

1 FORTY-FOURTH AMENDMENT TO LIGHTING CONTRACT NO. 24289

2 24289

3 THIS FORTY-FOURTH AMENDMENT TO CONTRACT NO. 24289 is made
4 and entered, in duplicate, as of August 8, 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 on
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 73 of Lighting Contract No. 24289 is hereby added to read as
18 follows:

19 "73. LED CONVERSION PHASE 3A - REMAINING COBRA-HEAD
20 STREET AND SAFETY LIGHTS.

21 73.1 Scope of Work. WS shall furnish labor, material and equipment to
22 install LED fixtures for the remaining cobra-head street and safety lights, more particularly
23 described in the proposal attached hereto as Exhibit "UU", attached hereto and
24 incorporated herein.

25 73.2 Compensation. For the services and work relating to the installation
26 of the LED fixtures for the remaining cobra-head street and safety lights, City shall pay WS
27 upon completion of the services, an amount not to exceed Five Hundred Ninety-Two
28 Thousand Nine Hundred Eighty Dollars (\$592,980).

1 73.3 Conditions. To the extent applicable, any and all terms and conditions
2 relating to the Street Lighting System in Lighting Contract No. 24289, including all exhibits,
3 shall apply to the installation of the LED fixtures for the remaining cobra-head street and
4 safety lights.”

5 2. Section 74 of Lighting Contract No. 24289 is hereby added to read as
6 follows:

7 “74. LED CONVERSION PHASE 3B - POST TOP STREET LIGHTS.

8 74.1 Scope of Work. WS shall furnish labor, material and equipment to
9 install LED fixtures for post top style street lights, more particularly described in the
10 proposal attached hereto as Exhibit “VV”, attached hereto and incorporated herein.

11 74.2 Compensation. For the services and work relating to the installation
12 of the LED fixtures for post top style street lights, City shall pay WS upon completion of the
13 services, an amount not to exceed Nine Hundred Twenty-Eight Thousand One Hundred
14 Fifty-Three Dollars (\$928,153).

15 74.3 Conditions. To the extent applicable, any and all terms and conditions
16 relating to the Street Lighting System in Lighting Contract No. 24289, including all exhibits,
17 shall apply to the installation of the LED fixtures for post top style street lights.”

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

21 ///
22 ///
23 ///
24 ///
25 ///
26 ///
27 ///
28 ///

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

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28

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.

WS LIGHT & POWER, INC., a California corporation

08-09-2017, 2017

By [Signature]
Name William S. Williams
Title President

08-09-2017, 2017

By [Signature]
Name Tom Simmons
Title President

"WS"

CITY OF LONG BEACH, a municipal corporation

8/22, 2017

By [Signature]
City Manager

"City"

This Forty-Fourth Amendment to Lighting Contract No. 24289 is approved as to form on 8/11, 2017.

CHARLES PARKIN, City Attorney

By [Signature]
Deputy

EXHIBIT “UU”



City Light & Power, Inc.
6312 S. Fiddlers Green Cir
Suite 200E
Greenwood Village, CO 80111
Tel 720 305 0400

August 1, 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: LED Conversion Phase 3A – Remaining Cobra-head Street & Safety Lights (New Tax Rate)

Mr. Hoey,

City Light & Power, Inc. (CLP) is pleased to submit a proposal to install LED fixtures in the City of Long Beach for the remaining cobra-head street and safety lights. A detailed description is listed below.

CLP will remove the existing high pressure sodium (HPS) and metal halide (MH) cobra-head fixtures and replace them with light emitting diode (LED) cobra-head fixtures. Once the lights are converted, CLP will energize the circuits to ensure the lights are working properly.

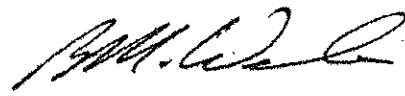
Below is a breakdown of the types of lights (quantities and wattages may vary due to previous and/or unknown park projects completed by the City):

