



1 amount up to Sixty-Seven Thousand One Hundred Dollars (\$67,100), and a fifteen  
2 percent (15%) contingency in an amount up to Ten Thousand Sixty-Five Dollars  
3 (\$10,065). No contingency funds shall be paid by City unless WS has received City's  
4 prior approval to perform such additional work.

5 "49.3 Conditions. To the extent applicable, any and all terms and  
6 conditions relating to the Street Light System in Lighting Contract No. 24289, including all  
7 exhibits, shall apply to the W. Esther Street Lighting Upgrade."

8 "50. COWLES ALLEY STREET LIGHTING UPGRADE

9 "50.1 Scope of Work. WS shall install three (3) new 26-foot concrete  
10 poles, 53-watt LED fixtures, 190-watt solar arrays, prewired lockable enclosures with  
11 battery bank promoting daily dusk to dawn operation, and charge controllers and circuit  
12 breakers for the solar and battery banks. WS shall run any necessary conduit and wire  
13 for the operation of the street lights and poles located on the alley immediately south of  
14 Cowles Street between Hayes Avenue and Seabright Avenue, and more particularly  
15 described in the proposal and approvals attached hereto as Exhibit "Y". The work done  
16 hereunder shall be known as 'Cowles Street Alley Lighting Upgrade'.

17 "50.2 Compensation. For the services and work relating to the Cowles  
18 Street Alley Lighting Upgrade, City shall pay to WS upon completion of the services, an  
19 amount up to Forty-One Thousand Five Hundred Dollars (\$41,500), and a fifteen percent  
20 (15%) contingency in the amount of up to Six Thousand Two Hundred Twenty-Five  
21 Dollars (\$6,225). No contingency funds shall be paid by City unless WS has received  
22 City's prior approval to perform such additional work.

23 "50.3 Conditions. To the extent applicable, any and all terms and  
24 conditions relating to the Street Light System in Lighting Contract No. 24289, including all  
25 exhibits, shall apply to the Cowles Street Alley Lighting Upgrade."

26 2. The proposals attached hereto as Exhibit "Y" shall be attached to  
27 Lighting Contract No. 24289 as Exhibit "Y" thereto.

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OFFICE OF THE CITY ATTORNEY  
ROBERT E. SHANNON, City Attorney  
333 West Ocean Boulevard, 11th Floor  
Long Beach, CA 90802-4664

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3. Except as expressly amended herein, all of the terms and conditions in Lighting Contract No. 24289, as previously amended, are ratified and confirmed and shall remain in full force and effect.

IN WITNESS WHEREOF, the parties have caused this document to be duly executed with all formalities required by law as of the date first stated above.

<sup>Light + Power</sup>  
WS POWER & LIGHT, INC., a California corporation

By  \_\_\_\_\_  
V. President

By  \_\_\_\_\_  
Secretary

"WS"

CITY OF LONG BEACH, a municipal corporation

By  \_\_\_\_\_  
City Manager

Assistant City Manager

"City"

EXECUTED PURSUANT  
TO SECTION 301 OF  
THE CITY CHARTER.

This Twenty-Third Amendment to Lighting Contract No. 24289 is approved as to form on 9.1, 2009.

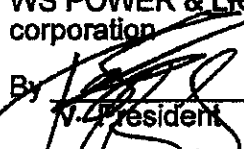

ROBERT E. SHANNON, City Attorney  
By  \_\_\_\_\_  
Deputy

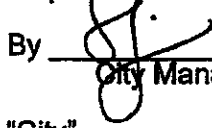
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IN WITNESS WHEREOF, the parties have caused this document to be duly executed with all formalities required by law as of the date first stated above.

<sup>Light + Power</sup>  
WS POWER & LIGHT, INC., a California corporation  
By  T.S. 10-21-09  
V.Z. President  
By   
Secretary

"WS"  
CITY OF LONG BEACH, a municipal corporation  
By  Assistant City Manager  
City Manager  
"City" EXECUTED PURSUANT TO SECTION 301 OF THE CITY CHARTER.

This Twenty-Third Amendment to Lighting Contract No. 24289 is approved as to form on 9-1, 2009.

ROBERT E. SHANNON, City Attorney  
By   
Deputy

A09-00050

OFFICE OF THE CITY ATTORNEY  
ROBERT E. SHANNON, City Attorney  
333 West Ocean Boulevard, 11th Floor  
Long Beach, CA 90802-4664



# EXHIBIT Y

City Light & Power, Inc.  
2961 Redondo Avenue  
Long Beach  
California 90806  
Tel 562 983 2000  
Fax 562 983 7870

April 24, 2009

Timothy Hou  
Westside Development Analyst  
Long Beach Redevelopment Agency  
333 West Ocean Blvd., 3<sup>rd</sup> Floor  
Long Beach, CA 90802

## RE: West Long Beach Industrial Solar Lighting Project

Dear Mr. Hou:

Per our discussions, City Light & Power, Inc. (CLP) is pleased to submit an estimate to install a solar street light solution in the west Long Beach industrial area. A detailed scope of work for is described below.

### **PROJECT #1 – W. Esther St. Between Judson Ave. and Hayes Ave.**

CLP would purchase and install seven (7) 53 Watt LED fixtures, 190 Watt solar arrays, prewired lockable enclosures with battery bank promoting daily dusk to dawn operation, charge controllers and circuit breakers for the solar and battery banks. The fixtures and solar arrays will be installed on the seven (7) 26' existing concrete poles. The estimated budget cost to complete the installation would be sixty seven thousand one hundred dollars (\$67,100).

### **PROJECT #2 – Alley South of Cowles St. Between Hayes Ave. & Seabright Ave.**

CLP would purchase and install three (3) 26' concrete poles and arms with bases, 53 Watt LED fixtures, 190 Watt solar arrays, prewired lockable enclosures with battery bank promoting daily dusk to dawn operation, charge controllers and circuit breakers for the solar and battery banks. The estimated budget cost to complete the installation would be forty one thousand five hundred dollars (\$41,500).

The solar system manufacturer has reviewed detailed drawings of the both existing and proposed street light poles. They do not see any load issues by installing the system to these poles. For an additional cost, CLP can have a professional engineer (PE) run load calculations of the proposed solar system on the poles. Please review and call me at (562) 216-2153 if you have any questions.

Sincerely,

A handwritten signature in black ink, appearing to read "Anthony E. Lercara", is written over a large, stylized flourish or scribble.

Anthony E. Lercara  
Project Manager