

RESOLUTION NO. 2020-128

A RESOLUTION AWARDING OPEN-END CONTRACTS FOR THE FURNISHING AND DELIVERY OF LED STREET AND AREA LIGHTING FOR THE VINELAND MUNICIPAL ELECTRIC UTILITY – DISTRIBUTION DIVISION.

WHEREAS, the City of Vineland has heretofore advertised for bids for the furnishing and delivery of LED Street and Area Lighting for the Vineland Municipal Electric Utility – Distribution Division, for a period of one year from date of award, with option for a second year, in accordance with specifications on file in the office of the Purchasing Agent; and

WHEREAS, on February 11, 2020, bids were received, duly opened and read aloud, being referred to the Business Administrator for tabulation, evaluation, report and recommendation; and

WHEREAS, the Business Administrator has, under date of March 3, 2020 submitted a written report and tabulation of the bids received and has recommended that open-end contracts for the furnishing and delivery of LED Street and Area Lighting for the Vineland Municipal Electric Utility – Distribution Division, be awarded on an individual line item basis to the respective low bidders as provided in the specifications as follows:

**Wesco Distribution, Richmond, Virginia –**

|  |             |                    |
|--|-------------|--------------------|
| Part 2.01 – Street Light Luminaires (Cobrahead) - Item 570-002 | est.        | \$ 8,068.00        |
| Part 2.05 – Contemporary Series LED – Item 570-028             | est.        | \$ <u>1,884.43</u> |
|  | Est. Total: | \$ 9,952.43        |

**Solarmax LED, Inc., Riverside, California –**

|   |             |                    |
|---|-------------|--------------------|
| Part 2.01 – Street Light Luminaires (Cobrahead) - Item 570-040                          | est.        | \$ 37,532.00       |
| Part 2.01 – Street Light Luminaires (Cobrahead) - Item 570-041                          | est.        | \$ 50,540.00       |
| Part 2.01 – Street Light Luminaires (Cobrahead) - Item 570-043                          | est.        | \$ 6,656.85        |
| Part 2.01 – Street Light Luminaires (Cobrahead) - Item 570-044                          | est.        | \$ 2,382.90        |
| Part 2.02 – Street Light Luminaires (Cobrahead) - Special Purpose Use<br>- Item 570-045 | est.        | \$ <u>3,904.50</u> |
|   | Est. Total: | \$ 101,016.25      |

**Rumsey Electric Co., Conshohocken, Pennsylvania –**

|  |             |                     |
|--|-------------|---------------------|
| Part 2.01 – Street Light Luminaires (Cobrahead) – Item 570-042 | est.        | \$ 34,050.00        |
| Part 2.03 – Post Top Colonial Style LED – Item 570-026         | est.        | \$ 18,000.00        |
| Part 2.06 – Flood Lights - Item 570-181                        | est.        | \$ <u>57,440.00</u> |
|  | Est. Total: | \$109,490.00        |

**Billows Electric Supply Company, Inc., Delran, New Jersey –**

|   |      |           |
|---|------|-----------|
| Part 2.04 – Acorn LED Conversion Kit – Item 570-027 | est. | \$ 987.00 |
|---|------|-----------|

**Total Estimated Award \$221,445.68**

BE IT RESOLVED by the Council of the City of Vineland that said open-end contract for the furnishing and delivery of LED Street and Area Lighting for the Vineland Municipal Electric Utility – Distribution Division, for a period of one year from date of award, with option for a second year, be and the same is awarded on an individual line item basis to the respective low bidders as provided in the specifications, as stated above bid received and considered in the best interest of the City of Vineland, and the Purchasing Agent be and the same is hereby authorized and directed to issue purchase order contract for the same in behalf of the City; and

BE IT FURTHER RESOLVED that the Chief Financial Officer has certified that the funds for the contract to be awarded herein are available.

