

**Office of the City Engineer**

**John C. Rooney, P.E.**  
Assistant Commissioner of Public Works/  
City Engineer



City Hall  
730 Washington Avenue  
Racine, WI 53403  
262.636.9191  
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**MEMO**

November 18, 2014

**TO:** Alderman Jim Kaplan, Chairman  
Public Works and Services Committee

**FROM:** John C. Rooney, City Engineer/Asst. Commissioner *JCR*  
Department of Public Works

**RE:** Change Order #2 - Rectifying, Contract 08-14 (K4-008) 2014 Signal & Street  
Lighting Replacement - South Street & Mt. Pleasant Street; Outdoor Lighting  
Construction Company, Inc. - contractor

We are submitting Change Order #2 on the above contract for the decreased amount of \$5,015.21 from the money encumbered for the project.

The project was approved under Resolution Number 14-0159 of April 14, 2014 was in the amount of \$297,362.39. Change Order No. 1 for the contract approved earlier increased the contract amount by \$13,719.56 to \$311,081.95.

This change order will adjust the total contract amount to \$306,066.74; the funding for the project should be adjusted as follows:

**FUNDING:**

| <u>Account No.</u> | <u>Description</u>       | <u>Amount</u> |
|--------------------|--------------------------|---------------|
| 994.590.5030       | Transclosure Elimination | \$ -5,015.21  |
|                    | <b>TOTAL</b>             | \$ -5,015.21  |

APM/  
cc: Joy Hansche  
File

CITY OF RACINE  
DEPARTMENT OF PUBLIC WORKS  
CONTRACT CHANGE ORDER

Contract No. & Name 08-14 (K4-008) 2014 Traffic Signal & Street Lighting Replacement

|                   |                                       |                   |               |
|-------------------|---------------------------------------|-------------------|---------------|
| C.O. No. <u>2</u> | Funding Account (s)                   | Original Contract | \$ 297,362.39 |
|                   | <u>993.600.5010      994.600.5010</u> | Previous C.O.'s   | \$ 13,719.56  |
|                   | <u>992.590.5010      994.590.5010</u> | Contract Total    | \$ 311,081.95 |

Contractor Outdoor Lighting Construction Co., Inc.

We mutually agree to the contract change order as herein delineated.

