



ADDENDUM NO. 4

Issue Date: January 25, 2021

Project Name: North County Water & Sewer System Phase 2

Bid Number: 2021019

Bid Opening Date: 2:00 PM **January 29, 2021**

This addendum is being released to answer questions received to date and modify bid documents. The information and documents contained in this addendum are hereby incorporated in the invitation to bid. **This addendum must be acknowledged where indicated on the bid form, or the bid will be declared non-responsive.**

Modifications to Bid Documents:

PLANS:

REPLACE plan sheet 1 with attached Sheet 1-Addendum 4

- Revised plan sheet to correct date of Addendum 4 Plan Revisions for future reference.

REPLACE plan sheet 19 with attached Sheet 19-Addendum 4

- Revised plan sheet to revise 8" D.I.P. Water Main to 6" D.I.P. Water Main. Removed reference to concrete utility encasement. Contractor to refer to Sheet 35, Detail A-5 'Utility Crossing'.

REPLACE plan sheet 19A with attached Sheet 19A-Addendum 4

- Revised plan sheet to revise 8" D.I.P. Water Main to 6" D.I.P. Water Main. Removed reference to concrete utility encasement. Contractor to refer to Sheet 35, Detail A-5 'Utility Crossing'.

REPLACE plan sheet 20 with attached Sheet 20-Addendum 4

- Revised plan sheet to revise 8" D.I.P. Water Main to 6" D.I.P. Water Main. Removed reference to concrete utility encasement. Contractor to refer to Sheet 35, Detail A-5 'Utility Crossing'.

REPLACE plan sheet 22 with attached Sheet 22-Addendum 4

- Revised plan sheet to revise 8" D.I.P. Water Main to 6" D.I.P. Water Main. Removed reference to concrete utility encasement. Contractor to refer to Sheet 35, Detail A-5 'Utility Crossing'.

REPLACE plan sheet 35 with attached Sheet 35-Addendum 4

- Revised plan sheet to revise Detail A-5, 'Utility Encasement' to 'Utility Crossing' to clarify the Detail's applicability.

BID FORM:

REPLACE Bid Form Sheets 00300-1 thru 00300-3 with attached Sheets 00300-1 thru 00300-3-Addendum 4

- Revised sheets to include 'Addendum No. 4' at bottom-right corner for clarity. No other revisions were made to Sheets 00300-1 thru 00400-3.

REPLACE Bid Form Sheet 00300-4 with attached Sheet 00300-4-Addendum 4

- Revised sheet to move Line Items 29A, 30, 31, & 'Sewer Construction Cost Subtotal' from Sheet 00300-5 to Sheet 00300-4.

REPLACE Bid Form Sheet 00300-5 with attached Sheet 00300-5-Addendum 4

- Revised sheet to move Line Items 29A, 30, 31, & 'Sewer Construction Cost Subtotal' from Sheet 00300-5 to Sheet 00300-4.
- Revised sheet to remove Line Items 56 & 57 per Addendum No. 3.
- Revised sheet to move Line items 60 thru 67 from Sheet 00300-6 to Sheet 00300-5.
- Revised sheet to remove "& Utility Encasement" from Line Item No. 34 Item Description.

REPLACE Bid Form Sheet 00300-6 with attached Sheet 00300-6-Addendum 4

- Revised sheet to move Line items 60 thru 67 from Sheet 00300-6 to Sheet 00300-5.
- Revised sheet to revise Line Item No.'s 72 & 73 Quantities.

REPLACE Bid Form Sheet 00300-7 with attached Sheet 00300-7-Addendum 4

- Revised sheet to include 'Addendum No. 4' at bottom-right corner for clarity. No other revisions were made to Sheet 00300-7.

Questions and Answers

1. Page 3 of Addendum 3: Answer to question 1 states, "The Contractor is responsible for providing service from FPL to the pumping station site." Please either provide the Contractors with the anticipated distance from FPL's drop to lift station or provide an allowance item with dollar amount in the bid form for this scope.

The Contractor is responsible for providing electrical service from FPL to the pumping station site. Cost shall be included in the Lump Sum Bid for Item No. 10 'Lift Station "A"'. Contractors are encouraged to visit the site prior to the Bid Opening date.

