

**Item #12:**  
**Village Trustee Wachs**  
Final Change Work Orders – IL 83 Water System



June 23, 2011

Mr. David Lothspeich  
Village Administrator  
Village of Long Grove  
3110 RFD, Old McHenry Road  
Long Grove, Illinois 60047

RE: Water System Improvements for IL 83 SSA  
ESI Project No. 09-325  
Letter of Substantial Completion

Dear Mr. Lothspeich:

Below is a description of two final change requests. One is from Concord and one has been requested by Swanson Water Treatment, Inc. Concord has no additional change requests and are in the final stages of completing their work.

#### CR. No. 30- Fire Alarm Revisions

This change request is for work outside that shown on the plans and specified in the specifications as originally bid. As the permit for the fire alarm system and sprinkler system must be applied for by the certified licensed fire alarm contractor. This has been confirmed with Mr. Walt Lovelady, the Fire Inspector for the Long Grove Fire Protection Department (LGFPD). During the plan review process items were added to these systems. Although the expense for the added items themselves are not being requested, the electrician responsible for bringing power to some of these items and the communication cable to the fire alarm panel is requesting additional funds. All work has been provided and the system has been approved by the LGFPD. The amount of the request for the materials and labor for this item is \$6,747.67.

#### CR. No. 31 – Battery Backup for Control Panel

It has been discovered that there is a nine second lapse of power to the plant from when the primary power is lost and the generator can begin supplying power. During this delay, the settings of the control panel are lost and the plant no longer will operate until the settings are reset. Swanson Water Treatment, Inc. is requesting that a battery backup be installed in the control panel to cover this time so the settings will remain as initially set and not go to default. This will be a time savings as an operator will not have to immediately come to the plant to reset the setting every lose of power. In addition, this is a fire protection issue as the wells are not able to operate in the default mode that means during a fire condition, only the water in the reservoir is available as a supply of water. The system is designed to have both wells available should the level in the reservoir reach a preset low level in the tank. This work has not yet been performed

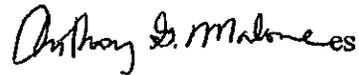
Mr. David Lothspeich  
Change Requests  
June 23, 2011  
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until approval is given by the Board. The amount of this request for materials and labor is \$1,966.67.

If these two requests are approved by the Board, I will add them to the change request items approved at the last meeting and prepare a final change order in the amount of a credit of \$31,905.28 below the original contract amount.

Should you have any questions, please call me.

Sincerely,  
ESI Consultants, Ltd.

Handwritten signature of Anthony G. Malone in black ink.

Anthony G. Malone, P.E.  
Vice President

Enclosures

cc: Murney Swanson

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Village of Long Grove  
Water System Improvements for IL 83 SSA  
Contract Summary  
Prepared June 23, 2011

	<u>Amount</u>
Original Contract	\$ 2,874,200.00
Change Order No. 1	\$ (95,880.00)
Change Order No. 2	\$ 104,497.20
Change Order No. 3	\$ (2,952.02)
Change Order No. 4	\$ (5,665.18)
Change Order No. 5	\$ -
Change Order No. 6	\$ -
Proposed Change Order No. 7	\$ (31,905.28)
Revised Contract Amount	\$ 2,842,294.72
Change from Original Contract	\$ (31,905.28)
Payment Request No. 1	\$ 365,303.43
Payment Request No. 2	\$ 254,546.10
Payment Request No. 3	\$ 86,004.00
Payment Request No. 4	\$ 372,306.78
Payment Request No. 5	\$ 658,970.82
Payment Request No. 6	\$ 118,259.55
Payment Request No. 7	\$ 227,407.47
Payment Request No. 8	\$ 81,434.51
Payment Request No. 9	\$ 222,866.54
Payment Request No. 10	\$ 39,661.07
Payment Request No. 11	\$ 66,075.61
Payment Request No. 12	\$ <b>188,330.80</b>
<b>Payment Request No. 13 (July)</b>	<b>\$ 161,128.04</b>
Amount Paid to Date	\$ 2,842,294.72
Amount Remaining on Contract	\$ -



570 Oakwood Rd.  
Lake Zurich, IL 60047  
Telephone: (847) 438-9388  
Fax: (847) 438-9774  
www.concordway.com

May 6, 2011

ESI Consultants, Ltd.  
1979 N. Mill St.  
Suite 100  
Naperville, IL 60563  
Attn: Anthony G. Malone, P.E.

