

# ALL TECH ENERGY

7/18/2012

Keith Steiskal  
Bldg Div Coordinator  
Village of Lombard  
255 E. Wilson Ave.  
Lombard, IL 60148

Dear Keith

All Tech Energy is a DBE/WBE certified company providing lighting and electrical turn-key solutions in the commercial and industrial marketplace. We focus on new energy reduction opportunities and the latest technologies.

By upgrading to energy-efficient electrical and lighting solutions you will immediately recognize:

- ***A reduction in your energy costs*** – Newer technologies can greatly reduce energy consumption and lower energy bills, while maintaining lighting levels and quality by upgrading lighting components to more advanced and efficient systems. Upgrading technologies can also offer employees greater control over lighting, allowing for additional energy savings.
- ***Lower lighting maintenance costs*** – Improvements in lighting include components that result in fewer failures and reduced maintenance costs.
- ***Enhanced quality of light*** – New lighting systems offer better lighting quality, improved color, reduced flicker, and greater light output resulting in reduced eyestrain and greater productivity.

We appreciate the opportunity to provide you with our recommendation for your facility. We have analyzed your lighting systems, and the total project cost to retrofit your existing fixtures with new energy efficient components and replace high bay fixtures with fluorescent fixtures (please refer to retrofit overview dated 07/18/2012) is \$35,940.00.

**Notes:**

- This quote is based on using existing fixture feeds and fixture supports unless specifically noted above.
- Customer shall supply contractor with adequate secure space for staging of material and recycling supplies.
- Customer shall be responsible for relocating customer owned property in order to have adequate access to lighting fixtures.
- Quoted as 1st shift labor.

**Excluded:**

- Permit fees.
- Replacement and repair of existing damage lamp sockets or wiring to existing fixtures unless specifically noted above.

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www.alltechenergy.com

**Village of Lombard**  
**RETROFIT OVERVIEW**

Item No.	Designated Area	Hours of Operation Per Year	Existing/ Proposed	FIXTURES		Watts	Total Watts	Total Watts Saved	Price Per Fixture	Total Price
				Qty.	Description					
1.	Police Station		Existing:	2	1x4x2 F40T12/CW with magnetic ballast.	86	172			
			Proposed Retrofit:		2	1x4 fixture with two F28T8/841 and one high efficiency instant start electronic ballast.	48	96	76	\$79.00
2.	Police Station		Existing:	2	2x2x2 F40T12/CW/U6 with magnetic ballast.	86	172			
			Proposed Retrofit:		2	Retrofit existing 2x2 fixture with two F17T8/841, one high efficiency instant start electronic ballast and a white reflector kit including new sockets.	30	60	112	\$92.00
3.	Police Station		Existing:	48	2x4x4 F40T12/CW with magnetic ballast.	172	7,912			
			Proposed Retrofit:		48	Retrofit existing 2x4 fixture with four F28T8/841 and one high efficiency instant start electronic ballast.	96	4,370	3,542	\$84.00
4.	Admin Bldg	8,760	Existing:	1	1x4x2 F40T12/CW with magnetic ballast.	86	86			
			Proposed Retrofit:		1	Retrofit existing 1x4 fixture with two F28T8/841 and one high efficiency instant start electronic ballast.	48	48	38	\$79.00
5.	Admin Bldg		Existing:	23	400 watt Metal Halide Fixture	468	10,534			
			Proposed Retrofit:		23	Furnish and install a fluorescent fixture with six T8 - 32w lamps and two high ballast factor electronic ballasts. One for one replacement, no additional piping and wiring.	222	5,106	5,428	\$315.00
6.	Underground Utility		Existing:	4	1x4x2 F40T12/CW with magnetic ballast.	88	344			
			Proposed Retrofit:		4	Retrofit existing 1x4 fixture with two F28T8/841 and one high efficiency instant start electronic ballast.	48	192	152	\$79.00

