

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

Resolution or Ordinance (Blue) _____
Recommendations of Boards, Commissions & Committees (Green) _____
Waiver of First Requested Other Business (Pink) _____

X

TO: PRESIDENT AND BOARD OF TRUSTEES

FROM: David A. Huliseberg, AICP, Village Manager *Dah*

DATE: May 28, 2009 (COW) (B of T) Date: June 4, 2009

TITLE: Special Assessment 217B
Change Order #1

SUBMITTED BY: David A. Dratmol, P.E., Village Engineer *Dave*

BACKGROUND/POLICY IMPLICATIONS:

Finalizing quantities of work to date and an increase to costs for the disposal of spoils related to sewer and roadway construction

FISCAL IMPACT/FUNDING SOURCE:

\$259,054.15 INCREASE
Project #: ST-09-01
SPS Project #: 0901
P.O. #: 062700

Review (as necessary):

Village Attorney X

Finance Director X

Village Manager *David A. Huliseberg*

Date _____
Date _____
Date *5/28/09*

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

Legistar 090326

DK

David Hulseberg, Village Manager
David A. Dramol, P.E., Village Engineer

Carl Goldsmith, Director of Public Works

May 28, 2009

Subject: Special Assessment 217B
Change Order #1

Attached, please find Change Order # 1 for this project in the amount of \$259,054.15. The change order represents quantity adjustments to the existing contract items and new pay items.

EXISTING PAY ITEMS:

1. **PAY ITEMS RELATED TO TREE REMOVAL:** Additional removal quantity was used to improve roadway sightlines and remove undesirable trees at or near the Village property line. Total cost of this work results in an increase of the contract amount by \$1,265.00 (pay items 1 & 2).
2. **PAY ITEMS RELATED TO TREE PROTECTION:** With additional tree removal, all the contract quantity for temporary fence, root and tree pruning were not needed. Total cost of this work results in a decrease of the contract amount by \$13,061.00 (pay items 3,4,5 & 6)
3. **PAY ITEMS RELATED TO ROADWAY EXCAVATION & CONSTRUCTION:** The excavated soil for both the roadway and underground utility construction was found to contain levels of compounds and metals not acceptable to the dump site. Quantities for current pay items associated with roadway construction need to be revised to account for the change in site conditions and to reflect the additional costs related to disposal, re-handling of material and additional cartage. Please refer to the new pay items section for additional information on the new unit prices associated with pay items 7, 8, 10 & 21. Total value of the unused pay item quantities results in a decrease to the contract amount by \$311,382.00 (pay items 7,8,10 & 21)

4. **PAY ITEMS RELATED TO UNDERGROUND UTILITY CONSTRUCTION:** Storm sewer work is substantially complete. Items of work categorized under this classification includes lowering of water services, trench backfill, exploratory trench, adjusting sanitary services and drainage structures to be reconstructed and water service line insulation. Quantities for the associated pay items are either forecasted or actual final field measured quantities. Total cost of this work results in a decrease of the contract amount by \$27,492.10 (pay items 9, 11, 14, 40, 46-49, 52, 55-58, 61-63, 71, 74, 76, 82, 107, 112 & 113)

NEW PAY ITEMS:

1. **REBUILDING BLOCK MANHOLE (AUP 1):** The shallow manhole in the south driveway apron at the King's Point Shopping Center needed to be reconstructed. The manhole was constructed of concrete blocks and was replaced as such as opposed to a precast manhole. A precast structure could not be utilized economically, due to the existing storm sewer pipe entering & leaving the structure. Total cost of this work results in an increase of the contract amount by \$2,100.00 (AUP 1, pay item 114)
2. **CURB STOP INSTALLATION (AUP 2):** This cost is for the replacement of non-functioning water service boxes (B-Box) located at the property line. As the contractor lowered water services to accommodate the lowered roadway profile, he encountered non-functioning B-Boxes. It is Illinois-American Water Company's (IL-American) responsibility to ensure that the B-Box is functioning. This cost will be reimbursed to the Village by IL-American. Unit cost per B-Box is \$150.00 (AUP2, pay item 115)

3. **ROADWAY CONSTRUCTION & UTILITY EXCAVATION:** New pay items (AUP3 – AUP7) are

primarily related to the excavation of soils from the installation of underground utilities and construction of the roadway.