Re: Change Request #30 revised  
Fire Alarm Revisions

Dear Mr. Malone,

The fire alarm details in the bidding documents called for certain fire alarm equipment and functions, which we included in our bid. During the submittal review process with the Fire Protection District, more details became available and more alarm components and requirements were identified. Attached is an explanation of these additions. Please issue a change order in the amount of \$6,747.67 for these additions, broken down as follows:

Electrical Revisions (alarm wiring and components)	\$6,145.99
Electrical Revisions – additional dedicated outlet for ADT system	<u>\$235.69</u>
Subtotal	\$6,381.68
Performance and Payment Bond	\$44.67
OH&P (5%)	<u>\$321.32</u>
TOTAL	\$6,747.67

If you have any questions or need additional information, please call us at (847) 438-9388.

Sincerely,

A handwritten signature in black ink that reads 'Michael L. Henderson'. The signature is written in a cursive style and is followed by a horizontal line.

Michael L. Henderson

Cc: File



0N510 Herrick Drive  
Wheaton, IL 60187  
630 260-1636

# Job Work Order

To: Concord Construction Services

Phone:	Date of order:
Order Taken By:	Customer Order Number:
<input type="checkbox"/> DAY WORK <input type="checkbox"/> CONTRACT <input checked="" type="checkbox"/> EXTRA	
Job Name / Number: FIRE ALARM EXTRA WORK	
Job Location: Long Grove WTP	
Job Phone:	Starting Date

QTY.	MATERIAL	PRICE	AMOUNT	DESCRIPTION OF WORK			
3	IAM Modules	198	594.00	Install additional three tamper switches on separate zones. Install additional pressure switch. Wired air compressor. Installed an outside and inside bell. Made changes after devices were installed in accordance with the Fire Marshal instructions.			
70'	¾" Rigid (conduit for inside bell, outside bell, and compressor)	1.80	126.00				
6	1900 boxes (compressor, bells, three IAM modules)	2.27	13.62				
5	1900 blanks (see above)	1.06	5.30				
1	Garvin switch cover (compressor)	2.27	2.27				
20'	½" sealtight	7.22	144.40				
10	Sealtight connectors	3.48	34.80				
15	Back straps and one hole straps (conduit support for inside bell, outside bell, and compressor)	3.60	54.00				
200'	#14 solid (bells)	.099	19.80				
60'	2/c twisted FA cable	.58	34.80				
				OTHER CHARGES			
				TOTAL OTHER			
				LABOR	HRS	RATE	AMOUNT
<i>PLEASE NOTE: The labor listed is actual time spent on installing the extras, this is not an estimate.</i>				Jim	24	119	2,856.00
				Gary	16	119	1,904.00
				Steve	5	119	595.00
				Joe	1.5	119	178.50
				Rob	1.5	119	178.50
				TOTAL LABOR			5,117.00
				TOTAL MATERIALS			1,028.99
Date Completed:		TOTAL MATERIALS	1,028.99	TOTAL OTHER			
Work Ordered By:				<i>Thank You</i>		TAX	
Signature:						TOTAL	

I hereby acknowledge the satisfactory completion of the above described work.