2. Where the bores were removed going under the road, line items for the 8" D.I.P. and the road crossing repair were not added to the Bid Form.
The D.I.P. utility crossings were incorrectly called out on the Plans issued with Addendum No. 3 as "8" D.I.P. Water Main". These crossings are to be 6" D.I.P. Water Main. The revised Bid Form issued with Addendum No. 3 contained Line Item No. 34A "6" D.I.P. Water Main (w/ Testing, Chlorination, & Utility Encasement)". This Line Item, revised to remove "Utility Encasement" on the attached Bid Form Sheet 00300-5 as part of this Addendum No. 4, accounts for all necessary work to be completed to construct the Utility Crossing per Detail A-5 on Sheet 35 of the Add. No. 4 Plans.

The road crossing repair / restoration for the Asphalt Restoration at these crossings has been accounted for in Line Item No. 26 for the roadway open-cut restoration as part of the gravity

sewer installation. Quantities for the open-cut restoration of the base and subgrade material has been added to revised Line Item No.'s 72 & 73 on the attached Bid Form Sheet 00300-6.

- 3.** Concrete casings are called out on the Plan Sheets for the D.I.P. Utility Crossings but Detail A-5 on Sheet 35 states that D.I.P. may be used in-lieu of concrete encasement
The attached Plan Sheets issued as part of this Addendum No. 4 have been revised to remove the call-out for the Concrete Utility Encasement. Detail A-5 on Sheet 35 has been revised to change the name of Detail A-5 from “Utility Encasement” to “Utility Crossing” to clarify the Detail’s applicability.

****END OF ADDENDUM NO. 4****

**SECTION 00300
BID FORM
Indian River County North County Water & Sewer System Phase 2
Bid 2021019**

PROJECT DESCRIPTION:

CONTRACTOR shall complete all work as specified or indicated in the Contract Documents. The work is generally described as follows which shall include, but is not necessarily limited to the following:

Indian River County Department of Utility Services (IRCDUS) proposes to construct a new gravity sanitary sewer system and water main system to serve the Roseland and Ercildoune Heights areas generally north of Roseland Road and west of US Highway #1, south off the St. Sebastian River. The project will generally include approximately 14,214 LF of gravity sewer mains; 53 manholes; a lift station; 1,728 LF of 4" force main (includes 3 directional bores); 2,503 LF of 8" water main (includes 2 directional bores), 15,321 LF of 6" water mains (includes 5 directional bores), and 109 LF of 4" water mains; 21 fire hydrants; and related valves, fittings, laterals, services, and restoration.

**THIS BID IS SUBMITTED TO: Indian River County Purchasing Division
 1800 27th Street
 Vero Beach, Florida 32960**

1. The undersigned Bidder proposes and agrees, if this Bid is accepted, to enter into an agreement with Owner in the form included in the Contract Documents to perform and furnish all work as specified or indicated in the Contract Documents for the Contract Price and within the Contract Time indicated in the Contract Documents and in accordance with the other terms and conditions of the Contract Documents.
2. Bidder accepts all of the terms and conditions of the Advertisement for Bids or Invitation to Bid and Instructions to Bidders. This Bid will remain subject to acceptance for **sixty (60) calendar days** after the day of Bid opening. Bidder will sign and submit the Agreement with the insurance and Public Construction bonds and other documents required by the Owner within fifteen (15) calendar days after the date of Owner's Notice of Award.
3. In submitting this Bid, Bidder represents, as more fully set forth in the Agreement, that:
 - (a) Bidder has examined copies of all the Bidding Documents and of the following Addenda (receipt of all which is hereby acknowledged):

Date	Number

- (b) Bidder has familiarized itself with the nature and extent of the Contract Documents, the work, locality, and all local conditions and laws and regulations that in any manner may affect cost, progress, performance or finishing of the work.