Adopted:

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President of Council

ATTEST:

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City Clerk



**BID EVALUATION FORM**

DEPARTMENT Electric Distribution Date: 3/06/2020

The undersigned recommends that a contract be awarded for the following:

- 1. Bid Title: LED Street & Area Lighting
- 2. Amount to be Awarded: \$221,445.68 (REVISED)

- Encumber Total Award
- Encumber by Supplemental Release

3. Engineer's Estimate: \$340,200.00

4. Amount Budget: \$ 200,000 + 150,000=\$350,000

5. Account Number to be Charged: 0-05-55-512-9003-52000 / E371 & E373

6. Date Bids Received: 02/11/2020

7. Date to be Awarded: 03/10/2020

8. Recommended Vendor: Wesco, Solarmax, Rumsey, and Billows

9. Is Recommended Vendor the Apparent Lowest Bidder?  Yes  No

10. Comments/Special Instructions:

11. Evaluation Performed by: Dexter L. Gordon/ Supervising Engineer (REVISED)

*Dexter L. Gordon*  
*03/06/20*

12. Approved By: *J. Boyle*

*John Lillie*

13. Attached: (Check-Off List)

- Tabulation of Bids
- Justification for Vendor Recommendation (if applicable)
- Evaluation Data (if applicable)

**Send copies to:**  
Purchasing Department  
Business Administration



# Recommendation Lighting Luminaires

## Bid #2019-054

for

Bids Received on 02/11/2020

Awarded on 03/10/2020

| Part 2.01 Street Lighting Luminaires (LED Type) |                                    |          |                 |   |               |          | Estimated  |             |                     |  |
|---|------------------------------------|----------|-----------------|---|---------------|----------|------------|-------------|---------------------|--|
| Item  | Description                        | Vendor   | Manufacturer    | Part Number                               | Delivery      | Quantity | unit price |             |                     |  |
| 570-002   | 75 W LED Type V Luminaire -----    | Wesco    | GE              | ERL1008D340AGRAYLR                        | 15 days       | 50       | \$161.36   | \$8,068.00  |                     |  |
| 570-040   | 56 W LED Type III Luminaire -----  | Solarmax | Solarmax        | SMX-35WiE-NV-LV2-00-4070-T302-P-10        | 7-9 weeks     | 400      | \$93.83    | \$37,532.00 |                     |  |
| 570-041   | 75 W LED Type III Luminaire -----  | Solarmax | Solarmax        | SMX-72WiE-NV-LV2-00-4070-T302-P-10        | 7-9 weeks     | 400      | \$126.35   | \$50,540.00 |                     |  |
| 570-042   | 108 W LED Type III Liminaire ----- | Rumsey   | Philips (Lumec) | RFS-108W32LED4K-T-R3M-UNV-DMG-RCD-SP2-GY3 | 6 - 8 wks ARO | 200      | \$170.25   | \$34,050.00 |                     |  |
| 570-043   | 165 W LED Type III Luminaire ----- | Solarmax | Solarmax        | SMX-115WiE-NV-LV2-00-4070-T302-P-10       | 7-9 weeks     | 45       | \$147.93   | \$6,656.85  |                     |  |
| 570-044   | 210 W LED Type III Luminaire ----- | Solarmax | Solarmax        | SMX-190WiE-NV-LV2-00-4070-T302-P-10       | 7-9 weeks     | 15       | \$158.86   | \$2,382.90  |                     |  |
| <b>Sub-Total Part 2.01:</b>                     |                                    |          |                 |   |               |          |            |             | <b>\$139,229.75</b> |  |

**Awarded to**

**Wesco**

- 1 Manufacturer: GE
- 2 Delivery: 15 days
- 3 Pricing of 2nd year: Increase subject to market.

**Solarmax**

- 1 Manufacturer: Solarmax
- 2 Delivery: 7-9 weeks
- 3 Pricing of 2nd year: Same as first year.

**Rumsey**

- 1 Manufacturer: Phillips (LUMEC)
- 2 Delivery: 6-8 weeks ARO
- 3 Pricing of 2nd year: Maximum of 1.06%

**Part 2.02 Street Light Fixtures (LED Type) - Special Purpose**

| Item                        | Description                        | Vendor   | Manufacturer | Part Number                         | Delivery  | Estimated |          |            |                   |  |
|-----------------------------|------------------------------------|----------|--------------|-------------------------------------|-----------|-----------|----------|------------|-------------------|--|
|                             |                                    |          |              |                                     |           |           | Quantity | unit price |                   |  |
| 570-045                     | 150 W LED Type III Luminaire ----- | Solarmax | Solarmax     | SMX-110WiE-NV-LV2-00-4070-T302-P-10 | 6-8 weeks | 30        | \$130.15 | \$3,904.50 |                   |  |
| <b>Sub-Total Part 2.02:</b> |                                    |          |              |                                     |           |           |          |            | <b>\$3,904.50</b> |  |

**Awarded to**

**Solarmax**

- 1 Manufacturer: Solarmax
- 2 Delivery: 6-8 weeks
- 3 Pricing of 2nd year: Same as first year.

