1	FORTY-SECOND AMENDMENT TO LIGHTING CONTRACT NO. 24289					
2	24289					
3	THIS FORTY-SECOND AMENDMENT TO CONTRACT NO. 24289 is made					
4	and entered, in duplicate, as of April 18, 2017 for reference purposes only, pursuant to a					
5	minute order adopted by the City Council of the City of Long Beach at its meeting held or					
6	November 21, 1995, by and between WS LIGHT & POWER, INC., a California corporation					
7	("WS"), assignee of CITY LIGHT & POWER, INC., a California corporation ("CLP"), and					
8	the CITY OF LONG BEACH, a municipal corporation ("City").					
9	WHEREAS, the parties entered into Lighting Contract No. 24289 whereby					
10	CLP agreed to convert the City's Street Light System; and					
11	WHEREAS, said Contract included a provision whereby the City could					
12	choose to install, relocate or remove lighting and WS would do so; and					
13	WHEREAS, the City desires WS to perform such additional work as provided					
14	in the Contract;					
15	NOW, THEREFORE, in consideration of the mutual terms and conditions					
16	contained in Lighting Contract No. 24289 and herein, the parties agree as follows:					
17	1. Section 71 of Lighting Contract No. 24289 is hereby added to read as					
18	follows:					
19	"71. SENSUS VANTAGEPOINT LIGHTING CONTROL MODULES.					
20	71.1 Scope of Work. WS shall furnish labor, material and equipment to					
21	install Sensus VantagePoint Lighting Control modules as part of a pilot project, more					
22	particularly described in the proposal attached hereto as Exhibit "SS", attached hereto and					
23	incorporated herein.					
24	71.2 Compensation. For the services and work relating to the installation					
25	of the Sensus VantagePoint Lighting Control modules, City shall pay WS upon completion					
26	of the services, an amount not to exceed Thirty-Four Thousand Nine Hundred Thirty-Seven					
27	Dollars and Thirty Cents (\$34,937.30).					
28	71.3 Conditions. To the extent applicable, any and all terms and conditions					

OFFICE OF THE CITY ATTORNEY CHARLES PARKIN, City Attorney 333 West Ocean Boulevard, 11th Floor Lond Beach. CA 90802-4664 relating to the Street Lighting System in Lighting Contract No. 24289, including all exhibits,
 shall apply to the installation of the Sensus VantagePoint Lighting Control modules."

2. Except as expressly amended herein, all of the terms and conditions
contained 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.

6

7

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

8 WS LIGHT & POWER, INC., a California corporation 9 ARIC 21 . 2017 10 Bv APRIC 24 Name William J. Simmid 11 Title Prasi Mr 12 2017 Βv Name immions 'nm 13 Title ÷ - ender 14 "WS" 15 CITY OF LONG BEACH, a municipal 16 corporation EXECUTED PURSUANT 17 TO, SECTION 301 OF 2017 Βv - OHARTER. CITY-City Manager 18 om Madir 19 "City" Assistant City Manager 20 This Forty-Second Amendment to Lighting Contract No. 24289 is approved 21 as to form on 2017. 22 CHARLES PARKIN, City Attorney 23 24 By 25 Deputy 26 27 28 2 LTV:bg A09-00050 L:\Apps\CtyLaw32\WPDocs\D017\P031\00746209.docx

## EXHIBIT "SS"



City Light & Power, inc. 6312 S. Fiddlers Green Cir. Suite 200E Greenwood Village, CO 60111 Tel 720 305 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				624 027 20

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 fails 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,

1.04

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:

Purchase Order No: