

1 THIRTY-THIRD AMENDMENT TO LIGHTING CONTRACT NO. 24289

2 **24289**

3 THIS THIRTY-THIRD AMENDMENT is made and entered, in duplicate, as  
4 of October 15, 2013 for reference purposes only, pursuant to a minute order adopted by  
5 the City Council of the City of Long Beach at its meeting held on November 21, 1995, by  
6 and between WS LIGHT & POWER, INC., a California corporation ("WS"), assignee of  
7 CITY LIGHT & POWER, INC., a California corporation ("CLP"), and the CITY OF LONG  
8 BEACH, a municipal corporation ("City").

9 WHEREAS, the parties entered the Lighting Contract whereby CLP agreed  
10 to convert the City's Street Light System and perform other work with respect to Other  
11 Lights, and simultaneously the parties entered Lease No. 24290 whereby the City leased  
12 the street light system to CLP, which Lease contained an obligation by CLP to maintain  
13 the system; and

14 WHEREAS, now the City desires that WS perform other work and  
15 maintenance with respect to Other Lights and with respect to newly installed lights in new  
16 development in the City, and WS is willing to do so;

17 NOW, THEREFORE, in consideration of the mutual terms and conditions  
18 contained in the Lighting Contract and in the Lease, the parties agree as follows:

19 1. Section 35 of the Lighting Contract is hereby amended by the  
20 addition of Sub-section 35.8 to read as follows:

21 "35.8 Maintenance of Miscellaneous Lighting. WS shall maintain and  
22 operate the miscellaneous lighting identified in Exhibit "GG", attached to this Thirty-Third  
23 Amendment and incorporated by reference, and the City shall pay to WS for such  
24 maintenance and operation the annual sum of Forty-Nine Thousand Seven Hundred  
25 Ninety-Two Dollars (\$49,792). To the extent applicable, any and all terms and conditions  
26 relating to the Street Light System contained in Lighting Contract No. 24289, including all  
27 exhibits, shall apply to such maintenance and operation."

28 3. Except as expressly amended herein, all of the terms and conditions

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

1 contained in Lighting Contract No. 24289, as previously amended, are ratified and  
2 confirmed and shall remain in full force and effect.

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

5 WS LIGHT & POWER, INC., a California  
6 corporation  
7 Oct. 31, 2013, 2013 By [Signature]  
8 Name William J. Simmons  
9 Title President

10 October 29, 2013, 2013 By \_\_\_\_\_  
11 Name Tom Simmons  
12 Title V. President

13 "WS"  
14 CITY OF LONG BEACH, a municipal  
15 corporation  
16 11.12, 2013 By [Signature] **Assistant City Manager**  
17 City Manager

EXECUTED PURSUANT  
TO SECTION 301 OF  
THE CITY CHARTER.

