurface	SY	826		
2	Driveway Restoration				
2.01	Concrete (6" min. Thick)	SY	230		
2.02	Asphalt (6" min. Thick)	SY	87		
2.03	Shell (6" min. Thick)	SY	185		
2.04	Brick Paver	SY	54		
3	Sidewalk, Concrete (4" thick)	SY	38		
4	Sod	SY	2,198		
5	Blow-Off Assembly, 1"	EA	1		
6	Backflow Prevention Assembly (BPA)				
6.01	Reduced Pressure	EA	49		
6.02	Double Check	EA	7		
7	Permits - Building Department - BPA installations	EA	7		
8	Pipe				
8.01	PVC Pipe (C-900), 4"	LF	203		
8.02	PVC Pipe (C-900), 6"	LF	843		
8.03	PVC Pipe (C-900), 8"	LF	736		
8.04	Ductile Iron Pipe (CL 350), 4"	LF	85		
8.05	Ductile Iron Pipe (CL 350), 6"	LF	211		
8.06	Ductile Iron Pipe (CL 350), 8"	LF	37		
8.07	HDPE Pipe (DR-9), 2"	LF	196		

Bidder: _____

Signature: _____

Revision 2

BID FORM

(Submit in Duplicate)

CIPRIANIS SUBDIVISION WATER MAIN REPLACEMENT**Bid "A" Based on Completion Time of 210 Calendar Days**

POTABLE WATER MAIN					
Bid Item No.	Description	U/M	QTY.	Unit Price (\$)	Extended Price (\$)
9	Water Services				
9.01	1" PE Single Service (Short)	EA	20		
9.02	1" PE Single Service (Long), w/2" Casing	EA	9		
9.03	1" PE Double Service (Short)	EA	1		
9.04	1" PE Double Service (Long), w/2" Casing	EA	2		
9.05	2" PE, Long, Quadruple Meter Bank	EA	2		
9.06	Additional 1" service Pipe over 10' (Short) and 30' (Long)	LF	73		
10	New Meter Box, potable water	EA	55		
11	Relocate Meter Box, potable water	EA	3		
12	Ductile Iron Fittings				
12.01	4" 90 Degree Bend	EA	2		
12.02	2" Cap	EA	8		
12.03	4" Cap	EA	1		
12.04	6" Tee, cut-in	EA	2		
12.05	6" X 4" Tee	EA	2		
12.06	6" 22.5 Degree Bend	EA	2		
12.07	6" 45 Degree Bend	EA	7		
12.08	Intentionally Left Blank				
12.09	8" 45 Degree Bend	EA	3		
12.10	8" 22.5 Degree Bend	EA	1		
12.11	8" x 4" Reducer	EA	1		
13	Pipe Joint Restraints				
13.01	4"	EA	2		
13.02	6"	EA	29		
13.03	8"	EA	16		

Bidder: _____

Signature: _____

Revision 2

BID FORM

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CIPRIANIS SUBDIVISION WATER MAIN REPLACEMENT**Bid "A" Based on Completion Time of 210 Calendar Days**

POTABLE WATER MAIN					
Bid Item No.	Description	U/M	QTY.	Unit Price (\$)	Extended Price (\$)
14	Valves, MJ				
14.01	4" Gate Valve	EA	5		
14.02	6" Gate Valve	EA	7		
14.03	8" Gate Valve	EA	1		
14.04	8" Tapping Valve	EA	1		
15	Fire Hydrant Assembly	EA	2		
16	Tapping Sleeve, 20" X 8"	EA	1		
17	Replace Ex. Tapping Sleeve/Saddle, Install brass plugs				
17.01	20" x 2"	EA	1		
17.02	6" x 2"	EA	1		
18	Erosion Control	LS	1		
19	Traffic Control	LS	1		
20	Mobilization	LS	1		
21	Record Drawings	LS	1		
	Total Base Bid "A" - Based on Completion Time of 210 Calendar Days				
22	Contract Contingency (% of Total Base Bid)			10% of Total Base Bid	
	TOTAL OFFER with Contract Contingency BID "A" - Based on Completion Time of 210 Calendar Days				

Bidder: _____

Signature: _____

Revision 2

BID FORM

(Submit in Duplicate)

CIPRIANIS SUBDIVISION WATER MAIN REPLACEMENT**Bid "B" Based on Completion Time of 270 Calendar Days**