Item No.	Designated Area	Hours of Operation Per Year	Existing/Proposed	FIXTURES		Watts	Total Watts	Total Watts Saved	Price Per Fixture	Total Price
				Qty.	Description					
7	Underground Utility		Existing:	8	2x2x2 F40T12/CW/U6 with magnetic ballast.	86	688			
			Proposed Retrofit:	8	Retrofit existing 2x2 fixture with two F17T8/841, one high efficiency instant start electronic ballast and a white reflector kit including new sockets.	30	240	448	\$92.00	\$736.00
8	Underground Utility		Existing:	2	2x4x4 F40T12/CW with magnetic ballast.	172	344			
			Proposed Retrofit:	2	Retrofit existing 2x4 fixture with two F28T8/841, one high efficiency instant start electronic ballast and a white reflector kit including new sockets.	48	96	248	\$109.00	\$218.00
9	Underground Utility	8760	Existing:	23	400-watt Metal Halide Fixture	458	10,534			
			Proposed Retrofit:	23	Furnish and install a fluorescent fixture with six T8 - 32w lamps and two high ballast factor electronic ballasts. One for one replacement, no additional piping and wiring.	222	5,106	5,428	\$315.00	\$7,245.00
10	Vehicle Storage		Existing:	49	400 watt Metal Halide Fixture	458	22,442			
			Proposed Retrofit:	49	Furnish and install a fluorescent fixture with six T8 - 32w lamps and two high ballast factor electronic ballasts. One for one replacement, no additional piping and wiring.	222	10,878	11,564	\$315.00	\$15,435.00
<b>Total Price</b>								<b>27,036</b>		<b>\$35,940.00</b>

Note: Permit fees are not included in this proposal. Proposal includes DCEO required materials, 1st shift labor, project mgmt, recycling of old lamps and pcb ballasts and assistance with the ICEF and DCEO rebates.

Adder: \$12.00 per ballast for sensorred fixtures. A program start ballast is recommended.

***Village of Lombard***  
**SAVINGS SUMMARY**

*These calculations are based upon a .09 electric rate.*

	<b>MONTH</b>	<b>1 YEAR</b>	<b>5 YEARS</b>
Current operating expense:	\$3,500.50	\$42,006.00	\$210,030.00
New operating expense:	\$1,723.97	\$20,687.60	\$103,438.00
<b>Cost for Retrofit:</b>			<b>\$2,533.00</b>
<b>Pay Back Period:</b>			<b>0.2 Years</b>
<b>Return on Investment:</b>			<b>842%</b>

Cost to Retrofit	\$35,940.00
Potential DCEO Rebate	\$19,889.00
Potential ICEF Rebate	\$13,518.00
<b>Total</b>	<b>\$2,533.00</b>

If this proposal meets with your approval, please sign and return it to my attention. I look forward to working with you on this energy cost saving project that will provide a brighter, more energy efficient environment for you and your associates.

Sincerely,

**ALL TECH ENERGY, INC.**

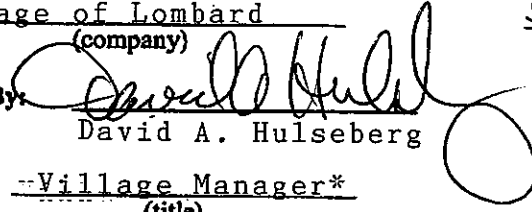
Jackie Sherman  
Energy Management Specialist

**Terms and Conditions**

"Terms and Conditions. By signing the acceptance below, your company agrees to the terms and conditions of the proposal as well as to the terms stated below. Permit costs are not included in the proposal amount. The installation provided by All Tech Energy has a one year guarantee as to workmanship (excludes lamp and ballast replacement) and a manufacturer's warranty will be provided to you on the installed materials and equipment upon final payment. Warranty and warranty packet on the equipment and materials installed will be provided upon final payment. The quotation is based upon the initial survey of the scope of work which may require a deposit. When this proposal becomes accepted a more detailed survey may be required as to the scope of the project. Any adjustment to the proposal and scope of the project shall be made in writing and signed and approved by both parties. A final payment is due to All Tech Energy upon job completion. There is a service charge on unpaid balances of 1.5% per month (18% per annum) if the outstanding balance is not paid pursuant to the agreed upon terms. In the further event that action must be taken by All Tech Energy to collect any outstanding balance, the company agrees to pay All Tech all of All Tech's reasonable attorney's fees, litigation and court costs including sheriff's fees."