18 This Thirty-Third Amendment to Lighting Contract No. 24289 is approved as  
19 to form on 11/5, 2013.

20 CHARLES PARKIN, City Attorney  
21 By [Signature]  
22 Deputy

# EXHIBIT “GG”

ADDED LIGHTS FOR O&M

OPERATION & MAINTENANCE

| ITEM No.                       | LOCATION                                 | DESCRIPTION                        | LAMP TYPE | LAMP WATTAGE | LAMP QTY (A) | MONTHLY COST PER EA | ANNUAL COST PER EA (B) | EXTENDED ANNUAL O&M COST (A*B) |
|--------------------------------|--|------------------------------------|-----------|--------------|--------------|---------------------|------------------------|--------------------------------|
| <b>New Lights Added</b>        |  |                                    |           |              |              |                     |                        |                                |
| 1                              | Ravenna Bridge Spanwalks                 | New Fixtures / Poles               | HPS       | 70           | 2            | \$ 6.00             | \$ 72                  | \$ 144                         |
| 2                              | Birmingham & Atlantic                    | 1 new pole                         | HPS       | 70           | 1            | \$ 6.00             | \$ 72                  | \$ 72                          |
| 3                              | 2492 Roosevelt (Arm / Fixture Only)      | New arm & fixture on existing pole | HPS       | 70           | 1            | \$ 6.00             | \$ 72                  | \$ 72                          |
| 4                              | Loma Vista & Chestnut                    | New Fixtures/Poles                 | HPS       | 100          | 2            | \$ 6.00             | \$ 72                  | \$ 143                         |
| 5                              | Rosie Riveter Park                       | New Fixtures / Poles / Pedestal    | HPS       | 100          | 4            | \$ 6.00             | \$ 72                  | \$ 720                         |
| 6                              | Hill & Webster                           | New Fixtures/Poles                 | HPS       | 250          | 4            | \$ 6.00             | \$ 72                  | \$ 288                         |
| 7                              | Spring (Airport Way to 405 Fwy)          | New 1C4-31                         | HPS       | 250          | 9            | \$ 6.00             | \$ 72                  | \$ 648                         |
| 8                              | Seaside & Chestnut                       | New Fixtures/Poles                 | MH        | 250          | 4            | \$ 7.17             | \$ 86                  | \$ 344                         |
| 9                              | Volleyball Court Lighting - Belmont Pool | 2 fixtures/pole                    | MH        | 400          | 8            | \$ 7.17             | \$ 86                  | \$ 684                         |
| 10                             | Douglas Park                             | New Fixtures/Poles                 | HPS       | 200, 250     | 25           | \$ 6.00             | \$ 72                  | \$ 1,789                       |
| <b>Subtotal for New Lights</b> |  |                                    |           |              |              |                     |                        |                                |
|                                |  |                                    |           |              |              |                     |                        | <b>\$ 4,904</b>                |

UTILITY COST

| RATE SCHEDULE | NET KWH USED PER MONTH PER EA | TOTAL KWH PER MONTH | COST PER KWH | ENERGY COST PER MONTH | ANNUAL ENERGY COST PER EA | TOTAL ANNUAL ENERGY COST |
|---------------|-------------------------------|---------------------|--------------|-----------------------|---------------------------|--------------------------|
| LS-3          | 29                            | 57                  | \$0.051      | \$ 2.91               | \$ 35                     | \$ 35                    |
| LS-3          | 29                            | 29                  | \$0.051      | \$ 1.48               | \$ 18                     | \$ 18                    |
| LS-3          | 29                            | 29                  | \$0.051      | \$ 1.48               | \$ 18                     | \$ 18                    |
| LS-3          | 40                            | 81                  | \$0.051      | \$ 4.13               | \$ 49                     | \$ 49                    |
| LS-3          | 40                            | 404                 | \$0.051      | \$ 20.60              | \$ 247                    | \$ 247                   |
| LS-3          | 108                           | 432                 | \$0.051      | \$ 22.17              | \$ 264                    | \$ 264                   |
| LS-3          | 108                           | 972                 | \$0.051      | \$ 49.69              | \$ 594                    | \$ 594                   |
| LS-3          | 102                           | 407                 | \$0.051      | \$ 20.74              | \$ 249                    | \$ 249                   |
| LS-3          | 158                           | 1,264               | \$0.051      | \$ 64.45              | \$ 773                    | \$ 773                   |
| LS-3          | 98                            | 2,445               | \$0.051      | \$ 125.10             | \$ 1,485                  | \$ 1,485                 |
|               |                               |                     |              |                       | <b>\$</b>                 | <b>\$ 3,740</b>          |