Proposed Fixture	Replacing	Fixture Material (Incl. Tax @ 10.25%)	Install Labor	Labor & Material Total	Overhead	Total Price per Unit	Qty	Extension
Street Lights								
GCJ1-20G-MV-NW-3-GY-350-PCR7-WL	70w HPS	\$131.20	\$ 66.70	\$197.90	\$ 42.79	\$240.69	913	\$219,753.10
GCJ1-20G-MV-NW-3-GY-580-PCR7-WL	100w HPS	\$131.20	\$ 66.70	\$197.90	\$ 42.79	\$240.69	34	\$ 8,183.58
GCJ2-20G-MV-NW-2-GY-1A-PCR7-WL	150w HPS	\$149.94	\$ 66.70	\$216.64	\$ 42.79	\$259.44	594	\$154,104.94
GCJ2-20G-MV-NW-2-GY-1A-PCR7-WL (480v)	150w HPS	\$149.94	\$ 66.70	\$216.64	\$ 42.79	\$259.44	24	\$ 6,226.46
GCM2-30F-MV-NW-3-GY-1A-PCR7-WL	200w HPS	\$192.94	\$ 66.70	\$259.64	\$ 42.79	\$302.43	27	\$ 8,165.70
GCM2-40F-MV-NW-3-GY-1A-PCR7-WL	250w HPS	\$208.37	\$ 66.70	\$275.08	\$ 42.79	\$317.87	270	\$ 85,824.48
GCM2-40F-MV-NW-3-GY-1A-PCR7-WL (480v)	250w HPS	\$208.37	\$ 66.70	\$275.08	\$ 42.79	\$317.87	34	\$ 10,807.53
GCJ1-80F-MV-NW-3-GY-700-PCR7-WL	310w HPS	\$340.67	\$ 66.70	\$407.38	\$ 42.79	\$450.17	20	\$ 9,003.37
GC2-90F-MV-NW-3-GY-700-PCR7-WL	400w HPS	\$417.85	\$ 66.70	\$484.55	\$ 42.79	\$527.34	2	\$ 1,054.69
GC2-90F-MV-NW-3-GY-700-PCR7-WL (480v)	400w HPS	\$417.85	\$ 66.70	\$484.55	\$ 42.79	\$527.34	5	\$ 2,636.72
GCM2-30F-MV-NW-3-GY-1A-PCR7-WL (480v)	175w MH	\$149.94	\$ 66.70	\$216.64	\$ 42.79	\$259.44	46	\$ 11,934.05
GCM2-40F-MV-NW-3-GY-1A-PCR7-WL	250w MH	\$208.37	\$ 66.70	\$275.08	\$ 42.79	\$317.87	15	\$ 4,768.03
GCM2-40F-MV-NW-3-GY-1A-PCR7-WL (480v)	400w MH	\$417.85	\$ 66.70	\$484.55	\$ 42.79	\$527.34	11	\$ 5,800.78
Safety Lights								
GCJ1-20G-MV-NW-3-GY-580-PCR7-WL	100w HPS	\$131.20	\$ 66.70	\$197.90	\$ 42.79	\$240.69	1	\$ 240.69
GCJ2-20G-MV-NW-2-GY-1A-PCR7-WL	150w HPS	\$149.94	\$ 66.70	\$216.64	\$ 42.79	\$259.44	5	\$ 1,297.18
GCM2-30F-MV-NW-3-GY-1A-PCR7-WL	200w HPS	\$192.94	\$ 66.70	\$259.64	\$ 42.79	\$302.43	6	\$ 1,814.60
GCM2-40F-MV-NW-3-GY-1A-PCR7-WL	250w HPS	\$208.37	\$ 66.70	\$275.08	\$ 42.79	\$317.87	71	\$ 22,568.66
Other								
PCR7 Photocell Receptacle		\$ 11.03	\$ -	\$ 11.03		\$ 11.03	2,078	\$ 22,909.95
Shorting Cap		\$ 3.31	\$ -	\$ 3.31		\$ 3.31	2,078	\$ 6,872.99
480v Adder		\$ 82.69	\$ -	\$ 82.69		\$ 82.69	109	\$ 9,012.94
Total							2,078	\$ 592,980

Pricing for this project is **Five Hundred Ninety-Two Thousand Nine Hundred Eighty Dollars (\$592,980).**

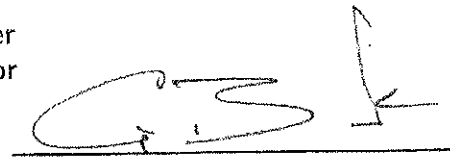
If you have any questions, please call me at (720) 305-0399.

Sincerely,
CITY LIGHT & POWER, INC.



Brad M. Weber
Chief Estimator

Approval:



Date:

8/8/17

Purchase Order No: _____

EXHIBIT “VV”



City Light & Power, Inc.
6312 S Fiddlers Green Cir.
Suite 200E
Greenwood Village, CO 80111
Tel 720 305 0400

August 1, 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: LED Conversion Phase 3B – Post Top Street Lights (Revised Quantities and Tax Rate)

Mr. Hoey,

City Light & Power, Inc. (CLP) is pleased to submit a proposal to install LED fixtures in the City of Long Beach for post top style street lights. A detailed description is listed below.

CLP will remove the existing high pressure sodium (HPS) and metal halide (MH) post top kits and replace them with light emitting diode (LED) post top kits. Once the lights are converted, CLP will energize the circuits to ensure the lights are working properly.

Below is a breakdown of the types of lights (quantities and wattages may vary due to previous and/or unknown park projects completed by the City). Please note that some of the post tops are on 480v circuits which require a small, step-up transformer to be installed. These fixtures are called out as 480v and there is an additional line item with a quantity of one (1) with pricing per each for any additional 480v fixtures.

