

OPINION OF PROBABLE COST
Change Order #1 - West Wabasso Septic to Sewer
Phase 3A - 61st Drive
BOWMAN PROJECT No: 010514-01-013
June 29, 2023

SUBMITTED TO: Indian River County Department of Utility Services
Vero Beach, Florida 32960

BY: BOWMAN CONSULTING GROUP, .LTD
4450 West Eau Gallie Blvd, Suite 144
Melbourne, Florida 32964
(321) 255-5434 Cert. of Authorization 30462

Item No.	Description	Quantity	Unit	Unit Price	Total Item Cost
1	Construct County Lift Station, Complete and Operable. Furnish Pumps Package and Dataflow System. Pump package will include pumps, cables, guide rails and assemblies, float assembly, anchor bolts and washers and nuts, lifting bails, SS nipples and elbows, float switches, hatch covers, duplex control panel, SS base plates and spare parts, concrete driveway and housekeeping pad. The price to include Dataflow equipment with the spare Telemetry Control Unit (TCU) Supply spare parts per IRCBUS Construction Standards Section 10.	1	LS	\$355,650.00	\$355,650.00
2	Gravity Sewer - 8" PVC 6'-8' Cut	712	LF	\$83.30	\$59,309.60
3	Gravity Sewer - 8" PVC 8'-10' Cut	355	LF	\$92.58	\$32,865.90
4	Gravity Sewer - 8" PVC 10'-12' Cut	67	LF	\$98.72	\$6,614.24
5	Sewer Lateral - 6" Single with Clean Out	19	EA	\$2,650.00	\$50,350.00
6	Sewer Lateral - 6" Double with Clean Out	5	EA	\$3,650.00	\$18,250.00
7	Standard Manholes 6' - 8' (4' Dia.)	2	EA	\$6,668.28	\$13,336.56
8	Standard Manholes 8' - 10' (4' Dia.)	1	EA	\$11,102.15	\$11,102.15
9	Standard Manholes 10' - 12' (5' Dia.)	2	EA	\$11,146.10	\$22,292.20
10	Sanitary Force Main 4" DR 18 PVC	1,260	LF	\$58.32	\$73,483.20
11	Wastewater MJ Pipe Fittings, Ductile Iron, All Sizes	0.25	Ton	\$14,759.77	\$3,689.94
12	Gate Valve, 4" dia. w/ Box and Conc. Pad	1	EA	\$2,001.08	\$2,001.08
13	12"x 4" Tapping Sleeve & Gate Valve w/ Box & Conc. Pad	1	EA	\$9,065.66	\$9,065.66
14	Asphaltic Concrete, Superpave (Traffic C) Per FDOT Spec 334	370	Tons	\$464.82	\$171,983.40
15	Optional Base Group 6 (8-inches)-FDOT Spec 285	2,800	SY	\$25.48	\$71,344.00
16	Type B Stabilized Subgrade (12-inches)- Per FDOT Spec 160 (LBR 40)	2,900	SY	\$23.50	\$68,150.00
17	6" Double Yellow Per FDOT Spec 711-8	50	LF	\$4.08	\$204.00
18	24" White Per FDOT Spec 711-8	12	LF	\$11.63	\$139.56
19	Raised Pavement Markers (RPM's) - Class B, All Types & Colors per FDOT Spec 706	10	EA	\$5.00	\$50.00
20	Sign - Object Marker, Type 4 (OM4-3) with Round Aluminum Post per FDOT Spec. 705	3	EA	\$250.00	\$750.00
21	Import Fill per FDOT Spec. 120	1,300	CY	\$15.00	\$19,500.00
22	Restoration (Sod)	6,650	SY	\$31.21	\$207,546.50
23	Testing of Gravity Mains (TV & Exfiltration)	1,134	LF	\$15.34	\$17,395.56
24	Construction Stake-Out Survey	1	LS	\$10,881.99	\$10,881.99
25	As-built Survey	1	LS	\$1,360.25	\$1,360.25
26	Erosion & Sediment Control	1	LS	\$62,409.21	\$62,409.21
Sub Total Construction:					\$1,289,725.00
27	Mobilization, Demobilization, MOT (See Section 01025)	1	LS	\$60,000.00	\$60,000.00
28	Public Construction Bond:	1	LS	\$18,451.77	\$18,451.77
Estimated Project Total Cost:					\$1,368,176.77

The opinion of cost, above, is based on West Wabasso Phase 3B contract prices provided by Centerline Construction. It is true and accurate to the best of my knowledge; however, actual construction cost may vary.

Digitally signed by John M. Boyer
Reason: Engineer's Seal
Contact Info:
jboyer@bowman.com
Date: 2023.06.29
16:13:44-04'00'




CHANGE ORDER

No. 1

PROJECT: West Wabasso Septic to Sewer Phase 3

DATE OF ISSUANCE _____ EFFECTIVE DATE _____

OWNER Indian River County

OWNER's Contract No. 2022050

Project No. UCP 4155

CONTRACTOR Centerline, Inc.

ENGINEER Bowman Consulting Group, Ltd.

You are directed to make the following changes in the Contract Documents:

Description: Increase unit quantities as described in the attached OPC.

Reason for change order: Add Phase 3A (61st Drive) to the contract.

Attachments: Phase 3A OPC

CHANGE IN CONTRACT PRICE	CHANGE IN CONTRACT TIME
Original Contract Price \$ <u>1,403,350.48</u>	Original Contract Times Substantial Completion: <u>April 22, 2023</u> Final Payment: <u>June 21, 2023</u> Days or dates
Net changes from previous Change Orders No. <u> </u> to No. <u> </u> \$ <u>0 (zero)</u>	Net change from previous Change Orders No. <u> </u> to No. <u> </u> <u>0 (zero)</u> days
Contract Price prior to this Change Order \$ <u>0</u>	Contract Time prior to this Change Order Substantial Completion: <u>April 22, 2023</u> Final Payment: <u>June 21, 2023</u> Days or dates
Net Increase (decrease) in this Change Order \$ <u>1,368,176.77</u>	Net Increase in this Change Order <u>Substantial: 390 days / Final: 360 days</u> days
Contract Price with all approved Change Orders \$ <u>2,771,527.25</u>	Contract Time with all approved Change Orders Substantial Completion: <u>May 16, 2024</u> Final Payment: <u>June 15, 2024</u> Days or dates

RECOMMENDED:

APPROVED:

ACCEPTED:

By:  Digitally signed by John M. Boyer
Reason: Recommending Change Order
Contact Info: jboyer@bowman.com
Date: 2023.06.29 15:18:37-04'00'

By: _____
Engineer: John M. Boyer, P.E.
Bowman Consulting Grp, Ltd
Date: _____

By: _____
Owner: Sean Lieske
IRC Dept. of Utility Services
Date: _____

By:  _____
Contractor: Spencer Weiner
Centerline, Inc.
Date: 06.30.23