

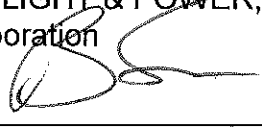
OFFICE OF THE CITY ATTORNEY
CHARLES PARKIN, City Attorney
333 West Ocean Boulevard, 11th Floor
Lona Beach, CA 90802-4664

1 relating to the Street Lighting System in Lighting Contract No. 24289, including all exhibits,
2 shall apply to the installation of the Sensus VantagePoint Lighting Control modules.”


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

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

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10 April 21, 2017

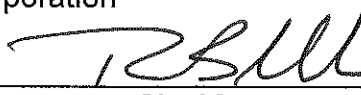
WS LIGHT & POWER, INC., a California
corporation
By 
Name William J. Simmons
Title President

11
12 April 24, 2017

By 
Name Tom Simmons
Title President

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14 “WS”

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16
17 June 8, 2017

CITY OF LONG BEACH, a municipal
corporation
By  EXECUTED PURSUANT
TO SECTION 301 OF
THE CITY CHARTER.
City Manager
“City” Tom Modica
Assistant City Manager

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20 This Forty-Second Amendment to Lighting Contract No. 24289 is approved
21 as to form on 1/27, 2017.

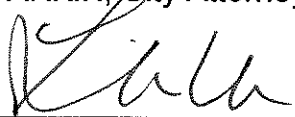
22
23 CHARLES PARKIN, City Attorney
24 By 
25 Deputy
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EXHIBIT "SS"



City Light & Power, Inc.
 6312 S. Fiddlers Green Cir.
 Suite 200E
 Greenwood Village, CO 80111
 Tel 720 308 0400

April 17, 2017

Keith Hoey, P.E.
 Civil Engineer
 Department of Public Works
 City of Long Beach
 333 W. Ocean Blvd., 9th Floor
 Long Beach, CA 90806

RE: Sensor Pilot Program Phase II

Dear Mr. Hoey:

City Light & Power, Inc. (CLP) is pleased to submit a proposal to install the Sensus VantagePoint Lighting Control modules as part of a pilot project as described below.

Description	Estimated Quantity	Unit	Unit Price	Extension
Track FlexNet ID	1,008	ea.	\$7.10	\$7,156.80
Shorting Cap for LS-3 Services	100	ea.	\$60.00	\$6,000.00
Install LCM on Existing LED Street Light	368	ea.	\$35.00	\$12,880.00
Repair/Replace Electrical Relay	25	ea.	\$160.00	\$4,000.00
Field Adjust/Rewire Fixtures	270	ea.	\$18.15	\$4,900.50
Total				\$34,937.30

Tracking the FlexNET ID: Includes obtaining the ID on the Sensus module and tying it to the pole number that it's being installed on. Then taking that information and entering it in our GIS database.

Shorting Cap for LS-3 Services: CLP will remove the photocell from each LS-3 service and replace it with a shorting cap in order to make the electrical service energized 24/7 to accommodate the Sensus Module project. This may put undue stress on the relay in the service but due to the project being a temporary, pilot project, CLP will accommodate this request. However, if the relay fails prematurely due to this temporary fix, there may be additional charges to replace/repair the relay (Please see "Repair/Replace Electrical Relay").

In addition, energizing these test circuits may cause a potential safety issue for City of Long Beach crews, or other contractors, that are accustomed to the street light circuits being de-energized during the day. If they inadvertently cut into a street light conduit and wire while installing a water line, gas line or other, they may not realize the circuits are now energized which could lead to an injury. The

City will need to make it clear to their employees to treat any street light circuit as being energized and take the appropriate precautions to prevent injuries. CLP will not be liable for any injuries or damaged caused by this modification and will need approval from the City of Long Beach Legal before proceeding. Also note that this only applies to LS-3 circuits where CLP controls the photocell relay. On LS-2 circuits, SCE owns and maintains the photocell relay and CLP is not authorized to make modifications.

Install LCM on Existing LED Street Light: This option is to install a Sensus Lighting Control Module (LCM) on an existing LED street light. The work involves removing the shorting cap and replacing it with a Sensus LCM.

Repair/Replace Electrical Relay: This option is to repair or replace a relay at the service that falls prematurely due to installing a shorting cap in lieu of bypassing the relay.

Field Adjustment/Rewire Fixtures: This price applies to any fixtures that require the fixture to be changed to the highest drive current prior to installation.

Quantities are based on estimated amounts, as supplied by the City, and invoicing will be based on actual quantities installed and/or services supplied.

If you agree with the above scope of work and would like to proceed with the project, please select the option, sign below and email it to my attention so that we may schedule the work. If you have any questions, please call me at (720) 305-0399.

Sincerely,

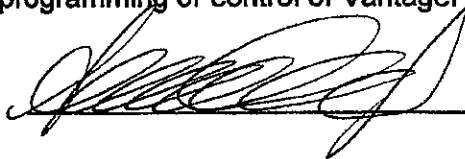


Brad M. Weber
Chief Estimator

Exceptions & Notes:

1. Any cost associated with the VantagePoint software.
2. Any programming or control of VantagePoint software.

Approval:



Date:

4/17/12

Purchase Order No: _____