

VILLAGE OF LOMBARD CHANGE ORDER

PROJECT NAME: South Booster Station PROJECT NO.: WA-07-01B

LOCATION: 14th Street CHANGE ORDER: 3

CONTRACTOR: Genco Industries, Inc. DATE: 1/13/2010

DESCRIPTION OF CHANGE ORDER: Extension of contract time for completion, and final balancing of construction costs associate with project modifications and liquidated damages.

ORIGINAL CONTRACT AMOUNT:		[1] <u>\$1,214,905.00</u>
TOTAL OF PREVIOUS AUTHORIZED CHANGE ORDERS:		[2] <u>\$24,159.75</u>
CURRENT CONTRACT AMOUNT: ((1)+[2])		[3] <u>\$1,239,064.75</u>
PROPOSED CHANGE ORDER: (PENDING APPROVAL)		[4] <u>(\$5,799.43)</u>
PROPOSED REVISED CONTRACT AMOUNT: (PENDING APPROVAL) ((3)+[4])		[5] <u>\$1,233,265.32</u>

NET OF ALL CHANGE ORDERS: (PENDING APPROVAL) ((2)+[4])		<u>\$18,360.32</u>
TIME EXTENSION OR REDUCTION:		<u>74 days</u>
TOTAL CONTRACT TIME: (PENDING APPROVAL)		<u>504 days</u>
BUDGET ESTIMATE:		<u>\$1,476,100.00</u>
ENGINEER'S ESTIMATE:		<u>\$1,559,085.00</u>

RECOMMENDED FOR ACCEPTANCE :

Jay Dahlberg 01/14/10
Resident Engineer Date

Approved By: Timothy Sexton 2/15/10
Director of Finance Date

Mark Luby 1/15/10
Contractor Date

Approved By: Dahlberg _____
(<\$20K or 25%) Village Manager Date

David A. Deane 1/15/2010
Village Engineer Date

Approved By: William J. Mueller 2/12/10
(>\$20K or 25%) Village President Date

[Signature] 1/18/2010
Director of Public Works Date

Attest: Barbara A. Johnson 2/16/10
Deputy Village Clerk Date

[Signature] 1/25/10
Asst. Director of Finance Date

It is understood that as part of this change order that the Contractor agrees that all bonds, permits, insurance and guarantees are hereby extended to incorporate this Change Order.

South Booster Station

C.O. # 3

1/13/2010

	No.	Item	Current Quantity	Unit	Unit Price	Revised Quantity	DIFFERENCES		Description
							Quantity	Price	
25200700	1	Seeding, Special	1950.0	SY	\$7.30	0.00	1,950.00	(\$14,235.00)	Unused quantity.
2520020	2	Supplemental Watering	15.0	Unit	\$100.00	0.00	15.00	(\$1,500.00)	Unused quantity.
28000400	3	Perimeter Erosion Barrier	230.0	LF	\$6.00	175.00	55.00	(\$330.00)	Unused quantity.
42400430	5	Portland Cement Concrete Sidewalk, 5-in, Special (Remove and Replace)	620.0	SF	\$14.75	451.00	169.00	(\$2,492.75)	Unused quantity.
Z0004600	6	Bit. Driveway Pavt.	380.0	SY	\$26.50	53.00	327.00	(\$8,665.50)	Unused quantity.
08100/01	11	Doors	1.0	LS	\$25,000.00	1.28	0.28	\$6,950.00	Addition of Two interior doors with Panic Hardware
N/A	26	Sod, Topsoil, and Watering	0.0	SY	\$15.50	598.00	598.00	\$9,269.00	Addition of sod, topsoil and watering
N/A	27	Portland Cement Concrete Driveway, 8-in, Special (Non-Residential)	0.0	SF	\$12.48	726.00	726.00	\$9,060.48	Addition of 8-in Portland Cement Concrete Driveway
N/A	28	Liquidated Damages	0.0	LS	(\$3,855.66)	1.00	1.00	(\$3,855.66)	Resident Engineering Costs incurred due to Motor #2/Contract Time

TOTAL AMOUNT= (\$5,799.43)



Interoffice Memo

To: David A. Hulseberg, AICP, ICMA-CM
Through: Carl Goldsmith, Director of Public Works *CG*
From: David A. Dratnol, P.E., Village Engineer *DA*
Date: January 13, 2010
Subject: South Booster Station Project; Change Order No. 3 – Final Balancing of Quantities, Additional Building/Restoration Improvements, and Liquidated Damages.

Attached please find Change Order No. 3 for this project representing an increase of seventy-four (74) days to the contract completion date and a decrease of \$5,799.43 to the contract amount. This change order represents construction time lost for the manufacturing of safety doors, upgrading property restoration materials, adjusting contract quantities for completed items, and liquidated damages for reimbursement of Resident Engineering costs.

Contract Time Adjustment and Liquidated Damages

On September 8, 2009, an inspection of the building revealed the need for panic hardware to be placed on two internal doors. After extensive research, it was determined the existing doors were unable to be modified and new doors were required. The ordering, manufacturing, transporting, and installation of the appropriate equipment required a total of seventy-four (74) calendar days, which is being requested as a contract time extension. If approved, the contract final completion date would be extended to November 15, 2009.

However, the project was not completed until December 31, 2009. The time taken to complete the project after the proposed November 15, 2009 contract deadline was caused by a failure of a pump motor during testing procedures. A new motor was provided and has since passed all testing requirements, but caused additional and unnecessary Resident Engineering costs that would not have been realized had the motor been properly manufactured or installed. Specific additional costs include investigating motor failure causes, observing motor re-installation and re-testing, and coordinating programming. It also includes all construction observations and reports for the project conducted after the contract final completion date that were not affiliated with the development of Record Drawings. These costs have been assessed at \$3,855.66 and are being requested as liquidated damages.

Contract Cost Adjustment

The following table provides a detailed description of the project modifications and their associated costs. These changes represent the addition of two new interior doors as previously described, upgrading the driveway from asphalt to concrete and the yard from seed to sod, and removal of remaining unused quantities. The contract adjustment also includes reimbursement of the aforementioned liquidated damages for Resident Engineering services.

Adjustment Item	Amount
Two Interior Doors with Panic Hardware	\$6,950.00
Seeding, Special	(\$14,235.00)
Supplemental Watering	(\$1,500.00)
Sod, Topsoil, and Watering	\$9,269.00
Bit. Driveway Pavement	(\$8,665.50)
Portland Cement Concrete Driveway, 8-in, Special (Non-Residential)	\$9,060.48
Portland Cement Concrete Sidewalk, 5-in, Special (Remove and Replace)	(\$2,492.75)
Perimeter Erosion Barrier	(\$330.00)
Liquidated Damages	(\$3,855.66)
TOTAL CHANGE ORDER AMOUNT	(\$5,799.43)

These items will be reviewed for recommendation to the Village Board by the Public Works Committee at their January 28, 2010 meeting. If recommended for approval by the Public Works Committee, please present this change order to the President and Board of Trustees for approval at the February 4, 2010 meeting. Upon approval, please return two (2) signed copies to Public Works Engineering for further processing and send one (1) copy to Records.

cc: Public Works Committee
 File: WA-07-01B