BACKGROUND: Four (4) loads of soils generated by storm sewer construction were rejected by Elmhurst-Chicago Company's (Elmhurst-Chicago) dump site in Bolingbrook. The facility detected elevated readings from a Photo-Ionization Device (PID). The readings exceeded Elmhurst-Chicago's EPA permitted level of 0.0 parts per million (PPM).

In response to the loads being rejected, SEECO Consultants (the Village's construction material and environmental consultant) collected two (2) composite soil samples and had them analyzed for Volatile Organic Compounds (VOCs), Semi-Volatile Organic Compounds (SVOCs), Polychlorinated Biphenyls (PCBs), RCRA Priority Pollutant Metals (13) Metals and pH. The laboratory results indicated only minor traces of certain VOCs, SVOCs and trace metals. The constituents detected were all below Illinois Administrative Code (IAC) Part 742 Tier 1 Soil Remediation Objectives (SROs) for Residential property and Class I Groundwater (potable water).

SEECO was requested by the Village to bring a PID on site and take readings as ALamp (the general contractor) excavated the material and loaded it on to dump trucks. SEECO detected a few loads with minor PID readings. That material was stockpiled on site to be disposed of at a later date at an approved site. Additional truck loads of excavated material with 0.0 on site readings (from SEECO) were rejected by Elmhurst-Chicago because of PID readings detected at their dump site. After these ten (10) additional loads were rejected, Elmhurst-Chicago informed ALamp they would no longer accept any excavated material from the job site due to PID readings of greater than 0.0 (as detected at Elmhurst-Chicago dump site). SEECO applied to Reliable Materials Lyons, LLC (Reliable), to accept the excavated soils. Alternate sites within and outside the Village limits were investigated; however, no site was interested in accepting the fill. Reliable has two local sites (Lyons and Hillside). Their EPA permit allows them to accept the soils classified with the performed laboratory analysis. The cost for soil disposal at Reliable's facility is \$90.00 per truck load verses \$40 per load cost at Chicago-Elmhurst.

Given that the contractor has to take his spoil to the Lyons site, the trucking operation portion of the job is severely impacted. There are two separate operations where unit prices will need to be supplemented to account for the disposal of the soils. The first is the disposal of the on-site stockpiled spoil generated by the storm sewer work. The new pay item Removal of Underground Spoils On-Site (AUP7) is to account for the trucking and disposal of the rejected loads associated with storm sewer work that have been stockpiled on-site. The second is the projected spoil and stone associated with roadway excavation and construction. The pay items for Earth Excavation, Removal and Disposal of Unsuitable Soils, Pourous Granular Material (PGB) and Subgranular Material 4" will be modified (AUP3 – 6). The modified pay items will cover the additional cartage and disposal fees associated with hauling and disposing of the material at Lyons instead of Bolingbrook. The bid was based on the "round robin" trucking operation dumping spoil at Elmhurst-Chicago's Bolingbrook site and obtaining stone at the same source, then returning with a full load of stone back to the job site. Now trucks will go to Lyons and then proceed to Bolingbrook (unloaded). This makes the haul route and the period of time that the trucks will be empty longer. Therefore, additional trucks will need to be utilized to keep pace with roadway construction. The unit prices associated with the four (4) pay items will be revised as summarized below. The total remaining budgetary costs of original pay items 7, 8, 10 & 21 will partially offset the corresponding new Authorized Unit Prices (AUP) for the remaining roadway work.

