

VILLAGE OF LOMBARD
REQUEST FOR BOARD OF TRUSTEES ACTION
For Inclusion on Board Agenda

 X Resolution or Ordinance (Blue) _____ Waiver of First Requested

Recommendations of Boards, Commissions & Committees (Green)
Other Business (Pink)

TO: PRESIDENT AND BOARD OF TRUSTEES

FROM: David A. Hulseberg – Village Manager

DATE: November 2, 2010 (B of T) Date: November 18, 2010

TITLE: St. Charles Watermain Replacement
Change Order No. 2 – Final Balance of Unused Quantities, Necessary Additional
Work.

SUBMITTED BY: David A. Dratnol, P.E., Village Engineer

BACKGROUND/POLICY IMPLICATIONS:

Requesting final-project adjustments to the construction contract, which includes fire hydrant adjustment and extensions, installation of a 12” watermain line stop to connect to the existing valve vault due to existing pipe conditions, a field modification to the designed traffic control plan, and placement of temporary pavement markings for the public safety between projects on St. Charles Road, and balancing of quantities to date, resulting in an increase in the total contract amount by \$18,667.20.

FISCAL IMPACT/FUNDING SOURCE:

THIS CHANGE ORDER: \$18,667.20 INCREASE

TOTAL REVISED CONTRACT: \$354,600.20

P.O. No.: 065397

HTE Project No.: 1022

Public Works Project Number: WA-10-01

Review (as necessary):

Village Attorney X _____	Date _____
Finance Director X _____	Date _____
Village Manager X _____	Date _____

NOTE: All materials must be submitted to and approved by the Village Manager's Office by 12:00 noon, Wednesday, prior to the Agenda Distribution.



Interoffice Memo

To: David A. Hulseberg, AICP, ICMA-CM
Through: Carl Goldsmith, Director of Public Works *cy*
From: David A. Dratnol, P.E., Village Engineer
Date: November 2, 2010
Subject: St. Charles Road Water Main Replacement Project; Change Order No. 2 – Final Balancing of Quantities, Additional Improvements.

Attached please find Change Order No. 2 for this project representing fire (5) hydrant adjustment and extensions, installation of a 12" watermain line stop to connect to the existing valve vault due to deteriorated existing pipe conditions, a field modification to the designed traffic control plan, placement of temporary pavement markings for the public safety between projects on St. Charles Road, and balancing of quantities to date, resulting in an increase in the total contract amount by \$18,667.20.

Contract Cost Adjustment

The following table describes the project modifications and their associated costs.

Adjustment Items	Amount
Unused Quantities as Measured in the Field	(\$67,163.90)
Additional Quantities as Measured in the Field	\$65,173.75
Rotate Fire Hydrant Tee for field height Adjustment	\$784.46
Fire Hydrant Extensions for field height Adjustment	\$3,000.00
In-Line Valve Added to Connect Watermain due to poor pipe conditions	\$14,309.39
Field Modification to the Traffic Control/Detour Route	\$1,400.00
Pavement Striping for Traffic Control between Projects due to Strike	\$1,163.50
TOTAL CHANGE ORDER AMOUNT	\$18,667.20

These items will be reviewed for recommendation to the Village Board by the Public Works Committee at their November 9, 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 November 18, 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

RESOLUTION
R _____ 11

A RESOLUTION AUTHORIZING A CHANGE ORDER
INVOLVING AN INCREASE IN THE DOLLAR AMOUNT OF THE CONTRACT OF
\$10,000 OR MORE

WHEREAS, pursuant to Illinois Compiled Statutes, Chapter 720, Section 5/33E-9, units of local government are required to make specific findings prior to authorizing any change order relative to a contract which would increase or decrease the dollar amount of the contract by \$10,000 or more, or would extend or shorten the time in which the contract is to be completed by thirty days or more; and

WHEREAS, staff has presented and recommended the proposed Change Order No. 2 to the contract between the Village of Lombard and A Lamp Contractors, Inc. regarding the St. Charles Watermain Replacement project, as attached hereto as Exhibit "A" and made part hereof, to the Corporate Authorities of the Village of Lombard; and

WHEREAS, said Change Order No. 2 attached hereto as Exhibit "A" would increase the dollar amount of the contract by \$18,667.20; and

WHEREAS, said Change Order No. 2 combined with previously approved Change Order No. 1, would result in a total contract increase in the dollar amount of the original contract by \$42,137.20.

NOW, THEREFORE, BE IT RESOLVED BY THE PRESIDENT AND BOARD OF TRUSTEES OF THE VILLAGE OF LOMBARD, DU PAGE COUNTY, ILLINOIS, as follows:

SECTION 1: That after reviewing the explanation of staff as to the necessity of and reasons for the change order attached hereto as Exhibit "A", the President and Board of Trustees find as follows:

- A That the circumstances which necessitated said change order were not reasonably foreseeable at the time the contract was entered into.
- B. That the basis of the change order was not within the contemplation of the contract when the contract was signed.
- C. That it is in the best interests of the Village of Lombard to approve the change order in its proposed form.
- D. That to the extent that it may have been necessary to go to bid relative to the work contemplated by said change order, bidding is hereby specifically waived as to the change order work.

