

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: July 14, 2004 (COW) (B of T) **Date:** July 22, 2004

TITLE: Comprehensive Street Lighting Study
Amendment No. #3

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

BACKGROUND/POLICY IMPLICATIONS:

Please see the attached memo.

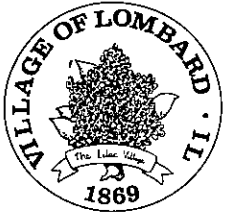
FISCAL IMPACT/FUNDING SOURCE:

This Item: \$39,033.88 Increase / Capital Project Fund
P.O. No.: 039580
Finance Project Number: 7101.755660
Total Contract: \$102,934.77
Public Works Project Number: M-01-08
Proj. #0113

Review (as necessary):

Village Attorney X _____	Date _____
Finance Director X <i>W. Kenneth J. Flood</i>	Date <i>7/14/04</i>
Village Manager X <i>W. Thomas V. Lichter</i>	Date <i>7/14/04</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 *DAE*
Date: July 14, 2004
Subject: Comprehensive Street Lighting Study
Amendment No. #3

Attached, please find an engineering services contract amendment with Christopher B. Burke Engineering Ltd. This amendment provides for updating the 2001 Comprehensive Street Lighting Study and developing a Street Lighting Program, prioritizing street lighting improvement projects at a cost of \$39,033.88. The Street Lighting Program will identify proposed target street lighting projects throughout the Village, including estimated construction costs and design engineering fees.

Please present this contract amendment to the President and Board of Trustees for their review and approval at their meeting on July 22, 2004. At this time the original amendments are being executed by the engineer. Upon receipt, they will be forwarded to the Clerk for execution by the Village.

cc: File: M-01-08

RESOLUTION
R _____ 05

A RESOLUTION AUTHORIZING
AMENDMENT OF A PROFESSIONAL
SERVICES CONTRACT

WHEREAS, the Board of Trustees of the Village of Lombard on January 4, 2001 adopted a resolution authorizing signature of President and Clerk on an agreement between the Village of Lombard and Christopher B. Burke Engineering, Ltd.; 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 Christopher B. Burke Engineering, Ltd. substantially in the form and manner of Exhibit "A" attached hereto and made a part hereof.

Adopted this the 22nd day of July, 2004.

Ayes: _____

Nays: _____

Absent: _____

Adopted this the 22nd day of July, 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 the 22nd day of July, 2004, by and between the **VILLAGE OF LOMBARD** (the "VILLAGE") and **Christopher B. Burke Engineering, Ltd.** (the "CONSULTANT").

WHEREAS, on January 4, 2001 the VILLAGE and CONSULTANT executed a contract regarding certain engineering services relative to the Comprehensive Street Lighting Study; 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 July 13, 2004 letter.

SECTION 2: The aforementioned contract shall be amended to show a contract sum not to exceed \$102,934.77.

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 **Christopher B. Burke Engineering, Ltd.**

By: _____

ATTEST:

By: _____

**CHRISTOPHER B. BURKE ENGINEERING, LTD.**

9575 West Higgins Road • Suite 600 • Rosemont, Illinois 60018-4920 • TEL (847) 823-0500 • FAX (847) 823-0520

July 13, 2004

Village of Lombard
Department of Public Works
1051 South Hammerschmidt Avenue
Lombard, IL 60148-3926

Attention: Ms. Justine Gembala

Subject: Proposal for Professional Engineering Services
Street Lighting Program – Design Engineering

Dear Justine:

Christopher B. Burke Engineering, Ltd. (CBBEL) is pleased to submit this proposal for professional engineering services for Street Lighting Program – Design Engineering.

Attached please find our estimated Work Effort for the proposed services, our scope of services and estimated schedule as discussed at our June 30, 2004 meeting.

We appreciate the opportunity to be considered for this project and look forward to continuing our working relationship with the Village of Lombard. Should you have any questions or require additional information, please do not hesitate to call me.

Very truly yours,

A handwritten signature in black ink that reads "John P. Caruso".

John P. Caruso, PE
Head, Mechanical/Electrical Section

Attachments as noted

**VILLAGE OF LOMBARD
STREET LIGHTING PROGRAM – DESIGN ENGINEERING**

PROPOSED SCOPE OF SERVICES

Task 1 – Data Collection

CBBEL will meet with Village staff to review existing plans and specifications (provided by the Village) of lighting projects which have been performed subsequent to the completion of the Village's Comprehensive Street Lighting Study.

