

CHANGE ORDER #2 AUTHORIZATION
for
Lake County Projects

Contract Number: PW 2006.061
Purchase Order 904265

Date: July 1, 2011

Project Portwine Forcemain and Lift Station Improvements Phase 2
Original Contract Amount with Change Order #1 \$207,752.65

This Change Order authorizes:

An increase in the cost of the contract by **\$79,446**

Revised Contract Amount \$ 287,198.65

The circumstances said to necessitate the change in the Engineering Contract scope are as follows:

A relocation and redesign of the forcemain has been determined to be necessary due to unanticipated easement, construction and impact fee requirements of the Forest Preserve District. The acquisition of the abandoned 42" North Shore Sanitary District forcemain provided a cost efficient alternative route which will result in the estimated savings with the redesign of between \$481,000 and \$1,188,000.

The specific tasks to be accomplished under this Change Order are as described on Applied Technologies' April 27, 2011 Engineering Budget attached.

FROM:

Peter E. Kolb , Superintendent

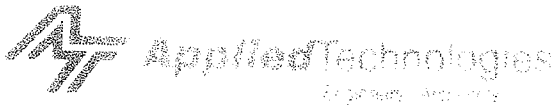
_____ Date

Chair _____

Chair

Public Works and Transportation Committee

Financial and Administration Committee



April 27, 2011

Mr. Art Malm, P. E.
Lake County Department of Public Works
650 West Winchester Road
Libertyville, Illinois 60048

Subject: Portwine Force Main
Engineering Budget

Dear Art:

The route for the Portwine parallel force main has been changed from the Central Route through the Forest Preserve to the Southern Route through the Riverwalk Drive area. This change in route will require additional engineering effort, including additional field surveys as well as changes to most of the engineering drawings.

The attached spread sheet identifies the changes and the cost for each of the changes. The total amount of the additional costs, including work by Applied Technologies as well as work by our subconsultants, is \$79,446.00. We respectfully request an increase in the project budget in that amount.

Please call with any questions. Thank you for your consideration in this matter.

Sincerely,

Applied Technologies, Inc.

A handwritten signature in black ink, appearing to read 'Frank Tiefert', written in a cursive style.

Frank Tiefert, P.E.
Vice President

ENGINEERING LEVEL OF EFFORT AND COSTS
DESIGN CHANGES TO THE PORTWINE PARALLEL FORCE MAIN
CHANGE TO SOUTHERN ROUTE
LAKE COUNTY PUBLIC WORKS DEPARTMENT
 April 27, 2011

NO.	TASK/ACTIVITY	PROJECT MANAGER	QUALITY CONTROL	PROJECT ENGINEERS	TECH	CLERICAL	LABOR HOURS	LABOR COST	EXPENSES and SUB-CONSULTANTS	TOTAL COST
1	Project Management	48	8	8						
2	Site visit					24	80	\$9,168	\$500	\$9,668
3	Drawing 10-G-1: Minor revisions	8		8			16	\$1,792		\$1,792
4	Drawings 10-G-2 and 10-G-3: No changes				2		2	\$160		\$160
5	Drawing 10-G-4: Revise general notes			2			0	\$0		\$0
6	Drawing 20-C-1: Revise Key Plan			2			4	\$332		\$332
7	Drawing 20-C-1 through 20-C-4: No changes			4			4	\$320		\$320
8	Drawing 20-C-5: Revise drawing			0			0	\$0		\$0
9	Drawing 20-C-6 through 20-C-13: Replace with new drawings	12		6	12		20	\$1,648		\$1,648
10	Drawing 20-C-13A: New drawing	1		128	192		332	\$28,024		\$28,024
11	Drawing 20-C-14: Minor revisions, change stationing			16	24		41	\$3,434		\$3,434
12	Drawing 20-C-15 through 20-C-19: Change stationing			4	8		12	\$984		\$984
13	Drawing 20-C-20 and 20-C-21: Delete			5	10		15	\$1,230		\$1,230
14	Drawing 25-C-1: Revise erosion control plan			0			0	\$0		\$0
15	Drawing 25-C-2: Replace erosion control plan			8	12		20	\$1,648		\$1,648
16	Drawing 25-C-3: Major revisions to erosion control plan	1		16	24		41	\$3,434		\$3,434
17	Drawing 25-C-4: Change stationing			8	16		24	\$1,968		\$1,968
18	Drawing 25-C-5: Minor revisions			2	4		6	\$480		\$480
19	Drawing 25-C-6: No changes			0			0	\$0		\$0
20	Drawing 40-SM-1 and 40-SM-2: No changes			0			0	\$0		\$0
21	Drawing 99-C-1 and 99-C-2: Delete LCFPD details			0			0	\$0		\$0
22	Drawing 99-AS-1 and 99-AS-2: No changes			2			2	\$160		\$160
23	Topographic Field Survey						0	\$0		\$0
24	Wetlands and Tree Survey, Jurisdictional Determination	2		8			10	\$964	\$10,000	\$10,964
25	Phase 1 Archaeological Reconnaissance	2		8			10	\$964	\$2,500	\$3,464
26	Permits: IDNR ECCOAT, Historic IEPA, ICSMC, Cook County DOT, IDOT, Buffalo Grove	2		4			6	\$620	\$1,200	\$1,820
	LABOR HOURS	84	8	305	311	24	732			
	2010 Average Rates	\$138	\$138	\$86	\$86	\$80				
	TOTAL COST	\$11,692	\$1,104	\$26,230	\$24,940	\$1,440		\$85,246	\$14,200	\$79,446