

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: William T. Lichter, Village Manager

DATE: August 11, 2004 (B of T) **Date:** 08/19/04

TITLE: Main Street Improvements – Wilson Ave to St. Charles Road
Amendment #3

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

BACKGROUND/POLICY IMPLICATIONS:

Please see attached memo.

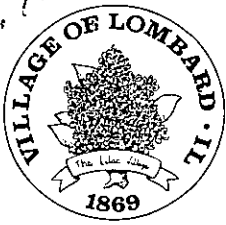
FISCAL IMPACT/FUNDING SOURCE:

\$46,974.00 INCREASE / TIF
HTE Proj: 0200 PW Proj: ST 01-04
HTE Acct: ~~4320.755660~~
 7402.809425

Review (as necessary):

Village Attorney X _____	Date _____
Finance Director X <i>W. Flood and J. Flood</i>	Date <i>8/11/04</i>
Village Manager X <i>W.T. Lichter</i>	Date <i>8/11/04</i>

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: William T. Lichter, Village Manager
From: David A. Dratnol, P.E., Village Engineer *DD*
Date: August 11, 2004
Subject: Main Street Improvements – Wilson Avenue to St. Charles Road
Design Engineering Amendment No. 3)

Attached, please find a contract amendment the the agreement with Civiltech for the design of the Main Street Improvements. This amendment increases the scope of work to include design and preparation of construction documents for TIF style improvements to Main Street, from Maple Street to Parkside Avenue.

Please place this item on the Board of Trustees agenda for the regularly scheduled meeting on August 19, 2004. This amendment increases the contract by \$46,974.00, which increases the total contract to a not-to-exceed amount of \$131,907.00. If approved, please return all paperwork to Public Works Engineering for further processing.

c: File: ST 01-04

RESOLUTION
R _____ 05

A RESOLUTION AUTHORIZING
AMENDMENT OF A PROFESSIONAL
SERVICES CONTRACT

WHEREAS, the Board of Trustees of the Village of Lombard on August 19, 2004 adopted a resolution authorizing signature of President and Clerk on an agreement between the Village of Lombard and Civiltech Engineering, Inc. which was amended on January 6, 2004; and

WHEREAS, an amendment to said contract is required to legally bind the parties; and

WHEREAS, Illinois law exempts professional engineering contracts from the requirements of Illinois Compiled Statutes, Chapter 720, Section 5/33E-9 regarding preparation of change orders.

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 the President and Village Clerk are hereby directed and authorized to execute an amendment to the contract with Civiltech Engineering, Inc. substantially in the form and manner of Exhibit "A" attached hereto and made a part hereof.

Adopted this 19th day of August, 2004.

Ayes: _____

Nays: _____

Absent: _____

Approved this 19th day of August, 2004.

ATTEST:

William J. Mueller
Village President

Barbara Johnson
Deputy Village Clerk

APPROVAL AS TO FORM:

Thomas P. Bayer
Village Attorney

AGREEMENT TO AMEND A CONTRACT

THIS AGREEMENT made and entered into this 19th day of August, 2004, by and between the **VILLAGE OF LOMBARD** (the "VILLAGE") and **Civiltech Engineering, Inc.** (the "CONSULTANT").

WHEREAS, on June 21, 2001 the VILLAGE and CONSULTANT executed a contract regarding certain engineering services relative to the Main Street Improvements – Wilson Avenue to St Charles Road; and

WHEREAS, the VILLAGE and CONSULTANT have agreed to increase the amount of work to be performed by the CONSULTANT together with a resultant increase in the limit which the contract sum may not exceed;

NOW, THEREFORE, for and in consideration of the foregoing and various covenants in said agreement and the mutual covenants herein contained, it is agreed by and between the parties as follows:

SECTION 1: The aforementioned contract shall be amended to expand the scope of work as provided for in the CONSULTANT'S August 2, 2004 letter.

SECTION 2: The aforementioned contract shall be amended to show a contract sum not to exceed \$131,907.