**Part 2.03 Post Top Colonial Style LED**

| Item                        | Description                     | Vendor | Manufacturer | Part Number                   | Delivery | Estimated |          |             |                    |  |
|-----------------------------|---------------------------------|--------|--------------|-------------------------------|----------|-----------|----------|-------------|--------------------|--|
|                             |                                 |        |              |                               |          |           | Quantity | unit price  |                    |  |
| 570-026                     | 69 W LED Type III Lantern ----- | Rumsey | Cooper       | LXT-AF24-60-D-U-T3-10MSP-4-BK | 70 days  | 50        | \$360.00 | \$18,000.00 |                    |  |
| <b>Sub-Total Part 2.03:</b> |                                 |        |              |                               |          |           |          |             | <b>\$18,000.00</b> |  |

**Awarded to**

**Rumsey**

- 1 Manufacturer: Cooper
- 2 Delivery: 70 days
- 3 Pricing of 2nd year: Yes, maximum of 1.06%.

# Recommendation Lighting Luminaires

## Bid #2019-054

for

Bids Received on 02/11/2020

Awarded on 03/10/2020

| Part 2.04 Acorn LED Conversion Kit       |                                   |                               |              |   |           |          | Estimated  |             |                              |
|--|-----------------------------------|-------------------------------|--------------|---|-----------|----------|--|-------------|------------------------------|
| Item                                     | Description                       | Vendor                        | Manufacturer | Part Number                                       | Delivery  | Quantity | unit price   |             |                              |
| 570-027                                  | 60 Watt LED PEMCO Kit -----       | Billows                       | PEMCO        | 63W8C5K   | 6-8 weeks | 3        | \$329.00   | \$987.00    |                              |
|  |                                   |                               |              |   |           |          | Sub-Total Part 2.04:                                 |             | \$987.00                     |
|  |                                   | <b>Awarded to</b>             |              | <b>Billows</b>                                    |           |          |  |             |                              |
|  |                                   |                               |              | 1 Manufacturer: PEMCO                             |           |          |  |             |                              |
|  |                                   |                               |              | 2 Delivery: 6-8 weeks                             |           |          |  |             |                              |
|  |                                   |                               |              | 3 Pricing of 2nd year: No option for second year. |           |          |  |             |                              |
| Part 2.05 Contemporary Style LED         |                                   |                               |              |   |           |          | Estimated  |             |                              |
| Item                                     | Description                       | Vendor                        | Manufacturer | Part Number                                       | Delivery  | Quantity | unit price   |             |                              |
| 570-028                                  | Contemporary (Top Hat) LED -----  | Wesco                         | AEL          | 245L-P30-AJ-40KR2AYSS-NL2X2                       | 4 weeks   | 5        | \$376.89   | \$1,884.43  |                              |
|  |                                   |                               |              |   |           |          | Sub-Total Part 2.05:                                 |             | \$1,884.43                   |
|  |                                   | <b>Awarded to</b>             |              | <b>Wesco</b>                                      |           |          |  |             |                              |
|  |                                   |                               |              | 1 Manufacturer: AEL                               |           |          |  |             |                              |
|  |                                   |                               |              | 2 Delivery: 4 weeks                               |           |          |  |             |                              |
|  |                                   |                               |              | 3 Pricing of 2nd year: Yes                        |           |          |  |             |                              |
| Part 2.07 Floodlight Fixtures (LED Type) |                                   |                               |              |   |           |          | Estimated  |             |                              |
| Item                                     | Description                       | Vendor                        | Manufacturer | Part Number                                       | Delivery  | Quantity | unit price   |             |                              |
| 570-180                                  | 130 W LED Floodlight w/Visor----- | <b>NO AWARD FOR THIS ITEM</b> |              |   |           |          |  |             | \$0.00                       |
| 570-181                                  | 260 W LED Floodlight w/Visor----- | Rumsey                        | Cooper       | UFLD-L-C100-D-U-66-S-AP-4N7-10K w/TS2HW/NFFLD-AP  | 70 days   | 80       | \$718.00   | \$57,440.00 |                              |
|  |                                   |                               |              |   |           |          | Sub-Total Part 2.07:                                 |             | \$57,440.00                  |
|  |                                   | <b>Awarded to</b>             |              | <b>Rumsey</b>                                     |           |          |  |             |                              |
|  |                                   |                               |              | 1 Manufacturer: Cooper                            |           |          |  |             |                              |
|  |                                   |                               |              | 2 Delivery: 70 days                               |           |          |  |             |                              |
|  |                                   |                               |              | 3 Pricing of 2nd year: Maximum of 1.06%.          |           |          |  |             |                              |
|  |                                   |                               |              |   |           |          | (2.01 + 2.02 + 2.03 + 2.04 + 2.05 + 2.07) Total Bid: |             | <b>\$221,445.68</b>          |
|  |                                   |                               |              |   |           |          |  |             | <b>Estimated Total Award</b> |