Upgraded Lights

|                                     |                                  |   |          |         |     |         |       |                 |
|-------------------------------------|----------------------------------|---|----------|---------|-----|---------|-------|-----------------|
| 11                                  | 223 W 9th Street                 | Upgrade Fixture from 100w HPS                         | HPS      | 150     | 1   | \$ -    | \$ -  | \$ -            |
| 12                                  | Across From 6961 Eureka          | Upgrade Fixture from 70w HPS                          | HPS      | 150     | 1   | \$ -    | \$ -  | \$ -            |
| 13                                  | Brookway & 3rd Street            | Upgrade Fixtures from HPS                             | MH       | Various | 91  | \$ 1.00 | \$ 12 | \$ 1,063        |
| 14                                  | Pine Street                      | Upgrade Fixtures from HPS                             | MH       | Various | 159 | \$ 1.00 | \$ 12 | \$ 1,857        |
| 15                                  | Seaside, Various Locations       | Upgrade Fixtures, Add 2 New Fixtures / Poles from HPS | MH       | Various | 84  | \$ 1.13 | \$ 14 | \$ 1,138        |
| 16                                  | Pine between Seaside & Shoreline | Remove & Replace Poles/Fixtures                       | MH & HPS | Various | 12  | \$ -    | \$ 6  | \$ 70           |
| <b>Subtotal for Upgraded Lights</b> |                                  |   |          |         |     |         |       |                 |
|                                     |                                  |   |          |         |     |         |       | <b>\$ 4,127</b> |

Specialty Lights

|                                      |   |   |            |         |     |          |        |                  |
|--------------------------------------|---|---|------------|---------|-----|----------|--------|------------------|
| 17                                   | Colonade Park   | New Decorative Post-Top Fixtures / Poles                    | HPS        | 150     | 2   | \$ 7.28  | \$ 87  | \$ 174           |
| 18                                   | East Village (1st & 4th Street from Alamos to Long Beach) | New Fixtures / Poles (Decorative Post-Top)                  | MH         | 70      | 145 | \$ 8.90  | \$ 107 | \$ 15,494        |
| 19                                   | Rosie Riveter Park - Up-lighting                          | New Fixtures / Poles / Pedestal                             | MH & Fluor | Various | 9   | \$ 9.01  | \$ 108 | \$ 873           |
| 20                                   | Wilson High School  | CSULB Bellflower & Palo Verde Between 7th Street & Alherton | LED        | 150     | 43  | \$ 9.21  | \$ 111 | \$ 4,752         |
| 21                                   | Atlantic from South St to 59th St                         | Upgrade HPS Fixtures to LED                                 | LED        | 150     | 30  | \$ 1.75  | \$ 21  | \$ 630           |
| 22                                   | Douglas Park Naatalig Poles & Fixtures                    | Remove & Replace Poles/Fixtures                             | HPS        | Various | 21  | \$ 11.91 | \$ 143 | \$ 3,001         |
| 23                                   | Douglas Park Naatalig Poles & Fixtures                    | New Fixtures/Poles (Decorative)                             | HPS        | 150     | 137 | \$ 7.60  | \$ 91  | \$ 12,495        |
| <b>Subtotal for Specialty Lights</b> |   |   |            |         |     |          |        |                  |
|                                      |   |   |            |         |     |          |        | <b>\$ 37,519</b> |