SECTION 2: That having made the findings set forth in Section 1 above, the President and Board of Trustees hereby approve the change order attached hereto as Exhibit "A", and direct and authorize the Village President and Village Clerk to execute said change order on behalf of the Village.

Adopted this _____ day of _____, 2010.

Ayes: _____

Nays: _____

Absent: _____

Approved this _____ day of _____, 2010.

William J. Mueller
Village President

ATTEST:

Brigitte O'Brien
Village Clerk

APPROVAL AS TO FORM:

Thomas P. Bayer
Village Attorney

VILLAGE OF LOMBARD CHANGE ORDER

PROJECT NAME: St. Charles Watermain Replacement PROJECT NO.: WA-10-01

LOCATION: St. Charles Road between Elizabeth and Lincoln CHANGE ORDER: 2

CONTRACTOR: A Lamp Concrete DATE: 11/2/2010

DESCRIPTION OF CHANGE ORDER: Final balancing of quantities and field adjustments.

ORIGINAL CONTRACT AMOUNT:	[1]	<u>\$312,463.00</u>
TOTAL OF PREVIOUS AUTHORIZED CHANGE ORDERS:	[2]	<u>\$23,470.00</u>
CURRENT CONTRACT AMOUNT: ([1]+[2])	[3]	<u>\$335,933.00</u>
PROPOSED CHANGE ORDER: (PENDING APPROVAL)	[4]	<u>\$18,667.20</u>
PROPOSED REVISED CONTRACT AMOUNT: (PENDING APPROVAL) ([3]+[4])	[5]	<u>\$354,600.20</u>

NET OF ALL CHANGE ORDERS: (PENDING APPROVAL) ([2]+[4]) \$42,137.20

TIME EXTENSION OR REDUCTION: 0 days

TOTAL CONTRACT TIME: (PENDING APPROVAL) 55 days

BUDGET ESTIMATE: \$375,000.00

ENGINEER'S ESTIMATE: \$324,925.00

RECOMMENDED FOR ACCEPTANCE :

Ken Krich 11-2-10 Date Approved By: _____ Date
Resident Engineer Director of Finance

Mark G... 11-2-10 Date Approved By: _____ Date
Contractor (<\$20K or 25%) Village Manager

Village Engineer Date Approved By: _____ Date
(>\$20K or 25%) Village President

Director of Public Works Date Attest: _____ Date
Deputy Village Clerk

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.