Item	Quantity	Unit	Price	Total
AUP3 EARTH EXCAVATION	7,285.00	CY	\$39.00	\$284,115.00
AUP4 REMOVAL & DISPOSAL OF UNSUITABLE MATERIAL	3,257.50	CY	\$39.00	\$127,042.50
AUP5 PGE	2,557.50	CY	\$30.00	\$76,725.00
AUP6 SUBGRANULAR MATERIAL 4"	9,773.00	SY	\$4.75	\$46,421.75
AUP7 REMOVAL OF UNDERGROUND SPOILS ON-SITE	1,890	CY	\$38.00	\$71,820.00

TIME EXTENSION:

The contractor has reached a point where work cannot continue due to the inability to dispose of spoil generated by work that could potentially proceed (sidewalk and or roadway construction). The contractor is requesting fourteen additional calendar days to account for the time lost when he could not work on controlling items due to the lack of a disposal site.

For a brief summary of each pay item, please refer to the second page of the change order form.

Prior to the Board meeting the proposed Change Order will be presented to the Public Works Committee and the Board of Local Improvements via a phone poll.

If recommended by both committees, please present this change order to the President and Board of Trustees for their review and approval at their regular meeting on June 4th. If approved, please have two (2) signed copies returned to Public Works-Engineering for further processing.

VILLAGE OF LOMBARD CHANGE ORDER #1

PROJECT NAME: Special Assessment 217B
 PROJECT NO.: ST-09-01
 LOCATION: Lombard, IL
 CONTRACTOR: ALAMP Concrete Contractors
 DATE: 5/27/2009
 CHANGE ORDER: 1

DESCRIPTION OF CHANGE ORDER: Balancing of the completed underground items and new AUP's for earth excavation, removal of unsuitables, PGE, and Subgrade Granular Material

ORIGINAL CONTRACT AMOUNT:	TOTAL OF PREVIOUS AUTHORIZED CHANGE ORDERS:	CURRENT CONTRACT AMOUNT: ((1)+[2])	PROPOSED CHANGE ORDER: (PENDING APPROVAL)	PROPOSED REVISED CONTRACT AMOUNT: (PENDING APPROVAL) ([3]+[4])
[1] \$2,162,972.07		[3] \$2,162,972.07	[4] \$259,054.15	[5] \$2,422,026.22

NET OF ALL CHANGE ORDERS: (PENDING APPROVAL) ([2]+[4])

TIME EXTENSION OR REDUCTION: 14 Calendar Days

TOTAL CONTRACT TIME: 194 Calendar Days

BUDGET ESTIMATE: \$3,083,137.60

ENGINEER'S ESTIMATE: \$3,152,390.63

RECOMMENDED FOR ACCEPTANCE:

Resident Engineer _____ Date _____
 Approved By: Director of Finance _____ Date _____

Contractor _____ Date _____
 Approved By: Village Manager _____ Date _____

Village Engineer _____ Date _____
 Approved By: Village President _____ Date _____

Director of Public Works _____ Date _____
 Approved By: President BOLI _____ Date _____

Assistant Director of Finance _____ Date _____
 Attest: Village Clerk _____ 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.