- (c) Bidder acknowledges and agrees that it is bidding on construction of a gravity collection system and water main in north Indian River County. Please refer to the construction drawings labeled: Indian River County North County Water & Sewer System Phase 2.
 - (d) Bidders are notified that the estimates of the quantities of the various items of Work and materials as set forth in the Schedule of Bid Items are approximate only and are given solely to be used as a uniform basis for the comparison of Bids. The quantities actually required to complete the Project and Work may be less or more than so estimated, and, if so, no action for damages or for loss of profits shall accrue to the CONTRACTOR by reason thereof.
 - (e) Bidder has correlated the results of all such observations, examinations, investigations, explorations, tests, reports and studies with the terms and conditions of the Contract Documents.
 - (f) Bidder has given Engineer written notice of all conflicts, errors or discrepancies that it has discovered in the Contract Documents and the written resolution thereof by Engineer is acceptable to Bidder.
 - (g) This Bid is genuine and not made in the interest of or on behalf of any undisclosed person, firm, or corporation and is not submitted in conformity with any agreement or rules of any group, association, organization or corporation; Bidder has not directly or indirectly induced or solicited any other Bidder to submit a false or sham Bid; Bidder has not solicited or induced any person, firm or corporation to refrain from bidding; and Bidder has not sought by collusion to obtain for itself any advantage over any other Bidder or over Owner.
4. Bidder will complete and include with the bid the Schedule of Bid Items attached to this Bid Form. The quantities shown on the Schedule of Bid Items are approximate quantities to be used for the purpose of comparing bids. The actual quantities may vary.
5. Bidder agrees that the work will be completed in accordance with the following timeframe.
- (a) Within 60 calendar days from effective date of Notice to Proceed, Contractor shall complete the following tasks:
 - 1. Obtain all necessary permits.
 - 2. Receive approved shop drawings for all materials and equipment to be utilized in the job.
 - 3. Perform all photographic recording and documentation of conditions prior to construction.
 - 4. Locate all existing utilities in the area of work.
 - 5. Submit and secure approval of shop drawings
 - 6. Mobilize all labor, equipment, and materials.
 - 7. Deliver and store all equipment and materials to the job site.
 - 8. Notify all utilities and other affected parties prior to initiating construction.
 - (b) From 61 calendar days to 300 calendar days from the effective date of Notice to Proceed, the CONTRACTOR shall complete the following tasks:
 - 1. Install all pipe and appurtenant items.
 - 2. Perform all testing.
 - 3. Restore all disturbed areas to their pre-construction condition.

4. Correct all deficiencies noted by Engineer.

Completion of all tasks outlined above (i.e., Subparagraphs a) and b) constitutes Substantial Completion.

- (c) From 301 calendar days to 360 calendar days from the effective date of Notice to Proceed, the CONTRACTOR shall complete the following tasks:
 1. Clean up project area.
 2. Remove all equipment and material from project site.
 3. Perform contract closeout procedures.

Completion of all tasks outlined above (i.e., Subparagraphs a, b, and c) constitute Final Completion.

6. The following documents are attached to and made a part of this Bid:

- (a) Bid Form (Section 00300);
- (b) AIA Document A310 Bid Bond (Section 00410);
- (c) Schedule of Subcontractors (Section 00431);
- (d) Disclosure of Relationships (Section 00452);
- (e) Sworn Statement Under the Florida Trench Safety Act (Section 00454);
- (f) General Information Required of Bidders (Section 00456);
- (g) Certification Regarding Prohibition Against Contracting With Scrutinized Companies (Section 00458);
- (h) A current certificate of insurance evidencing coverages and limits in the amounts required by the Contract Documents.
- (i) Completed Form W-9

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SCHEDULE OF BID ITEMS

Project: Indian River County North County Water & Sewer System Phase 2
 Indian River County Bid No. 2021019; UCP #3556