| Item No. | Description of Changes - Quantities, Units, Unit Prices, Change in Completion Schedule.    |          |      |            | Decrease in Contract | Increase in Contract |
|----------|--|----------|------|------------|----------------------|----------------------|
|          | Add or delete the following items according to the quantities and unit prices shown below: |          |      |            |                      |                      |
| 1        | Removing Concrete Sidewalk   | (7.80)   | SY @ | \$26.75    | \$208.65             |                      |
| 2        | Removing Concrete Bases  | 26.00    | EA @ | \$393.00   |                      | \$10,218.00          |
| 3        | Concrete Sidewalk 6-Inch   | (70.70)  | SF @ | \$9.75     | \$689.33             |                      |
| 4        | Traffic Control (Traffic Signal Sight)   | 0.00     | LS @ | \$3,450.00 |                      |                      |
| 5        | Traffic Control (Street Lighting Site)   | 0.00     | LS @ | \$3,220.00 |                      |                      |
| 6        | Traffic Control (LibertyMound & Marquette Site)  | (1.00)   | LS @ | \$1,990.00 | \$1,990.00           |                      |
| 7        | Traffic Control (14th & Grand Site)  | 0.00     | LS @ | \$1,740.00 |                      |                      |
| 8        | Pavement Marking Epoxy 4-Inch  | (425.00) | LF @ | \$3.05     | \$1,296.25           |                      |
| 9        | Removing Pavement Markings   | 33.00    | LF @ | \$2.55     |                      | \$84.15              |
| 10       | Pavement Marking Curb Epoxy  | (7.00)   | LF @ | \$6.50     | \$45.50              |                      |
| 11       | Pavement Marking Stop Line Epoxy 12-Inch   | (21.00)  | LF @ | \$9.30     | \$195.30             |                      |
| 12       | Pavement Marking Island Nose Epoxy   | 0.00     | EA @ | \$150.00   |                      |                      |
| 13       | Pavement Marking Diagonal Epoxy 6-Inch   | (11.00)  | LF @ | \$6.20     | \$68.20              |                      |
| 14       | Pavement Marking Crosswalk Epoxy 6-Inch  | (19.00)  | LF @ | \$7.55     | \$143.45             |                      |
| 15       | Conduit Rigid Nonmetallic Schedule 40, 2-Inch  | (413.00) | LF @ | \$5.70     | \$2,354.10           |                      |
| 16       | Conduit Rigid Nonmetallic Schedule 40, 3-Inch  | (2.00)   | LF @ | \$7.11     | \$14.22              |                      |
| 17       | Conduit Rigid Nonmetallic Schueule 40, 4-Inch  | (18.00)  | LF @ | \$7.85     | \$141.30             |                      |
| 18       | Conduit Special 2-Inch   | (770.00) | LF @ | \$11.50    | \$8,855.00           |                      |
| 19       | Conduit Special 3-Inch   | 140.00   | LF @ | \$13.66    |                      | \$1,912.40           |
| 20       | Conduit Special 4-Inch   | (77.00)  | LF @ | \$18.15    | \$1,397.55           |                      |
| 21       | Pull Boxes Steel 24 x 36 - Inch, Grounded  | 0.00     | EA @ | \$722.00   |                      |                      |
| 22       | Pull Boxes Steel 24 x 42 - Inch, Grounded  | (1.00)   | EA @ | \$739.00   | \$739.00             |                      |
| 23       | Remove Pull Boxes Steel 24 x 36 - Inch   | (1.00)   | EA @ | \$670.00   | \$670.00             |                      |
| 24       | Concrete Bases Type 1  | 0.00     | EA @ | \$555.00   |                      |                      |
| 25       | Concrete Bases Type 2  | 0.00     | EA @ | \$730.00   |                      |                      |
| 26       | Concrete Bases Type 5  | 1.00     | EA @ | \$633.00   |                      | \$633.00             |
| 27       | Concrete Control Cabinet Base Type 7   | (1.00)   | EA @ | \$1,430.00 | \$1,430.00           |                      |
| 28       | Concrete Control Cabinet Base Type 9   | 1.00     | EA @ | \$1,445.00 |                      | \$1,445.00           |
| 29       | Cable Traffic Signal 15 Conductor No. 14 AWG   | (272.00) | LF @ | \$1.80     | \$489.60             |                      |
| 30       | Cable Traffic Signal 21 Conductor No. 14 AWG   | (365.00) | LF @ | \$2.65     | \$967.25             |                      |
| 31       | Electrical Wire Traffic Signals No. 10 AWG   | (34.00)  | LF @ | \$0.70     | \$23.80              |                      |
| 32       | Electrical Wire Lighting, 12 AWG   | (696.00) | LF @ | \$0.57     | \$396.72             |                      |
| 33       | Electrical Wire Lighting, 8 AWG  | 1327.00  | LF @ | \$0.78     |                      | \$1,035.06           |
| 34       | Electrical Wire Lighting, 4 AWG  | 2321.00  | LF @ | \$1.20     |                      | \$2,785.20           |
| 35       | Loop Detector Lead In Cable  | (320.00) | LF @ | \$1.44     | \$460.80             |                      |
| 36       | Electric Service Meter Breaker Pedestal  | 0.00     | EA @ | \$830.00   |                      |                      |
|          | Page Total Decrease  |          |      |            | \$22,576.02          |                      |
|          | Page Total Increase  |          |      |            |                      | \$18,112.81          |

CITY OF RACINE  
DEPARTMENT OF PUBLIC WORKS  
CONTRACT CHANGE ORDER

Contract No. & Name 08-14 (K4-008) 2014 Traffic Signal & Street Lighting Replacement

|                   |   |                   |    |            |
|-------------------|---|-------------------|----|------------|
| C.O. No. <u>2</u> | Funding Account (s)                     | Original Contract | \$ | 297,362.39 |
|                   | <u>993.600.5010</u> <u>993.590.5010</u> | Previous C.O.'s   | \$ | 13,719.56  |
|                   | <u>992.590.5010</u> <u>992.980.5320</u> | Contract Total    | \$ | 311,081.95 |

Contractor Outdoor Lighting Construction Co., Inc.

