

18. Approve Change Order #2 to CC-1204-03/BJC – NW Service Area Flow Meter Replacement with Interstate Engineering Corp., Boca Raton (\$6,733.92 + 52 days).

CC-1204-03/BJC provides for all labor, materials, equipment, coordination, transportation and incidentals necessary for the replacement of thirteen (13) existing raw and finished water flow meters at three (3) existing water treatment plants in Seminole County's Northwest Service Area. Change Order #2 will provide for piping changes required when pipe sizes were not as expected. Additional time is also required to complete installation of the water level transmitters the Board authorized on Change Order #1. In total, an additional 52 calendar days are necessary for the completion of this project.

The following is a summary of the cost of the contract:

Original Contract Sum	\$289,000.00
Add Change Order #1	51,802.59
Add Change Order #2	<u>6,733.92</u>
Revised Contract Sum	\$347,536.51

Funds are available in account number 087801-56065000 (Water and Sewer, Construction in Progress), CIP #DF85241X. Environmental Services/Utilities Division and Fiscal Services/Purchasing and Contracts Division recommend that the Board approve and authorize the County Manager to execute Change Order #2.

**SEMINOLE COUNTY, FLORIDA
CHANGE ORDER FOR CONSTRUCTION PROJECTS**

**PURCHASING DIVISION
(407) 321-1130**

**1101 E. First Street
Sanford, FL 32771**

CONTRACT NO: CC-1204-03/BJC INITIATION DATE: 12/17/03 ORIGINAL CONTRACT DATE: 05/12/03
 CHANGE ORDER NO: 2 ACCOUNT NO: _____ ARCH/ENG PROJECT: 07-1197.03
 CONTRACT FOR: Interstate Engineering Corp.

YOU ARE REQUESTED TO MAKE THE FOLLOWING CHANGE(S) IN THIS CONTRACT:

- Item 1: Addition of two 12"x10" reducer bends for finished water line at Lake Monroe WTP.
- Item 2: Addition of two 8"x6" reducer fittings for finished water line at Hanover Woods WTP.
- Item 3: Addition of flange fillers and re-alignment work for finished water line at Heathrow WTP.
- Item 4: Increase Contract time to allow for order and receipt of level transmitters included in Change Order 1.

REASON FOR CHANGE(S):

- Item 1: The two reducer bends are needed to increase finish water line from 10" to 12" in order to connect to the 12" flow meter being supplied. During design, the buried FW line was thought to be 12".
- Item 2: The two reducer bends are needed to increase finish water line from 6" to 8" in order to connect to the 8" flow meter being supplied. During design, the buried FW line was thought to be 8".
- Item 3: Flange fillers and re-alignment work needed to install new finished water flow meter in an existing vault. Existing piping used flange adapters to make up for non-aligned piping.
- Item 4: Level transmitters included in Change Order 1 were not ordered until the change order was officially approved in late February.

ORIGINAL CONTRACT SUM:	\$ <u>289,000.00</u>
CONTRACT SUM PRIOR TO THIS CHANGE ORDER	\$ <u>340,802.59</u>
CHANGE ORDER (increase) (decreased) (<u>unchanged</u>)	\$ <u>6,733.92</u>
NEW CONTRACT SUM INCLUDING THIS CHANGE ORDER WILL BE	\$ <u>347,536.51</u>

CONTRACT TIME WILL BE (increased) (~~decreased~~) (unchanged)
 BY CALENDAR DAYS NO CALENDAR DAYS 52
 FINAL COMPLETION DATE THROUGH THIS CHANGE ORDER..... 04/19/04
 (substantial completion changed to 04/09/04)

WAIVER This Change Order constitutes full and mutual accord and satisfaction for the adjustment of Contract Price and Time as a result of increases or decreases in costs and time of performance caused directly and indirectly from the change. Acceptance of this Waiver constitutes an agreement between COUNTY and CONTRACTOR that the Change Order represents and equitable adjustment to the Agreement and that CONTRACTOR shall waive all rights to file a Contract Claim or claim of any nature on this Change Order. Execution of this Change Order shall constitute CONTRACTOR's completion acceptance and satisfaction that it is entitled to no more costs or time (direct, indirect, impact, etc.) pursuant to this Change Order.