Item No.	Item Description	Quantity	Unit of Measure	Unit Price	Total Price
1	Standard Manholes 0'-6'	33	EA		
2	Standard Manholes 6'-8'	12	EA		
3	Standard Manholes 8'-10'	5	EA		
4	Standard Manholes 10'-12'	2	EA		
5	Standard Manholes 12'-14'	1	EA		
6	Core & Connect to existing Manhole 0'-6'	1	EA		
7	Core & Connect to Existing Manhole 8'-10'	1	EA		
8	Core & Connect to Existing Manhole 10'-12'	1	EA		
9	Reroute Existing Sewer Laterals	1	EA		
10	Lift Station "A"	1	LS		
11	4" Force Main (w/ Fittings & Testing)	1,684	LF		
12	4" Gate Valve w/ Valve Box & Concrete Pad	2	EA		
13	6" Ø HDPE Force Main Directional Bore w/ M.J. Fittings - Roseland Road STA. 3+00	44	LF		
16	2" Force Main Service Stubout w/ 4" Tee & 4" Gate Valve, Box, Pad, & Cap	14	EA		
17	4" x 8" Wye	2	EA		
18	Sanitary Manual Air Release Valve	1	EA		
19	8" PVC Sewer 0'-6'	6,910	LF		
20	8" PVC Sewer 6'-8'	4,423	LF		
21	8" PVC Sewer 8'-10'	1,895	LF		
22	8" PVC Sewer 10'-12'	529	LF		
23	8" PVC Sewer 12'-14'	457	LF		
24	6" Single Lateral w/ Cleanout	166	EA		
25	6" Double Lateral w/ Cleanout	10	EA		
26	Remove & Replace (Open Cut) – Pavement Asphalt 2" Thick	7,462	SY		
27	Remove & Replace (Open Cut) – 6" Base Rock	1,492	SY		
28	Remove & Replace (Open Cut) – 8" Stabilized Subgrade	4,225	SY		
29	Curb Replacement – Type "F" Curb & Gutter	40	LF		
29A	Remove & Replace (Open Cut) – Pavement Concrete 6" Thick	105	SY		
30	Grassing – Sod (Bahia)	2,090	SY		
31	Grassing – Seed & Mulch	267	SY		

SEWER CONSTRUCTION COST SUBTOTAL:

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32	4" PVC Water Main (w/ Testing & Chlorination)	109	LF		
33	4" Gate Valve w/ Valve Box & Conc. Pad	1	EA		
34	6" PVC Water Main (w/ Testing & Chlorination)	14,509	LF		
34A	6" D.I.P. Water Main (w/ Testing, Chlorination, & Utility Encasement)	72	LF		
35	6" Gate Valve w/ Valve Box & Conc. Pad	27	EA		
36	6" 90° Restrained Bend	14	EA		
37	6" 45° Restrained Bend	12	EA		
38	6" 22.5° Restrained Bend	3	EA		
39	6" 11.25° Restrained Bend	3	EA		
40	6" x 6" x 2" Restrained Tee	1	EA		
41	6" x 6" x 6" Restrained Tee	9	EA		
42	6" x 6" x 8" Restrained Tee	1	EA		
43	6" Restrained Cross	1	EA		
44	8" PVC Water Main (w/ Testing & Chlorination)	2,150	LF		
44A	Ex. 8" PVC Water Main Adjustment	324	LF		
45	8" Gate Valve w/ Valve Box & Conc. Pad	6	EA		
46	8" 90° Restrained Bend	2	EA		
47	8" 45° Restrained Bend	3	EA		
48	6" x 4" Restrained Reducer	1	EA		
49	8" x 6" Restrained Reducer	3	EA		
50	Connect to Existing Water Main	6	EA		
51	Connect to Existing 6" Gate Valve	4	EA		
52	Connect to Existing 8" Gate Valve	4	EA		
53	6" x 8" Wet Tap w/ Tapping Valve & Sleeve	1	EA		
54	6" x 12" Wet Tap w/ Tapping Valve & Sleeve	4	EA		
55	Temporary Jumper	13	EA		
58	LF 8" HDPE Directional Bore w/ M.J. Fittings - 81 st AVE (STA. 3+70 to STA. 5+10)	140	LF		
59	8" HDPE Directional Bore w/ M.J. Fittings - 140 th ST (STA. -0+15 to STA 0+40)	55	LF		
60	10" HDPE Directional Bore w/ M.J. Fittings - Bay ST (STA. 0+30 to 3+50)	320	LF		
61	10" HDPE Directional Bore w/ M.J. Fittings - Bay ST (STA. 3+57)	33	LF		
62	Fire Hydrant Assembly	21	EA		
63	Bacteriological Sample Points	31	EA		
64	Blind Flange w/ 2" Temporary Blow-off	4	EA		
65	Manual Air Release Valve	4	EA		
66	Single Water Service w/ Meter Box	113	EA		
67	Double Water Service w/ Meter Box	39	EA		