We mutually agree to the contract change order as herein delineated.

| Item No.                       | Description of Changes - Quantities, Units, Unit Prices, Change in Completion Schedule.    |        |    |   | Decrease in Contract | Increase in Contract |
|--------------------------------|--|--------|----|---|----------------------|----------------------|
|                                | Add or delete the following items according to the quantities and unit prices shown below: |        |    |   |                      |                      |
|                                | Total Decrease from Previous Page  |        |    |   | \$ 22,576.02         |                      |
|                                | Total Increase from Previous Page  |        |    |   |                      | \$ 18,112.81         |
| 37                             | Pedestal Bases   | 0.00   | EA | @ | \$146.00             |                      |
| 38                             | Transformer Bases Standard 11 1/2 Bolt Circle  | (2.00) | EA | @ | \$276.00             | \$ 552.00            |
| 39                             | Type 3 Pole  | 0.00   | EA | @ | \$2,201.00           |                      |
| 40                             | Traffic Signal Standard Aluminum 10-FT   | 0.00   | EA | @ | \$260.00             |                      |
| 41                             | Luminaire Arms Single member 4 1/2 Inch Clamp 6-FT   | 0.00   | EA | @ | \$155.00             |                      |
| 42                             | Signal Mounting Hardware (location)  | 0.00   | LS | @ | \$1,399.00           |                      |
| 43                             | Video Detection System, 2-camera   | 0.00   | EA | @ | \$11,018.00          |                      |
| 44                             | Microwave Base Detection System  | 0.00   | EA | @ | \$7,599.00           |                      |
| 45                             | IP Wireless Radio, Furnish   | 0.00   | EA | @ | \$1,965.00           |                      |
| 46                             | IP Wireless Radio, Install   | 0.00   | EA | @ | \$1,280.00           |                      |
| 47                             | Trombone Arms 15 Foot  | 0.00   | EA | @ | \$810.00             |                      |
| 48                             | Pedestrian Push Buttons, Special   | 0.00   | EA | @ | \$306.00             |                      |
| 49                             | Count Down Pedestrian Signal Faces, LED  | 0.00   | EA | @ | \$426.00             |                      |
| 50                             | Traffic Signal Controller 8-Phare (3808m52) Control  | 0.00   | EA | @ | \$12,660.00          |                      |
| 51                             | Salvage Traffic Signal and Street Lighting Equipment                                       | 0.00   | LS | @ | \$5,862.00           |                      |
| 52                             | Take Down & Reset Poles  | 0.00   | EA | @ | \$647.00             |                      |
| 53                             | Reinstall Signal Equipment   | 0.00   | LS | @ | \$1,850.00           |                      |
| 54                             | Install Ground Mounted Control Cabinet (furnished by City)                                 | 0.00   | EA | @ | \$940.00             |                      |
| 55                             | Luminaire Utility, 60 LED  | 0.00   | EA | @ | \$531.00             |                      |
| 56                             | Signs Reflective Type II   | 0.00   | SF | @ | \$35.64              |                      |
|                                | Total Decrease   |        |    |   | \$ 23,128.02         |                      |
|                                | Total Increase   |        |    |   |                      | \$ 18,112.81         |
|                                | Change in Contract Amount due to this Change Order   |        |    |   |                      | \$ (5,015.21)        |
| Adjusted Contract Amount ..... |  |        |    |   |                      | \$ 306,066.74        |

The time provided for completion of the contract is unchanged, ~~increased~~, decreased-by \_\_\_\_ calendar days. This document shall become an amendment to the contract and all provisions of the contract will apply hereto.

Accepted by: \_\_\_\_\_  
 Recommended by: Chris P. Molitor Contractor  
 \_\_\_\_\_ Engineer/Department Head  
 Approved by: \_\_\_\_\_  
 \_\_\_\_\_ Finance Director  
 Approved by: \_\_\_\_\_  
 \_\_\_\_\_ Commissioner of Public Works  
 Authorized by Resolution No: \_\_\_\_\_

11-14-14  
 \_\_\_\_\_ Date  
 \_\_\_\_\_ Date  
 \_\_\_\_\_ Date  
 \_\_\_\_\_ Date  
 \_\_\_\_\_ Date