# Recommendation Lighting Luminaires

## Bid #2019-054

for

Bids Received on 02/11/2020

Awarded on 03/10/2020

| Award to:        |         |                     |
|------------------|---------|---------------------|
| Wesco            | 570-002 | \$8,068.00          |
|                  | 570-028 | \$1,884.43          |
| Estimated Total: |         | <u>\$9,952.43</u>   |
| Solarmax         | 570-040 | \$37,532.00         |
|                  | 570-041 | \$50,540.00         |
|                  | 570-043 | \$6,656.85          |
|                  | 570-044 | \$2,382.90          |
|                  | 570-045 | \$3,904.50          |
| Estimated Total  |         | <u>\$101,016.25</u> |
| Rumsey           | 570-042 | \$34,050.00         |
|                  | 570-026 | \$18,000.00         |
|                  | 570-181 | \$57,440.00         |
| Estimated Total: |         | <u>\$109,490.00</u> |
| Billows          | 570-027 | \$987.00            |
| Estimated Total: |         | <u>\$987.00</u>     |

Acct # 0-05-55-512-9003-52000

Project # E373

Prepared by Dexter L. Gordon, Supervising Engineer  
Date: 03/06/2020 (REVISED)



**Cost Only  
Evaluation Lighting Luminaires  
for  
Bids Received on 01/14/2020**

|  |                                  | SOLARMAX  |                 |                       |                  |                                   |                    | ANIXTER   |                               |                       |                  |                                   |                    | IRBY   |                               |                       |                  |                                   |                    | BILLIWS  |                               |                       |                  |                                   |                    | BILLIWS  |                               |                       |                  |                                   |                    | RUMSEY  |                               |                       |                  |                                   |                    |            |                               |
|--|----------------------------------|---|-----------------|-----------------------|------------------|-----------------------------------|--------------------|---|-------------------------------|-----------------------|------------------|-----------------------------------|--------------------|--|-------------------------------|-----------------------|------------------|-----------------------------------|--------------------|--|-------------------------------|-----------------------|------------------|-----------------------------------|--------------------|--|-------------------------------|-----------------------|------------------|-----------------------------------|--------------------|---|-------------------------------|-----------------------|------------------|-----------------------------------|--------------------|------------|-------------------------------|
| Item   | Description                      | Spec Max Input Watts  | Spec Min Lumens | Published Input Watts | Published Lumens | Lumen per Watt (if future passes) | Estimated Quantity | unit price  | Cost Only "FAIL" NOT Included | Published Input Watts | Published Lumens | Lumen per Watt (if future passes) | Estimated Quantity | unit price   | Cost Only "FAIL" NOT Included | Published Input Watts | Published Lumens | Lumen per Watt (if future passes) | Estimated Quantity | unit price   | Cost Only "FAIL" NOT Included | Published Input Watts | Published Lumens | Lumen per Watt (if future passes) | Estimated Quantity | unit price   | Cost Only "FAIL" NOT Included | Published Input Watts | Published Lumens | Lumen per Watt (if future passes) | Estimated Quantity | unit price  | Cost Only "FAIL" NOT Included | Published Input Watts | Published Lumens | Lumen per Watt (if future passes) | Estimated Quantity | unit price | Cost Only "FAIL" NOT Included |
| <b>Part 2.01 Street Lighting Luminaires (LED Type)</b>   |                                  |   |                 |                       |                  |                                   |                    |   |                               |                       |                  |                                   |                    |  |                               |                       |                  |                                   |                    |  |                               |                       |                  |                                   |                    |  |                               |                       |                  |                                   |                    |   |                               |                       |                  |                                   |                    |            |                               |
| 570-002  | 75 W LED Type V Luminaire ---    | 75  | 7000            | NO BID                | NO BID           | FAIL                              | 50                 | \$0.00  | \$0.00                        | 51                    | 7127             | 139.75                            | 400                | \$168.00   | \$8,400.00                    | 51                    | 7127             | 139.75                            | 400                | \$172.92   | \$6,846.00                    | 56                    | 7291             | 130.20                            | 400                | \$196.00   | \$9,800.00                    | 71                    | 8000             | 112.68                            | 400                | \$161.36  | \$8,068.00                    | 56                    | 7291             | 130.20                            | 400                | \$177.90   | \$8,895.00                    |