SECTION 3: All other terms, covenants and conditions of said contract heretofore executed which are not amended or deleted herein shall remain in full force and effect.

IN WITNESS WHEREOF, the VILLAGE and CONSULTANT have caused this document to be signed by duly authorized officers who have set their hands and seals the day and year set forth above.

VILLAGE OF LOMBARD

By: _____
Village President

ATTEST:

By: _____
Deputy Village Clerk

and Civiltech Engineering, Inc.

By: _____

ATTEST:

By: _____



August 2, 2004

Mr. David A. Dratnol, P.E.
Village Engineer
Village of Lombard
1051 S. Hammerschmidt Ave.
Lombard, Illinois 60148-3926

**Re: Main Street Streetscape Improvements
Maple Street to Parkside Avenue
Proposed Agreement Revisions**

Dear Mr. Dratnol:

We have prepared estimated design hours and costs for the Main Street Streetscape Improvement as you requested at our meeting on July 20, 2004. We understand the project may be divided into two construction contracts for streetscape improvements and roadway improvements, and we have estimated our fee accordingly.

The streetscape improvements will include ornamental T.I.F. style lighting, trees, tree vaults and brick paver sidewalks and crosswalks similar to those shown on plans for St. Charles Road between Main Street and Grace Street which we prepared for the Village in April of 2002. It also includes installation of video vehicle detection and replacement of emergency vehicle equipment at Main Street/Maple Street and Main Street/Parkside Avenue signals. The roadway improvement will consist of patching base failures and replacing curb and gutter as noted in field observations, removal of the bituminous surface course and roadway resurfacing.

Enclosed are four copies of the man-hour estimate, cost estimate of consultant services and schedule. Our proposed fee of \$46,974 adjusts the current contract amount of \$84,933 to a new contract amount of \$131,907.

Thank you again for the opportunity to assist the Village with this improvement.

Very truly yours,

CIVILTECH ENGINEERING, INC.

David W. Block, P.E.

Mark L. Hine, P.E.

Enclosures

J:\1203\wp\coord\letter\ltr2004-0802vol.wpd

MAN HOUR CALCULATIONS

Main Street Streetscape Project Design Engineering Services Village of Lombard

A. PRELIMINARY ENGINEERING		<u>Manhours</u>
1. Field Survey		
Topographic Survey (Full topo between curb and face of buildings or right-of-way excluding roadway with cross sections at 50 foot intervals)	64	
Pavement and Curb & Gutter Condition Survey	<u>8</u>	
	72	hours
2. Early Coordination and Data Collection:		
Initial Kick-off meeting (2 people X 2 hours)	4	
Obtain and review data from Village & utilities	<u>8</u>	
	12	hours
3. Topo Plotting and Base Sheet Preparation	<u>16</u>	
	16	hours.
SUBTOTAL (Preliminary Engineering)		100 hours

B. FINAL DESIGN

1a. Pre-Final Contract Plans		
Title & Index of Sheets (2) - SS & RW	8	
General Notes (2) - SS & RW	8	
Summary of Quantities (2) - SS & RW	8	
Existing & Proposed Typical Sections (2) - SS & RW	8	
Plan View Sheets (2) - SS & RW Scale: 1"=20'	80	
Signing, Striping and Landscaping (1) - RW Scale: 1"=20'	40	
Roadway Details (4) - SS(2); RW(2)	16	
Signal Modification Plans (2) - SS Scale: 1"=20'	72	
Cable Plans (2) - SS	32	
Sequence of Operations/Schedule of Quantities (2) - SS	20	
Signal Details (5) - SS	4	
Lighting Sheets (1) - SS Scale: 1"=20'	76	
Lighting Details (3) - SS	<u>40</u>	
	412	hours