Coded Pay Item No.	Item No.	Item	Orig. Quan.	Unit	Add or Deduct	Revised Quan.	Unit Price	Total Amount Added	Total Amount Deducted	Description
42400500	5	PORTLAND CONCRETE SIDEWALK, SPECIAL	300.0	SF	(104.5)	195.5	\$8.00	\$0.00	(\$836.00)	Unused Quantity
44000500	6	COMBINATION CURB AND GUTTER REMOVAL	150.0	FT	(2.0)	148.0	\$4.00	\$0.00	(\$6.00)	Unused Quantity
44000600	7	SIDEWALK REMOVAL	300.0	SF	34.5	334.5	\$2.00	\$69.00	\$0.00	Field Measured Quantity
44201759	8	CLASS D PATCHES, TYPE IV, 9 INCH	650.0	SY	(650.0)	0.0	\$55.00	\$0.00	(\$35,750.00)	Unused Quantity
44201796	9	CLASS D PATCHES, TYPE IV, 12 INCH	170.0	SY	753.3	923.3	\$70.00	\$64,631.00	\$0.00	Field Measured Quantity
44201833	10	CLASS D PATCHES, TYPE IV, 15 INCH	170.0	SY	(170.0)	0.0	\$80.00	\$0.00	(\$13,600.00)	Unused Quantity
56103100	12	DUCTILE IRON WATER MAIN 8"	80.0	FT	(36.0)	44.0	\$80.00	\$0.00	(\$2,880.00)	Unused Quantity
56103300	13	DUCTILE IRON WATER MAIN 12"	635.0	FT	(27.4)	607.6	\$90.00	\$0.00	(\$2,466.00)	Unused Quantity
56200700	16	WATER SERVICE LINES 2"	90.0	FT	1.0	91.0	\$30.00	\$0.00	\$0.00	Field Measured Quantity
56500700	19	DOMESTIC WATER SERVICE BOXES TO BE REMOVED	7.0	EA	(1.0)	6.0	\$100.00	\$0.00	(\$100.00)	Unused Quantity
56500800	20	DOMESTIC WATER SERVICE BOXES	2.0	EA	1.0	3.0	\$300.00	\$0.00	\$0.00	Field Measured Quantity
70300100	24	SHORT TERM PAVEMENT MARKINGS	50.0	FT	(50.0)	0.0	\$10.00	\$0.00	(\$500.00)	Unused Quantity
X0321317	25	TRENCH BACKFILL, SPECIAL	950.0	CY	(192.2)	757.8	\$25.00	\$0.00	(\$4,805.00)	Unused Quantity
X0323426	26	SEDIMENT CONTROL, DRAINAGE STRUCTURE INLET FILTER	26.0	EA	(11.0)	15.0	\$5.00	\$0.00	(\$55.00)	Unused Quantity
X0325560	27	SEDIMENT CONTROL, DRAINAGE STRUCTURE INLET FILTER	13.0	EA	(2.0)	11.0	\$50.00	\$0.00	(\$100.00)	Unused Quantity
XX001899	29	STORM SEWERS, TYPE 2 8" (FIELD TILE REPLACEMENT)	20.0	FT	(7.5)	12.5	\$50.00	\$0.00	(\$375.00)	Unused Quantity
XX001900	30	STORM SEWERS, TYPE 2 8" (FIELD TILE REPLACEMENT)	10.0	FT	(10.0)	0.0	\$55.00	\$0.00	(\$550.00)	Unused Quantity
XX005788	35	TEMPORARY PAVEMENT	50.0	TON	35.15	85.15	\$125.00	\$4,393.75	\$0.00	Field Measured Quantity
N.A.	37	STORM SEWER, WATER MAIN QUALITY PIPE 12"	148.0	FT	23.0	171.0	\$80.00	\$1,840.00	\$0.00	Field Measured Quantity
N.A.	38	STORM SEWER, WATER MAIN QUALITY PIPE 18"	20.0	FT	11.0	31.0	\$100.00	\$1,100.00	\$0.00	Field Measured Quantity
N.A.	39	COMBINATION CURB AND GUTTER, TYPE B-6.12	150.0	FT	(2.0)	148.0	\$20.00	\$0.00	(\$40.00)	Unused Quantity
N.A.	40	WATER MAIN FITTINGS*	3750.0	LBS	(956.2)	2,793.8	\$1.00	\$0.00	(\$956.20)	Unused Quantity
N.A.	42	WATER MAIN TRENCH MODIFICATION	100.0	CY	(60.2)	39.8	\$20.00	\$0.00	(\$1,204.00)	Unused Quantity
N.A.	43	BRICK PAVEMENT SIDEWALK REMOVAL AND REPLACEMENT	1000.0	SF	(221.7)	778.3	\$11.00	\$0.00	(\$2,438.70)	Unused Quantity
N.A.	44	DRAINAGE AND UTILITY STRUCTURES TO BE ADJUSTED	2.0	EA	2.0	4.0	\$300.00	\$600.00	\$0.00	Field Measured Quantity
N.A.	45	DRAINAGE AND UTILITY STRUCTURES TO BE RECONSTRUCTED	2.0	EA	3.0	5.0	\$1,200.00	\$3,600.00	\$0.00	Field Measured Quantity
N.A.	47	SANITARY SEWER SERVICE CONNECTION	20.0	FT	6.0	26.0	\$85.00	\$510.00	\$0.00	Field Measured Quantity
N.A.	48	SANITARY SEWER CLEAN OUT	1.0	EA	(1.0)	0.0	\$500.00	\$0.00	(\$500.00)	Unused Quantity
T&M #3	55	ROTATE FH TEE @ STA 32+00 - 5.27.10	0.0	LSUM	1.0	1.0	\$14,309.39	\$784.46	\$0.00	Field Adjustment to Fire Hydrant Elevation.
T&M #4	56	CONNECTION @ ST. CHARLES & LINCOLN - 6.28.10	0.0	LSUM	1.0	1.0	\$14,309.39	\$14,309.39	\$0.00	Emergency Valve and Connection due to poor existing pipe conditions.
T&M #5	57	DETOUR SWITCH PER VOL - 6.4.10	0.0	LSUM	1.0	1.0	\$1,400.00	\$1,400.00	\$0.00	Field Adjustment to Traffic Control/DeTour Route.
T&M #6	58	PAVEMENT MARKING RESTORATION - 7.29.10	0.0	LSUM	1.0	1.0	\$1,163.50	\$1,163.50	\$0.00	Additional striping for traffic control due to strike between projects.
AJP #5	59	FIRE HYDRANT EXTENSION, 12"	0.0	EA	2.0	2.0	\$1,500.00	\$3,000.00	\$0.00	Field Adjustment for Fire Hydrant Elevations.

*Note: The original contract quantity of 7750 LBS for item #40, Water Main Fittings, was reduced to 3750 LBS on C.O. #1

Total Amount of Change Order: \$18,667.20

\$85,931.10 (\$67,163.90)