| 570-040  | 56 W LED Type III Luminaire ---  | 56  | 5000            | 37                    | 5305             | 143.38                            | 400                | \$93.83   | \$37,532.00                   | 41                    | 5615             | 136.95                            | 400                | \$150.00   | \$60,000.00                   | 41                    | 5616             | 136.98                            | 400                | \$156.25   | \$62,500.00                   | 53                    | 6336             | 119.55                            | 400                | \$137.50   | \$55,000.00                   | 39                    | 5000             | 128.21                            | 400                | \$131.36  | \$52,542.00                   | 53                    | 6336             | 119.55                            | 400                | \$128.00   | \$51,200.00                   |
| 570-041  | 75 W LED Type III Luminaire ---  | 75  | 8000            | 71                    | 10089            | 142.10                            | 400                | \$126.35  | \$50,540.00                   | 60                    | 8328             | 138.80                            | 400                | \$187.00   | \$74,800.00                   | 60                    | 8328             | 138.80                            | 400                | \$194.79   | \$77,916.00                   | 73                    | 9379             | 128.48                            | 400                | \$154.50   | \$61,800.00                   | 71                    | 8000             | 112.68                            | 400                | \$161.02  | \$64,408.00                   | 73                    | 9379             | 128.48                            | 400                | \$143.50   | \$57,400.00                   |
| 570-042  | 108 W LED Type III Luminaire --- | 108   | 12000           | 110                   | 15267            | FAIL                              | 400                | \$130.15  | \$0.00                        | 92                    | 11862            | FAIL                              | 400                | \$243.00   | \$0.00                        | 108                   | 12984            | 120.22                            | 400                | \$254.17   | \$0.00                        | 108                   | 12984            | 120.22                            | 400                | \$182.90   | \$36,580.00                   | 98                    | 11500            | FAIL                              | 400                | \$0.00  | \$0.00                        | 108                   | 12984            | 120.22                            | 400                | \$170.25   | \$34,050.00                   |
| 570-043  | 165 W LED Type III Luminaire --- | 165   | 16000           | 115                   | 16498            | 143.46                            | 45                 | \$147.93  | \$6,656.85                    | 135                   | 17387            | 128.64                            | 45                 | \$299.00   | \$13,455.00                   | 135                   | 17387            | 128.64                            | 45                 | \$314.58   | \$14,156.10                   | 181                   | 19489            | 121.05                            | 45                 | \$198.30   | \$8,923.50                    | 149                   | 16000            | 107.38                            | 45                 | \$222.93  | \$10,031.85                   | 161                   | 19489            | 121.05                            | 45                 | \$184.40   | \$8,298.00                    |
| 570-044  | 210 W LED Type III Luminaire --- | 210   | 23000           | 189                   | 26510            | 140.28                            | 15                 | \$158.85  | \$2,382.75                    | 209                   | 24067            | 115.15                            | 15                 | \$485.00   | \$6,975.00                    | 209                   | 24067            | 115.15                            | 15                 | \$486.46   | \$7,296.90                    | 170                   | 23877            | 140.45                            | 15                 | \$363.20   | \$5,448.00                    | 194                   | 23000            | 118.56                            | 15                 | \$320.59  | \$4,808.85                    | 170                   | 23877            | 140.45                            | 15                 | \$335.00   | \$5,025.00                    |
|  |                                  | Sub-Total Part 2.01: \$97,111.60  |                 |                       |                  |                                   |                    | Sub-Total Part 2.01: \$11,890.00  |                               |                       |                  |                                   |                    | Sub-Total Part 2.01: \$170,515.00  |                               |                       |                  |                                   |                    | Sub-Total Part 2.01: \$177,551.50  |                               |                       |                  |                                   |                    | Sub-Total Part 2.01: \$139,858.70  |                               |                       |                  |                                   |                    |   |                               |                       |                  |                                   |                    |            |                               |