68	Remove & Replace (Open Cut) – Pavement Concrete 6” Thick	275	SY		
68A	Remove & Replace (Open Cut) – Paver Driveway	15	SY		
69	Remove & Replace (Open Cut) – Sidewalk Concrete 6” Thick	14	SY		
70	Remove & Replace (Open Cut) – Pavement Asphalt 2” Thick	176	SY		
71	Dirt Driveway Apron Replacement – Pavement Asphalt 1” Thick	390	SY		
72	Remove & Replace – (Open Cut) 6” Base Rock	176 200	SY		
73	Remove & Replace – (Open Cut) 8” Stabilized Subgrade	503 530	SY		
74	Curb Replacement (Type “F” Curb & Gutter)	72	LF		
75	Grassing - Sod (Bahia)	6,997	SY		
76	Grassing - Seed & Mulch	2,068	SY		

WATER CONSTRUCTION COST SUBTOTAL:

77	Clearing / Grubbing / Tree Removal (Sewer & Water)	1	LS		
78	Erosion & Sediment Control (Sewer & Water)	1	LS		
79	Stake-out / As-built Survey (Sewer & Water)	1	LS		
80	Public Construction Bond	1	LS		

CONSTRUCTION COST – SUBTOTAL “A”:
(ITEMS #1 THROUGH & INCLUDING #80)

81	Mobilization, Demobilization, MOT (See Section 01025)	1	LS		
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CONSTRUCTION COST plus MOBILIZATION – SUBTOTAL “B”:

82	Force Account	1	LS	\$ 440,000.00	\$ 440,000.00
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BASIS OF AWARD – TOTAL LUMP SUM CONTRACT AMOUNT:
(TOTAL AMOUNT OF ITEMS #1 THROUGH & INCLUDING #82)

TOTAL PROJECT BID AMOUNT (IN WORDS) _____

Note: The Basis for Award shall be the lowest correct, responsive, responsible “Total Lump Sum Contract Amount” price bid.

*The unit price bid for furnishing and installation of the sewer and water mains and appurtenances shall include, but is not limited to: utilities exploration/excavation; coordination with any permitting agencies (i.e., NPDES permit); storm water permit; audio-visual documentation; land clearing/tree removal necessary for utility installation; trenching, removing, disposing of and replacing unsuitable (i.e., plastic or organic) material; dewatering; sheeting/shoring of the excavation; installation of pipe; driveway bores; structures; all appurtenances; trace wires; sleeves; excavating existing pipe; restraining existing pipelines and fittings; density testing; filling trench; soil compaction; filling; chlorinating; bacteriological sampling & testing; pressure testing; flushing; Maintenance of Traffic (MOT); irrigation repair; removal and disposition of surface over trench; RESTORATION OF ALL landscaping damaged or destroyed; removal and resetting or replacing any existing guard rail necessary for utility installation; and Trench Safety Act Compliance. The unit price(s) bid will also include restoration of any existing utilities, drainage facilities, signs, mailboxes, driveways, etc. not listed as bid items that have been disturbed or damaged by the construction. All materials and installation shall be per Indian River County Utility Standards and Specifications dated May, 2019 or latest revision unless otherwise noted in the bid documents. Contractor will be provided with a copy of construction plans in AutoCADD format to use for use in preparing Record Drawings. The unit price(s) bid will include any and all labor & materials not listed as a bid item or stated herein necessary to furnish the County a complete and working sewer and water system as indicated on the Construction Plans and Bid Documents.

The undersigned hereby certifies that they have read and understand the contents of this solicitation and agrees to furnish at the prices shown any or all of the items above, subject to all instructions, conditions, specifications and attachments hereto. Failure to have read all the provisions of this solicitation shall not be cause to: 1) alter any resulting contract; or 2) request additional compensation.

Respectfully Submitted,

Name of Firm

Address

Authorized Signature

City, State, Zip Code

Name & Title

Phone

Date Signed

(Corporate Seal)

E-mail: _____

Business Tax Receipt No. _____

FEIN Number: _____

END OF SECTION