Task 2 – GPS Survey

CBBEL will provide project surveyors and equipment to locate existing lighting units and controllers using Global Positioning System (GPS). The lighting unit locations will then be entered into the Village lighting system database.

Task 3 – Field Inventory and Review of Existing Lighting Systems

From the information obtained in Task 1, CBBEL will field inventory the existing lighting systems which have been installed since the Comprehensive Lighting Study was prepared. The controllers and lighting circuits will be inventoried also.

Task 4 – Update Comprehensive Street Lighting Study

From the information obtained in Tasks 2 and 3, CBBEL will update the Comprehensive Street Lighting Study including lighting unit locations, identifiers and circuitry. The lighting system database will be updated with the new information also. Digital photographs of the controllers and a representative lighting unit will be furnished.

Village of Lombard Street Lighting Design Standards will be revised to include mixed use areas as well as residential areas. The Design Standards will include excerpts from the ANSI/IES RP-8-00 recommended standards for illumination levels.

Task 5 – Preliminary Street Lighting Program

CBBEL will review the Comprehensive Street Lighting Study and the included recommended Capital Improvement Projects (CIP) to determine areas which do not have lighting or have been previously identified (in CIP) as potential roadway lighting projects. CBBEL will identify proposed target projects for all areas within the Village corporate limits and assign estimated construction costs and design engineering fees. A Street Lighting Program will be developed which will include:

- A. Identifying potential lighting projects.
- B. Prioritize projects according to criteria developed with Village input.
- C. Assign estimated costs to target street lighting projects.

Task 6 – Meetings with Village

CBBEL will meet with the Village to:

1. Determine and discuss criteria for prioritizing lighting projects;
2. Review Preliminary Street Lighting Program;
3. Review Final Street Lighting Program.

Task 7 – Final Street Lighting Program

CBBEL will revise the Preliminary Street Lighting Program based upon review comments from Village staff and discussions with the Village.

Task 8 – Presentation to Village

CBBEL will present the Street Lighting Program to the Village Board at a scheduled Board Meeting or to a Committee Meeting at the Village's direction.

SCHEDULE

As discussed at our meeting of June 30, 2004, the estimated Project Start Date will be August 1, 2004 and estimated Project Completion Date for Tasks 1 through 7 will be November 1, 2004.

WORK EFFORT
VILLAGE OF LOMBARD
STREET LIGHTING PROGRAM - DESIGN ENGINEERING
LOMBARD CONTRACT NUMBER

TASK	DESCRIPTION	PERSONNEL & HOURS										TOTAL HOURS	PAYROLL	MULTIPLIER	
		ENGINEER V	ENGINEER II	SR. ENGINEERING TECHNICIAN	WORD PROCESSOR	LAND SURVEYOR	PROJECT SURVEYOR	ENGINEER V	ENGINEER II	SR. ENGINEERING TECHNICIAN	WORD PROCESSOR				LAND SURVEYOR
1	DATA COLLECTION	4	8	4	0	0	0	0	0	0	0	0	16	\$692.00	\$1,426.78
2	GPS SURVEY	4	4	0	1	40	0	0	0	0	0	0	89	\$3,109.00	\$8,332.12
3	FIELD INVENTORY OF AND REVIEW OF EXISTING LIGHTING SYSTEMS	18	40	40	4	0	0	0	0	0	0	0	100	\$3,200.00	\$8,844.00
4	UPDATE COMPREHENSIVE STREET LIGHTING STUDY	4	20	20	8	0	0	0	0	0	0	0	52	\$1,820.00	\$4,841.60
5	PRELIMINARY STREET LIGHTING PROGRAM	8	40	40	4	0	0	0	0	0	0	0	82	\$2,940.00	\$7,878.20
6	MEETINGS WITH VILLAGE	8	8	8	0	0	0	0	0	0	0	0	24	\$858.00	\$2,294.08
7	FINAL STREET LIGHTING PROGRAM	8	20	20	0	0	0	0	0	0	0	0	48	\$1,000.00	\$4,288.00
8	PRESENTATION TO VILLAGE	4	4	4	4	0	0	0	0	0	0	0	12	\$384.00	\$1,028.12
	SUBTOTALS	58	144	132	21	40	40	40	21	40	40	40	433	\$14,341.00	\$38,433.88
	DIRECT COSTS														\$800.00
	TOTAL COST														\$39,033.88

DIRECT COSTS INCLUDE ESTIMATES FOR REPRODUCTION SERVICES, POSTAGE/MESSENGER, MILEAGE, AND PHOTOS. RATES ARE AVERAGE RATES FOR CLASSIFICATION