No.	Item	Current Quantity	Unit	Unit Price	Revised Quantity	DIFFERENCE	AMOUNT
20100110	1 TREE REMOV 6-15	36	UNIT	20.00	58.00	22.00	\$440.00
20100210	2 TREE REMOV OVER 15	106	UNIT	25.00	139.00	33.00	\$825.00
20101000	3 TEMPORARY FENCE	8,540	FOOT	1.00	1154.00	(7,386.00)	(\$7,386.00)
20101200	4 TREE ROOT PRUNING	71	EACH	70.00	54.00	(17.00)	(\$1,190.00)
20101300	5 TREE PRUN 1-10	5	EACH	65.00	0.00	(5.00)	(\$325.00)
20101350	6 TREE PRUN OVER 10	52	EACH	80.00	0.00	(52.00)	(\$4,160.00)
20200100	7 EARTH EXCAVATION	9,285	CU YD	27.00	2,000.00	(7,285.00)	(\$196,695.00)
20201200	8 REM & DISP UNS MATL	3,465	CU YD	13.00	207.50	(3,257.50)	(\$42,347.50)
20700420	9 UNDERCUTTING FOR UTILITIES	400	CU YD	1.00	0.00	(400.00)	(\$400.00)
20700420	10 POROUS GRAN EMB SUBGR	2,765	CU YD	13.00	207.50	(2,557.50)	(\$33,247.50)
20800250	11 TRENCH BACKFILL SPL	2,318	CU YD	28.00	2000.00	(318.00)	(\$8,904.00)
21300010	14 EXPLOR TRENCH SPL	8	CU YD	25.00	23.20	15.20	\$380.00
31101200	21 SUB GRAN MAT B 4	13,445	SQ YD	4.00	3,672.00	(9,773.00)	(\$39,092.00)
40	40 SANITARY SEWER REMOVAL 8	50	FOOT	10.00	0.00	(50.00)	(\$500.00)
46	46 STORM SEWERS, PVC, 6"	200	FOOT	30.00	65.00	(135.00)	(\$4,050.00)
47	47 STORM SEWERS, PVC, 8"	200	FOOT	35.00	0.00	(200.00)	(\$7,000.00)
55019500	48 STORM SEWERS, RCP, TY1, 12"	718	FOOT	40.00	734.50	16.50	\$660.00
55019600	49 STORM SEWERS, RCP, TY1, 15"	293	FOOT	45.00	287.00	(6.00)	(\$270.00)
52	52 STORM SEWERS, RCP, TY2, 15"	116	FOOT	50.00	118.00	2.00	\$100.00
55	55 STORM SEWERS, DIP, TY1, 12"	105	FOOT	75.00	72.00	(3.00)	(\$2,475.00)
56	56 STORM SEWERS, DIP, TY1, 15"	47	FOOT	85.00	70.00	23.00	\$1,955.00
57	57 STORM SEWERS, RCP, RG, TY1, 12"	533	FOOT	45.00	531.00	(2.00)	(\$90.00)
58	58 STORM SEWERS, RCP, RG, TY1, 15"	42	FOOT	50.00	0.00	(42.00)	(\$2,100.00)
56106300	61 ADJ WATER MAIN 6	25	FOOT	10.00	106.50	81.50	\$815.00
62	62 ADJ WATER MAIN 8	50	FOOT	15.00	0.00	(50.00)	(\$750.00)
56300300	63 ADJ WATER SERV LINES	1,800	FOOT	1.00	2082.00	282.00	\$282.00
60200305	71 CB TA 4 DIA T3F&G	4	EACH	1,900.00	3.00	(1.00)	(\$1,900.00)
74	74 CB TC T3V F&G	2	EACH	1,250.00	1.00	(1.00)	(\$1,250.00)
60218400	76 MAN TA 4 DIA T1F CL	5	EACH	2,000.00	6.00	1.00	\$2,000.00
82	82 ADJ SAN SERV LINES	25	FOOT	55.00	0.00	(25.00)	(\$1,375.00)
107	107 REMOVE AND REINSTALL FENCE	55	FOOT	80.00	0.00	(55.00)	(\$4,400.00)
112	112 DRAINAGE & UTILITY STRUCTURES TO BE RECONSTRUCTED	3	EACH	975.00	5.00	2.00	\$1,950.00
113	113 WATER SERVICE LINE INSULATION	1,800	FOOT	0.10	99.00	(1,701.00)	(\$170.10)
AUP1	114 Rebuild block MH Sta 402+00	1	EACH	2,100.00	1.00	1.00	\$2,100.00
AUP2	115 Curb Stop Installation (L-AM)	10	EACH	150.00	1.00	1.00	\$1,500.00
AUP3	116 EARTH EXCAVATION	7,285.00	CY	39.00	7,285.00		\$284,115.00
AUP4	117 REM & DISP UNS MATL	3,257.50	CY	39.00	3,257.50		\$127,042.50
AUP5	118 PGE	2,557.50	CY	30.00	2,557.50		\$76,725.00
AUP6	119 SUB GRAN MAT B 4	9,773.00	SY	4.75	9,773.00		\$46,421.75
AUP7	120 Removal of Underground Spoils On-Site	1,890	CY	38.00	1,890.00		\$71,820.00
TOTAL							\$259,054.15