0N510 Herrick Drive  
Wheaton, IL 60187  
630 260-1636

# Job Work Order

To: Concord Construction Services

Phone:	Date of order:
Order Taken By:	Customer Order Number:
<input type="checkbox"/> DAY WORK	<input type="checkbox"/> CONTRACT <input checked="" type="checkbox"/> EXTRA
Job Name / Number: <b>ADT Outlet</b>	
Job Location: <b>Long Grove WTP</b>	
Job Phone:	Starting Date:

QTY.	MATERIAL	PRICE	AMOUNT	DESCRIPTION OF WORK			
1	1900 Box	2.27	2.27	Installed an outlet for the ADT security system.			
1	Box Cover	2.27	2.27				
1	20A Receptacle	10.80	10.80				
20'	1/2" Wire	1.71	34.20				
2	Anchors	1.00	2.00				
1	3/4" case nipple	3.65	3.65		Installed inter connect per Fire Alarm to ADT		
2	3/4" locknuts	.50	1.00				
2	3/4" plastic bushings	.50	1.00				
OTHER CHARGES							
TOTAL OTHER							
				LABOR	HRS	RATE	AMOUNT
				Steve	65	119	178.50
				TOTAL LABOR			178.50
				TOTAL MATERIALS			57.19
Date Completed:	TOTAL MATERIALS		57.19	TOTAL OTHER			
Work Ordered By:				Thank You		TAX	
Signature:						TOTAL	

I hereby acknowledge the satisfactory completion of the above described work.



570 Oakwood Rd.  
Lake Zurich, IL 60047  
Telephone: (847) 438-9388  
Fax: (847) 438-9774  
www.concordway.com

May 18, 2011

ESI Consultants, Ltd.  
1979 N. Mill St.  
Suite 100  
Naperville, IL 60563  
Attn: Anthony G. Malone, P.E.

Re: Change Request #31  
UPS for control panel

Dear Mr. Malone,

We propose to furnish and install an uninterruptable power supply for the water treatment control panel for the sum of \$1,966.64, broken down as follows:

Layne Western - furnish and install	\$1,860.00
Performance and Payment Bond	\$13.02
OH&P (5%)	<u>\$93.65</u>
TOTAL	\$1,966.67

Please see the attached proposal from Layne-Western for details. If you have any questions or need additional information, please call us at (847) 438-9388.

Sincerely,

A handwritten signature in black ink that reads 'Michael L. Henderson' with a long horizontal flourish extending to the right.

Michael L. Henderson

Cc: File

# Layne-Western

a division of Layne Christensen Company

721 W. Illinois Avenue • Aurora, Illinois 60506 • Phone: 630-897-6941 • Fax: 630-897-6976

May 18, 2011

Mr. Mike Henderson  
Concord Construction Services, Inc.  
570 Oakwood Road  
Lake Zurich, IL 60047

**RE: Long Grove, IL Layne WTP UPS proposal**

Dear Mr. Henderson:

Layne-Western is pleased to present this proposal as requested for control panel wiring revisions to accommodate an uninterruptable power supply (UPS) for the referenced water treatment project. Layne can make program changes and test the output to the Layne PLC to facilitate this additional function. This scope involves wiring revisions and providing and installing a model TrippLite 700 VA UPS with 6 outlets (3 battery backup / 3 surge protected). This unit is rated to support a supply of 700VA for up to 17 minutes. We understand the purpose of this equipment is to buffer momentary power outages to allow water treatment equipment to remain in service mode for subsequent operation. Expected cost for this service is shown below.

1	Supply TrippLite UPS and necessary control panel wiring revisions	\$1860.00
2	<b>Total: QUOTE</b>	\$1860.00

Thank you for the opportunity to provide these additional services to Concord and we look forward to working with you now and in the future to improve the water source and quality provided to your customer projects. If you desire to proceed, please sign and return a copy of this letter as your authorization to proceed with program design changes. If you have any questions regarding this proposal, please do not hesitate to contact us at your earliest convenience.

Respectfully,

LAYNE-WESTERN  
*a division of Layne Christensen Company*

Mike Piercy, P.E.  
Project Manager  
(630) 897-6941

Authorization to Proceed

\_\_\_\_\_  
Concord Construction Services

\_\_\_\_\_  
Date