POTABLE WATER MAIN					
Bid Item No.	Description	U/M	QTY.	Unit Price (\$)	Extended Price (\$)
1	Asphalt Pavement Restoration				
1.01	Base & Resurface	SY	401		
1.02	Mill & Resurface	SY	826		
2	Driveway Restoration				
2.01	Concrete (6" min. Thick)	SY	230		
2.02	Asphalt (6" min. Thick)	SY	87		
2.03	Shell (6" min. Thick)	SY	185		
2.04	Brick Paver	SY	54		
3	Sidewalk, Concrete (4" thick)	SY	38		
4	Sod	SY	2,198		
5	Blow-Off Assembly, 1"	EA	1		
6	Backflow Prevention Assembly (BPA)				
6.01	Reduced Pressure	EA	49		
6.02	Double Check	EA	7		
7	Permits - Building Department - BPA installations	EA	7		
8	Pipe				
8.01	PVC Pipe (C-900), 4"	LF	203		
8.02	PVC Pipe (C-900), 6"	LF	843		
8.03	PVC Pipe (C-900), 8"	LF	736		
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8.05	Ductile Iron Pipe (CL 350), 6"	LF	211		
8.06	Ductile Iron Pipe (CL 350), 8"	LF	37		
8.07	HDPE Pipe (DR-9), 2"	LF	196		
9	Water Services				
9.01	1" PE Single Service (Short)	EA	20		

Bidder: _____

Signature: _____

Revision 2

BID FORM

(Submit in Duplicate)

CIPRIANIS SUBDIVISION WATER MAIN REPLACEMENT**Bid "B" Based on Completion Time of 270 Calendar Days**

POTABLE WATER MAIN					
Bid Item No.	Description	U/M	QTY.	Unit Price (\$)	Extended Price (\$)
9.02	1" PE Single Service (Long), w/2" Casing	EA	9		
9.03	1" PE Double Service (Short)	EA	1		
9.04	1" PE Double Service (Long), w/2" Casing	EA	2		
9.05	2" PE, Long, Quadruple Meter Bank	EA	2		
9.06	Additional 1" service Pipe over 10' (Short) and 30' (Long)	LF	73		
10	New Meter Box, potable water	EA	55		
11	Relocate Meter Box, potable water	EA	3		
12	Ductile Iron Fittings				
12.01	4" 90 Degree Bend	EA	2		
12.02	2" Cap	EA	8		
12.03	4" Cap	EA	1		
12.04	6" Tee, cut-in	EA	2		
12.05	6" X 4" Tee	EA	2		
12.06	6" 22.5 Degree Bend	EA	2		
12.07	6" 45 Degree Bend	EA	7		
12.08	Intentially Left Blank				
12.09	8" 45 Degree Bend	EA	3		
12.10	8" 22.5 Degree Bend	EA	1		
12.11	8" x 4" Reducer	EA	1		
13	Pipe Joint Restraints				
13.01	4"	EA	2		
13.02	6"	EA	29		
13.03	8"	EA	16		
14	Valves, MJ				
14.01	4" Gate Valve	EA	5		

Bidder: _____

Signature: _____

Revision 2

BID FORM

(Submit in Duplicate)

CIPRIANIS SUBDIVISION WATER MAIN REPLACEMENT**Bid "B" Based on Completion Time of 270 Calendar Days**

POTABLE WATER MAIN					
Bid Item No.	Description	U/M	QTY.	Unit Price (\$)	Extended Price (\$)
14.02	6" Gate Valve	EA	7		
14.03	8" Gate Valve	EA	1		
14.04	8" Tapping Valve	EA	1		
15	Fire Hydrant Assembly	EA	2		
16	Tapping Sleeve, 20" X 8"	EA	1		
17	Replace Ex. Tapping Sleeve/Saddle, Install brass plugs				
17.01	20" x 2"	EA	1		
17.02	6" x 2"	EA	1		
18	Erosion Control	LS	1		
19	Traffic Control	LS	1		
20	Mobilization	LS	1		
21	Record Drawings	LS	1		
	Total Base Bid "B" - Based on Completion Time of 270 Calendar Days				
22	Contract Contingency (% of Total Base Bid)			10% of Total Base Bid	
	TOTAL OFFER with Contract Contingency BID "B" - Based on Completion Time of 270 Calendar Days				

Bidder: _____

Signature: _____