Proposed Fixture	Replacing	Fixture Material (Incl. Tax)	Install Labor	Labor & Material Total	Overhead	Total Price per Unit	Qty	Extension
Street Lights								
LES-30-7XX-HWD-UN39-UNV-3N EYE LEDIOC (LED CONVERSION KIT)	70w HPS	\$ 209.48	\$ 151.73	\$ 361.20	\$ 65.79	\$ 426.99	614	\$262,174.09
LES-30-7XX-HWD-UN39-UNV-3N EYE LEDIOC (LED CONVERSION KIT)	70w HPS	\$ 248.06	\$ 151.73	\$ 399.79	\$ 65.79	\$ 465.58	16	\$ 7,449.30
LES-30-7XX-HWD-UN39-UNV-3N EYE LEDIOC (LED CONVERSION KIT)	100w HPS	\$ 209.48	\$ 151.73	\$ 361.20	\$ 65.79	\$ 426.99	240	\$102,478.47
LES-50-7XX-HWD-UN39-UNV-3N EYE LEDIOC (LED CONVERSION KIT)	150w HPS	\$ 242.55	\$ 151.73	\$ 394.28	\$ 65.79	\$ 460.07	218	\$100,294.96
LES-50-7XX-HWD-UN39-UNV-3N EYE LEDIOC (LED CONVERSION KIT)	150w HPS	\$ 281.14	\$ 151.73	\$ 432.86	\$ 65.79	\$ 498.66	1	\$ 498.66
LES-50-7XX-HWD-UN39-UNV-3N EYE LEDIOC (LED CONVERSION KIT)	250w HPS	\$ 242.55	\$ 151.73	\$ 394.28	\$ 65.79	\$ 460.07	6	\$ 2,760.41
LES-30-7XX-HWD-UN39-UNV-3N EYE LEDIOC (LED CONVERSION KIT)	70w MH	\$ 209.48	\$ 151.73	\$ 361.20	\$ 65.79	\$ 426.99	55	\$ 23,484.65
LES-30-7XX-HWD-UN39-UNV-3N EYE LEDIOC (LED CONVERSION KIT)	100w MH	\$ 209.48	\$ 151.73	\$ 361.20	\$ 65.79	\$ 426.99	48	\$ 20,495.69
LES-50-7XX-HWD-UN39-UNV-3N EYE LEDIOC (LED CONVERSION KIT)	175w MH	\$ 242.55	\$ 151.73	\$ 394.28	\$ 65.79	\$ 460.07	49	\$ 22,543.36
LES-50-7XX-HWD-UN39-UNV-3N EYE LEDIOC (LED CONVERSION KIT)	250w MH	\$ 242.55	\$ 151.73	\$ 394.28	\$ 65.79	\$ 460.07	12	\$ 5,520.82
Post Top - Mushroom (Naples)								
LES-30-7XX-HWD-UN39-UNV-3N EYE LEDIOC (LED CONVERSION KIT)	70w HPS	\$ 209.48	\$ 151.73	\$ 361.20	\$ 65.79	\$ 426.99	279	\$119,131.22
LES-30-7XX-HWD-UN39-UNV-3N EYE LEDIOC (LED CONVERSION KIT)	100w HPS	\$ 209.48	\$ 151.73	\$ 361.20	\$ 65.79	\$ 426.99	8	\$ 3,419.95
Post Top - Town & Country								
LES-30-7XX-HWD-UN39-UNV-3N EYE LEDIOC (LED CONVERSION KIT)	70w HPS	\$ 209.48	\$ 151.73	\$ 361.20	\$ 65.79	\$ 426.99	178	\$ 76,004.87
LES-30-7XX-HWD-UN39-UNV-3N EYE LEDIOC (LED CONVERSION KIT)	100w HPS	\$ 209.48	\$ 151.73	\$ 361.20	\$ 65.79	\$ 426.99	372	\$158,041.63
Post Top - 200w HPS Equivalent (Pine Ave Safety)								
KCK199R-B3AR-IV-100 (SSL) LED-1054-110/277 (KING LUMINAIRE)	200w HPS	\$ 694.58	\$ 151.73	\$ 846.30	\$ 65.79	\$ 912.09	25	\$ 22,802.34
120/277 x 480v Step-Up Transformer		\$ 38.59	\$ 151.73	\$ 190.31	\$ 65.79	\$ 256.11	1	\$ 256.11
Total							2,121	\$ 928,153

Model Number	CCT/Kelvin Rating
LES-30-730-HWD-UN39-UNV-3N EYE LEDIOC (LED CONVERSION KIT)	3000K
LES-30-740-HWD-UN39-UNV-3N EYE LEDIOC (LED CONVERSION KIT)	4000K
LES-50-730-HWD-UN39-UNV-3N EYE LEDIOC (LED CONVERSION KIT)	3000K
LES-50-740-HWD-UN39-UNV-3N EYE LEDIOC (LED CONVERSION KIT)	4000K

CCT/Kelvin selection and quantities based on direction by the City of Long Beach.
 Post top retro-fit kits selected by the City of Long Beach and TRC Consulting.

Pricing for this project is **Nine Hundred Twenty-Eight Thousand One Hundred Fifty-Three Dollars (\$928,153)**

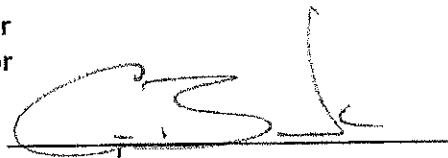
If you have any questions, please call me at (720) 305-0399.

Sincerely,
 CITY LIGHT & POWER, INC.



Brad M. Weber
 Chief Estimator

Approval:



Date:

8/8/17

Purchase Order No: _____