SS = Streetscape Contract; RW = Roadway Contract

Anticipate 22 sheets for Streetscape Contract and 8 sheets for Roadway Contract

**Manhour Calculations
Main Street Streetscape Project
Design Engineering Services
Village of Lombard**

1b. Preliminary and Pre-Final Quantities, Specifications & Cost Estimate		
a. Develop project specifications & contract documents & assemble pre-final bid booklet	28	
b. Quantity Calculations & Back-check	24	
c. Engineer's Estimate of Cost/Construction Schedule	<u>8</u>	
	60	hours
3. Submittals, Reviews & Coordination		
a. Assemble documents (2 submittals)	8	
b. Meetings with Village & Businesses (say 4 meetings x 2 hrs./mtg. x 2 people)	<u>16</u>	
	24	hours
4. Final Contract Documents and QC/QA		
a. Assume Pre-final plans are 90% complete (412+60)/x = 0.90; x = 524 hours total 524 - 472 = 52 hours	52	
b. QC/QA review	<u>16</u>	
	68	hours
SUBTOTAL (Final Design)	564	hours
<u>TOTAL PROJECT MANHOURS</u>	664	hours

DIRECT COSTS

PRINTING AND REPRODUCTION

a. Pre-final submittal	
plans: 30 sheets X 10 sets X \$0.60/sheet	\$180
bid booklet: 50 pages X 5 copies X \$0.10/page	\$25
b. Final submittal	
plans: 30 sheets X 15 sets X \$0.60/sheet	\$270
bid booklet: 50 pages X 15 copies X \$0.10/page	\$75
Shipping & Delivery (4 deliveries @ \$30/delivery)	\$120
Vehicle Expense (2 days @ \$30/ day)	<u>\$60</u>
Total Direct Costs:	\$730

COST ESTIMATE OF CONSULTANT SERVICES

Main Street Streetscape Project Design Engineering Services Village of Lombard

Date: August 2, 2004

WORK ITEM DESCRIPTION	PRINCIPAL IN-CHARGE \$70.00	PROJECT MANAGER \$38.50	DESIGN ENGINEER \$25.00	SIGNAL DES. ENG. \$22.50	SENIOR DRAFTER \$28.50	SURVEY CHIEF \$26.00	SURVEY TECH. \$21.00	QA/QC \$50.00	Total Hours	Payroll	Overhead & Fringe Benefit Cost (a)	(b) Direct Costs	(c) Fixed Fee	Total Cost
A. Preliminary Engineering														
1. Field Survey	0	4	4	0	0	32	32	0	72	\$1,758	\$2,233	\$60	\$580	\$4,631
2. Early Coord. & Data Collection	0	2	2	8	0	0	0	0	12	\$307	\$390	\$0	\$101	\$798
3. Topo Plot. and Base Sheet Prep.	0	0	0	8	8	0	0	0	16	\$408	\$518	\$0	\$135	\$1,061
Phase I - Subtotal	0	6	6	16	8	32	32	0	100	\$2,473	\$3,141	\$60	\$816	\$6,490
B. Final Design														
1a. Pre-Final Contract Plans	2	24	176	128	80	0	0	2	412	\$10,724	\$13,619	\$180	\$3,539	\$28,062
1b. Pre-final Quantities, Specifications, Bid Documents & Estimates	0	8	36	16	0	0	0	0	60	\$1,568	\$1,991	\$25	\$517	\$4,102
2. Submittals, Reviews & Coord.	0	12	12	0	0	0	0	0	24	\$762	\$968	\$120	\$251	\$2,101
3. Final Contract Plans, QA/QC	2	6	20	16	8	0	0	16	68	\$2,259	\$2,869	\$345	\$745	\$6,218
Phase II - Subtotal	4	50	244	160	88	0	0	18	564	\$15,313	\$19,448	\$670	\$5,053	\$40,484
TOTALS	4	56	250	176	96	32	32	18	664	\$17,786	\$22,588	\$730	\$5,869	\$46,974
% TOTAL	0.6	8.4	37.7	26.5	14.5	4.8	4.8	2.7	100					

(a) 127.00% of Payroll

(b) A1 - Vehicle Expense (\$30/day)

B2 - Delivery Expenses

B1 & B3 - Printing Expenses

(c) 33% of Payroll

