



ECLEG MAY24'11 AM10:34

COUNTY OF ERIE

CHRIS COLLINS
COUNTY EXECUTIVE

EE

May 6, 2011

The Honorable
Erie County Legislature
92 Franklin Street – Fourth Floor
Buffalo, New York 14202

**RE: Erie County Sewer District No. 2
Contract 79A– Change Order No. 1**

Honorable Members:

Enclosed please find a memorandum from the Department of Environment and Planning pertaining to Change Order No. 1 for the Erie County Sewer District No. 2, Contract 79A, Lake Street and Point Breeze Pumping Stations Project.

Should your honorable body require further information, I encourage you to contact the Department of Environment and Planning. Thank you for your consideration on this matter.

Sincerely,

CHRIS COLLINS
Erie County Executive

11E-11

MEMORANDUM

To: Honorable Members of the Erie County Legislature
From: Department of Environment and Planning
Re: Erie County Sewer District No. 2
Contract 79A – Change Order No. 1
Date: May 6, 2011

SUMMARY

Your Honorable Body is requested to receive and file this communication pertaining to Change Order No. 1 to Contract 79A, Lake Street and Point Breeze Pumping Station Project in Erie County Sewer District No. 2.

FISCAL IMPLICATIONS

There are no fiscal implications to the County's General Fund. The \$44,421.96 for this Change Order will be paid from Erie County Sewer District No. 2 Sewer Capital Fund No. C.00004.

REASONS FOR RECOMMENDATION

Additional work outside of the scope of the contract is necessary for the successful completion of the project. The attached receive and file change order will compensate the contractor for the cost to perform the additional work.

BACKGROUND INFORMATION

Your Honorable Body in Legislative Communication 11E-7(2009) approved the award of Contract 79A for the General Mechanical work associated with rehabilitation of the Lake Street and Point Breeze Pumping Station in the Town of Evans in Erie County Sewer District No. 2. During the course of the construction the following extra work items were necessary for the successful completion of the contract and proper operation of the new facilities.

- Modification of Pump Control Equipment
- Modifications of flow Diversion Chamber Control Equipment
- Modifications of the flow Diversion Chamber Grating
- Installation of Scum Battle for Chlorine Contact Tank
- Wood Substrate for roofing at Pumping Stations

CONSEQUENCES OF NEGATIVE ACTION

This is a receive and file item.

STEPS FOLLOWING APPROVAL

This is a receive and file item.

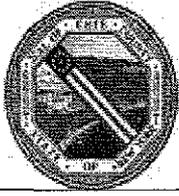
COMPTROLLER'S OFFICE REVIEW

The proposed legislation has been reviewed by the Comptroller's Office and is related to an authorized capital project for which there are sufficient capital appropriations for the action proposed.

Signed Lorne H. Steinhart Date 5/16/2011
Title Lorne Steinhart
Deputy Comptroller

ok

JH
JEFFREY HART
Deputy County Executive



DEPARTMENT OF ENVIRONMENT AND PLANNING
DIVISION OF SEWERAGE MANAGEMENT
CONSTRUCTION CONTRACT CHANGE FORM

Date: May 6, 2011

Change Order No. 1 Amount \$44,421.96 Bond Account C.00004

Contract No. 79A File No. 2.3.3.79A

Project Lake St. and Pt. Breeze Pumping Station Project

Contractor's Name L.P. Ciminelli Construction Corporation

Contractor's Address 2421 Main St. Buffalo, NY 14214

Description of Change to Contract:

- | | |
|---|--------------|
| 1. Provide and install additional pump control equipment | \$11,431.96 |
| 2. Provide and install scum baffle for ORF, Chlorine Contact Tank | \$ 4,580.00 |
| 3. Provide and install wood substrate for roofs. | \$12,298.00 |
| 4. Provide structural support for Flow Diversion Chamber (FDC) Grating. | \$ 930.00 |
| 5. Modify Flow Diversion Chamber (FDC) Grating. | \$ 699.00 |
| 6. FDC Control Panel Modifications. | \$ 10,947.00 |
| 7. Radio Path study for FDC Controls. | \$ 2,209.00 |
| 8. FDC Control Panel Alarm Modifications. | \$ 627.00 |

Reason for Modification:

1. Provide and install additional pump control equipment.

The pump control panels specified only provided for basic operation of the main wastewater pumps at the stations. The pump controls were modified to allow for touch screen operation, monitoring, and control of the main wastewater pumps. (See exhibit 1)

2. Provide and install scum baffle for ORF, Chlorine Contact Tank (CCT).

The New York State Department of Environmental Conservation (NYSDEC) required a scum baffle be installed in the ORF Chlorine Contact Tank as part of the project. (See exhibit 2)

3. Provide and install wood substrate for roofs.

In order to guarantee the metal roof, at the pump stations the roof manufacturer required that the metal roof be installed over a wood substrate. (See exhibit 3)

4. Provide structural support for Flow Diversion Chamber Grating.

A structural support beam for the grating on top of the Flow Diversion Chamber was modified to make the beam removable to better facilitate cleaning of the chamber. (See exhibit 4)

5. Modify Flow Diversion Chamber (FDC) Grating.

Large sections of grating on top of the Flow Diversion Chamber were split and attached to the chamber with hinges to make them easier to handle when the chamber is cleaned. (See exhibit 5)

6. Flow Diversion Chamber Control Panel Modifications.

The controls specified do not provide for monitoring and incremental control of the flow from the Lake St. Pump Station. The Flow Diversion Chamber (FDC) controls were modified to operate the flow diversion valve incrementally and to monitor the position of the bypass valve and the Main Waste Water Treatment Plant wet well depth. Modifications will enable the WWTP operator to maximize flows to the WWTP before diverting flows to the ORF. (See exhibit 6)

7. Radio Path study for Flow Diversion Chamber Controls.

In conjunction with the Flow Diversion Chamber control panel modifications, the contractor performed a radio path study between the Lake St. Pump Station and the Waste Water Treatment Plant to determine if an alternate method to send information from Lake St. to the WWTP could be utilized (high band radio) for FDC control. (See exhibit 7)

8. Flow Diversion Chamber Alarm modifications.

The FDC control panel was modified to include a visual and audible alarm to signal failure of the FDC control panel. The additional alarm was requested by the NYSDEC. (See exhibit 8)

Time Extension:

There is no extension of contract time associated with this Change Order.

Indirect Costs:

There are no indirect costs associated with this Change Order.

Additional Engineering Costs:

There are no additional engineering costs associated with this Change Order.

Payment:

Contingency allowance item A17 is being increased \$44,421.96 for this work.

Contract Cost Summary:

Original Contract	\$ 5,533,000.00
Change Order No.1	\$ <u>44,421.96</u>
Revised Total Contract	\$5,577,421.96

Authorization:

Contractor _____ Date _____
Dar Almeter – L.P. Ciminelli Construction Corp.

Engineer _____ Date _____
Jeffery Burroughs, P.E. – URS Engineering

County of Erie _____ Date _____
Joseph Fiegl, P.E. – Deputy Commissioner

Erie County Legislature: Receive & File Comm # _____ Date _____

Erie County Sewer District No 2 Board of Managers: Receive & File Date __