ACKNOWLEDGEMENTS The aforementioned change, and work affected thereby, is subject to all provisions of the original Agreement not specifically changed by this Change Order; and it is expressly understood and agreed that the approval of the Change Order shall have no effect on the original agreement other than matters expressly provided herein.

NOT VALID UNTIL SIGNED BY OWNER, ARCHITECT/ENGINEER AND CONTRACTOR

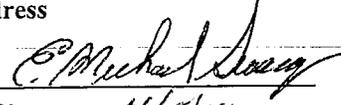
Tom Owens
PROJECT MANAGER
Utilities Division
DEPT/DIV.

PBS&J
ARCHITECT/ENGINEER
Winter Park, Florida
Address

Interstate Engineering Corp.
CONTRACTOR (Seal)
Salem, Mass.
Address

By: _____
Date: _____

By: 
Date: 04/02/04

By: 
Date: 4/5/04

Approved as to form & legal sufficiency:

County Attorney

Date

SEMINOLE COUNTY BOARD
OF COUNTY COMMISSIONERS

CLERK OF THE CIRCUIT
ATTEST:

Chairman

BCC APPROVAL DATE: _____

DATE: _____



INTERSTATE

ENGINEERING CORP

February 27, 2004

PBS&J
482 South Keller Road
Orlando, FL 32810

Attn: Daniel Schmidt

Re: Seminole County Northwest Service Area
Flow Meter Replacement Project

Dear Dan;

Interstate Engineering Corp. uncovered several hidden items that needed corrections in order to proceed with the contract work. IEC notified PBS&J and proceeded with their directed changes as noted.

- 1.) Piping changes at Lake Monroe
- 2.) Piping changes at Hanover Woods
- 3.) Piping, Hanger, Concrete, and Miscellaneous changes at Heathrow

The corrections were completed and Interstate Engineering Corp. is requesting a change order number for this work. Please call if you have any questions or need further clarification.

Quotes

Lake Monroe

Materials

Ductile Pipe & Fitting	\$1,519.72	
12"/10" Material		
Sales Tax	<u>\$ 113.98</u>	
Total Materials	\$1,633.70 x 1.15 =	\$1,878.76

Labor

Superintendent 8 hrs. @ \$46.09/hr.	\$ 368.56	
Pipe Fitter 8 hrs. @ \$29.75/hr.	<u>238.00</u>	
Total Labor	\$ 606.56 x 1.15 =	\$ 697.54
Small Tools 2% Labor	\$ 13.95	<u>\$ 16.04</u>
Total Lake Monroe		\$2,592.34



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Hanover Woods

Materials

Ductile Iron Pipe & Fitting	\$ 457.84
Sales Tax	<u>34.34</u>
Total Material	\$ 492.18 x 1.15 = \$ 566.00

Labor

Superintendent 2.5 hrs. @ \$ 46.07/hr.	\$ 115.18
Pipe Fitter 2.5 hrs. @ \$ 29.75/hr.	<u>74.38</u>
Total Labor	\$ 189.56 x 1.15 = \$ 217.99
Small Tools 2% Labor	\$ 4.36 x 1.15 = \$ <u>5.01</u>
Total Hanover Wood	\$ 789.00

Heathrow

Materials

Ductile Iron Pipe	\$1,086.16
Hanger Support	270.00
Sales Tax	<u>101.71</u>
Total Materials	\$ 1,457.87 x 1.15 = \$ 1,676.55

Labor

Superintendent 16 hrs. @ \$ 46.07/hr.	\$ 737.12
Pipe Fitter 16 hrs. @ \$ 29.75/hr.	<u>\$ 476.00</u>
Total Labor	\$ 1,213.12 x 1.15 = \$ 1,395.09
Concrete Subcontractor	\$ 237.00 x 1.05 = \$ 248.85
Small Tools 2% Labor	27.90 x 1.15 = \$ <u>32.09</u>
Total Heathrow	\$ 3,352.58

Grand Total

\$6,733.92

Total change requested to correct hidden conditions at the Northwest Service Area Sites is \$6,733.92.

Sincerely,

E. Michael Sweeney
Project Manager