Project Proposal/Agreement

Submitted To: Village of Lombard
 Job Site: SA217B N.E. Lombard Area
 Proposal #: AUP - Revised
 Proposal Date: 5/15/2009

We hereby submit specifications and estimates for:

ITEM	UNIT	QTY	UNIT PRICE	EXTENSION
Manhole Rebuild @ Station 402+00	EA	1	\$2,100.00	\$2,100.00
TOTAL BID				\$2,100.00

Special Instructions:

Signed: Jeff Moyer
 Jeff Moyer, Sr. Project Manager

Note: This proposal may be withdrawn by us if not accepted within 30 days.

Acceptance of Proposal

The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined above.

Signature: _____
 Signature: _____
 Date of Acceptance: _____

Project Proposal/Agreement

Submitted To: Village of Lombard
 Job Site: SA217B N.E. Lombard Area
 Proposal #: AUP
 Proposal Date: 5/15/2009

We hereby submit specifications and estimates for:

ITEM	UNIT	QTY	UNIT PRICE	EXTENSION
Curb Stop Installation	EA	1	\$150.00	\$150.00
9" B-Box Casting	EA	1	\$120.00	\$120.00
TOTAL BID				

Special Instructions:
 Final pricing will be based on actual units measured in place.

Signed: Jeff Mayer
 Jeff Mayer, Sr. Project Manager

Note: This proposal may be withdrawn by us if not accepted within 30 days.

Acceptance of Proposal

The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined above.

Signature: _____
 Signature: _____
 Date of Acceptance: _____

Onsite Spoil Haul Off Break Down

Submitted To: Village of Lombard
Job Site: SA217B N.E. Lombard Area
Date: 5/28/2009

Village of Lombard SA 217B Contaminated Soils Price Difference:

ITEM	UNIT	QTY	UNIT PRICE	EXTENSION
Earth Excavation	CY	7285	\$39.00	\$284,115.00
Removal of Unsuitables	CY	3257.5	\$39.00	\$127,042.50
PGE	CY	2557.5	\$30.00	\$76,725.00
Sub Grade Granular Material 4"	CY	9773	\$4.75	\$46,421.75

Signed: Jeff Moyer
 Jeff Moyer, Project Manager

Project Proposal/Agreement

Submitted To: Village of Lombard
 Job Site: SA217B N.E. Lombard Area
 Proposal #: AUP
 Proposal Date: 5/28/2009

We hereby submit specifications and estimates for:

ITEM	UNIT	QTY	UNIT PRICE	EXTENSION
Removal of Onsite Spoils	CY	1892	\$38.00	\$71,896.00
TOTAL BID				\$71,896.00

Special Instructions:

Final pricing will be based on actual units measured in place.
 Each semi load of material hauled offsite will be counted as 12CY.

Signed: Jeff Moyer
 Jeff Moyer, Sr. Project Manager

Note: This proposal may be withdrawn by us if not accepted within 30 days.

Acceptance of Proposal

The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined above.

Signature: _____
 Signature: _____
 Date of Acceptance: _____

Thursday, May 28, 2009

Mr. Ray Schwab

Civil Engineer

Village of Lombard

1051 S. Hamerschmidt Ave.

Lombard, IL 60555

Re: Special Assessment 217B – N.E. Lombard Area

Dear Mr. Schwab,

I would like to formally ask for the Village's consideration of an extension of time on the above referenced project. Over the past few weeks, our progress on subject project has been stopped due to the encountering of contaminated soils while excavating for the storm sewer and roadway improvements. These findings have caused us to relook at how we will move forward with our earthwork operation and where the material will be accepted.

With this being said, a location for the material has been identified and all required pricing changes have been submitted for consideration. Once the earthwork operation resumes, A Lamp is requesting a 14 calendar day extension in time to accommodate us for the lost production.

If you have any additional questions or comments regarding this matter, please feel free to contact me.

Respectfully Submitted,

A Lamp Concrete Contractors, Inc.

Jeff Moyer

Project Manager