Acceptance by:

Village of Lombard  
(company)

By:   
David A. Hulseberg

-Village Manager\*  
(title)

Proposal No.

\$35,940.00 \*  
(amount)

\* ALL COSTS  
COVERED BY  
GRANTS EXCEPT  
\$ 2,533.00

\_\_\_\_\_  
(purchase order no.)

\_\_\_\_\_  
(date)

**PRICES IN THIS PROPOSAL ARE IN EFFECT FOR 30 DAYS FROM THE DATE OF THIS LETTER**

**DUE TO THE PRICING VOLATILITY OF RARE EARTH METALS USED IN THE  
MANUFACTURING OF FLUORESCENT LAMPS,  
LAMP PRICING CANNOT BE GUARANTEED.**

\* Pursuant to the Authority Granted by the Village Board at the September 6, 2012 Village Board Meeting



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Illinois Department of Commerce & Economic Opportunity  
Pat Quinn, Governor • David Vaughn, Acting Director

Notice to Proceed

July 17, 2012

Mr. Keith Steiskal, Building Official  
Village of Lombard  
255 E WILSON AVE  
LOMBARD, IL 60148-3926

RE: Application 4754 Village of Lombard

Dear Mr. Steiskal:

The Department is in receipt of your Public Sector Energy Efficiency Pre-Approval application to improve energy efficiency. Your application has been reviewed and was found to meet all the necessary requirements to proceed with the proposed project. Please refer to Application #4754 for all correspondence regarding this project.

This letter will serve as your formal **Notice to Proceed** for this project. We have reserved funds for your project, estimated to be **\$19,889.00** and they will be held until May 15, 2013. Equipment installation must be completed and all documentation must be submitted to the Department for final review and approval. It is your responsibility to verify that all equipment meets the required specifications.

Please be advised that final documentation must include required 2012-2013 Year 5 documents (see [www.ilenergynow.org](http://www.ilenergynow.org) for the latest version). Final documentation must include all required forms as listed in Application Checklist located in Public Sector Energy Efficiency Program 2012-2013 Guidelines, Appendix A, page A-2. Your facility may be selected for a verification site visit.

Upon project completion, please indicate your agreement with these terms by completing the appropriate forms included in the attached Rebate Agreement and return to my attention at Illinois Department of Commerce and Economic Opportunity, Illinois Energy Office, 500 E. Monroe Street, Springfield, IL 62701.

If you have any questions or require any additional information, please feel free to contact me by telephone at (217)785-2638 or by email at [rajiv.narielwala@illinois.gov](mailto:rajiv.narielwala@illinois.gov)

Sincerely,

Rajiv Narielwala  
Public Sector Energy Efficiency Program

[www.ildceo.net](http://www.ildceo.net)

500 East Monroe  
Springfield, Illinois 62701-1643  
217/782-7500 • TDD: 800/785-6055

James R. Thompson Center  
100 West Randolph Street, Suite 3-400  
Chicago, Illinois 60601-3219  
312/814-7179 • TDD: 800/785-6055

2309 West Main, Suite 118  
Marion, Illinois 62959-1180  
618/997-4394 • TDD: 800/785-6055



**Illinois Clean Energy**  
community foundation

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April 30, 2012

Mr. Keith Steiskal  
Plan Reviewer/Inspector II/Facilities  
Village of Lombard  
255 E. Wilson Ave  
Lombard, IL 60148

Dear Mr. Steiskal:

We are very pleased to inform you that the Illinois Clean Energy Community Foundation has approved a grant of \$13,518 to the Village of Lombard for energy efficient upgrades to indoor lighting systems in your facilities.

Thank you for your leadership in demonstrating the value of investing in energy efficiency for your community: enhancing lighting quality, saving money, and improving the environment.

The enclosed grant agreement defines the terms and conditions of the grant. Two copies are provided.

**To accept the grant, please review, sign and return one complete copy of the grant agreement to the Foundation as soon as possible, and no later than one month from today.**

On behalf of the Foundation's Board of Trustees and staff, we would like to extend our best wishes for the success of this project.

Sincerely,

Dennis F. O'Brien  
Executive Director

Enclosure