ADDED LIGHTS FOR O&M

| ITEM No.                      | LOCATION                        | DESCRIPTION               | LAMP TYPE | LAMP WATTAGE | LAMP QUANTITY (A) | MONTHLY COST PER EA | ANNUAL COST PER EA (B) | EXTENDED ANNUAL O&M COST (A*B) | RATE SCHEDULE | NET KWH USED PER MONTH PER EA | TOTAL KWH PER MONTH | CDST PER KWH | ENERGY COST PER MONTH | ANNUAL ENERGY COST PER EA | TOTAL ANNUAL ENERGY COST |
|-------------------------------|---------------------------------|---------------------------|-----------|--------------|-------------------|---------------------|------------------------|--------------------------------|---------------|-------------------------------|---------------------|--------------|-----------------------|---------------------------|--------------------------|
| Safety Lights                 |                                 |                           |           |              |                   |                     |                        |                                |               |                               |                     |              |                       |                           |                          |
| 24                            | Cherry & Cover Safety Lights    | New Safety Poles/Fixtures | HPS       | 250          | 5                 | \$ 4.91             | \$ 59                  | \$ 295                         | LS-3          | 108                           | 540                 | \$0.051      | \$ 28                 | \$ 66                     | \$ 330                   |
| 25                            | Long Beach Blvd. & 67th Street  | New Safety Poles/Fixtures | HPS       | 250          | 4                 | \$ 4.91             | \$ 59                  | \$ 236                         | LS-3          | 108                           | 432                 | \$0.051      | \$ 22                 | \$ 66                     | \$ 264                   |
| 26                            | Atlantic & 11th Street          | New Safety Poles/Fixtures | HPS       | 250          | 4                 | \$ 4.91             | \$ 59                  | \$ 236                         | LS-3          | 108                           | 432                 | \$0.051      | \$ 22                 | \$ 66                     | \$ 264                   |
| 27                            | Studebaker & Los Arcos          | New Safety Poles/Fixtures | HPS       | 250          | 5                 | \$ 4.91             | \$ 59                  | \$ 295                         | LS-3          | 108                           | 540                 | \$0.051      | \$ 28                 | \$ 66                     | \$ 330                   |
| 28                            | Conard St. & Lakewood Blvd.     | New Safety Poles/Fixtures | HPS       | 250          | 6                 | \$ 4.91             | \$ 59                  | \$ 354                         | LS-3          | 108                           | 648                 | \$0.051      | \$ 33                 | \$ 66                     | \$ 396                   |
| 29                            | Carson St. & Lakewood Blvd.     | New Safety Poles/Fixtures | HPS       | 250          | 4                 | \$ 4.91             | \$ 59                  | \$ 236                         | LS-3          | 108                           | 432                 | \$0.051      | \$ 22                 | \$ 66                     | \$ 264                   |
| 30                            | Cover St. & Lakewood Blvd.      | New Safety Poles/Fixtures | HPS       | 250          | 5                 | \$ 4.91             | \$ 59                  | \$ 295                         | LS-3          | 108                           | 540                 | \$0.051      | \$ 28                 | \$ 66                     | \$ 330                   |
| 31                            | Pine & Bay Street               | New Safety Poles/Fixtures | HPS       | 250          | 5                 | \$ 4.91             | \$ 59                  | \$ 295                         | LS-3          | 108                           | 540                 | \$0.051      | \$ 28                 | \$ 66                     | \$ 330                   |
| 32                            | Palo Verde & Metz               | New Safety Poles/Fixtures | HPS       | 250          | 4                 | \$ 4.91             | \$ 59                  | \$ 236                         | LS-3          | 108                           | 432                 | \$0.051      | \$ 22                 | \$ 66                     | \$ 264                   |
| 33                            | Park & 10th Street              | New Safety Poles/Fixtures | HPS       | 250          | 5                 | \$ 4.91             | \$ 59                  | \$ 295                         | LS-3          | 108                           | 540                 | \$0.051      | \$ 28                 | \$ 66                     | \$ 330                   |
| 34                            | 55th Way & Paramount Blvd       | New Safety Poles/Fixtures | HPS       | 250          | 4                 | \$ 4.91             | \$ 59                  | \$ 236                         | LS-3          | 108                           | 432                 | \$0.051      | \$ 22                 | \$ 66                     | \$ 264                   |
| 35                            | Long Beach Blvd. & Roosevelt Rd | New Safety Poles/Fixtures | HPS       | 250          | 4                 | \$ 4.91             | \$ 59                  | \$ 236                         | LS-3          | 108                           | 432                 | \$0.051      | \$ 22                 | \$ 66                     | \$ 264                   |
| Subtotal for Safety Lights    |                                 |                           |           |              |                   |                     |                        |                                |               | 55                            |                     |              |                       | \$ 3,241                  | \$ 3,630                 |
| Overall Total                 |                                 |                           |           |              |                   |                     |                        |                                |               | 856                           |                     |              |                       | \$ 49,792                 | \$ 19,209                |
| Average Annual Cost Per Light |                                 |                           |           |              |                   |                     |                        |                                |               |                               |                     |              |                       | \$ 59.17                  |                          |