|  |                                  | 1. Manufacturer: SOLARMAX<br>2. Delivery: 7-9 wks<br>3. Pricing of 2nd year: YES. Same price as first year. |                 |                       |                  |                                   |                    | 1. Manufacturer: AEL<br>2. Delivery: 4 wks<br>3. Pricing of 2nd year: Yes, 1.05%      |                               |                       |                  |                                   |                    | 1. Manufacturer: AEL<br>2. Delivery: 4 wks<br>3. Pricing of 2nd year: 2nd year subject to price escalation       |                               |                       |                  |                                   |                    | 1. Manufacturer: Cooper/Eaton AND Lumec<br>2. Delivery: 6-10 weeks<br>3. Pricing of 2nd year: No |                               |                       |                  |                                   |                    | 1. Manufacturer: GE<br>2. Delivery: 15 days<br>3. Pricing of 2nd year: yes, increase subject to market |                               |                       |                  |                                   |                    | 1. Manufacturer: Cooper AND Philips (LUMEC)<br>2. Delivery: 6-10 wks ARC<br>3. Pricing of 2nd year: Yes, maximum of 1.06% |                               |                       |                  |                                   |                    |            |                               |
| Item #570-0002<br>No bid was submitted.  |                                  |   |                 |                       |                  |                                   |                    |   |                               |                       |                  |                                   |                    |  |                               |                       |                  |                                   |                    |  |                               |                       |                  |                                   |                    |  |                               |                       |                  |                                   |                    |   |                               |                       |                  |                                   |                    |            |                               |
| Item #570-042<br>For the future quoted, the "published input watts" is greater than the specified "spec maximum input watts" value of 12000 lumens. Therefore, per the specification, Section 1.16 A, the fixture is UNACCEPTABLE. |                                  |   |                 |                       |                  |                                   |                    |   |                               |                       |                  |                                   |                    |  |                               |                       |                  |                                   |                    |  |                               |                       |                  |                                   |                    |  |                               |                       |                  |                                   |                    |   |                               |                       |                  |                                   |                    |            |                               |
| Item #570-042<br>For the future quoted, the "published lumens" of 11863 lumens does not meet the "spec minimum lumens" value of 12000 lumens. Therefore, per the specification, Section 1.16 A, the fixture is UNACCEPTABLE.       |                                  |   |                 |                       |                  |                                   |                    |   |                               |                       |                  |                                   |                    |  |                               |                       |                  |                                   |                    |  |                               |                       |                  |                                   |                    |  |                               |                       |                  |                                   |                    |   |                               |                       |                  |                                   |                    |            |                               |
| Item #570-042<br>For the future quoted, the "published lumens" of 11863 lumens does not meet the "spec minimum lumens" value of 12000 lumens. Therefore, per the specification, Section 1.16 A, the fixture is UNACCEPTABLE.       |                                  |   |                 |                       |                  |                                   |                    |   |                               |                       |                  |                                   |                    |  |                               |                       |                  |                                   |                    |  |                               |                       |                  |                                   |                    |  |                               |                       |                  |                                   |                    |   |                               |                       |                  |                                   |                    |            |                               |
| Item #570-042<br>For the future quoted, the "published lumens" of 11500 lumens is less than the specified "minimum lumens" output value of 12000. Therefore, per the specification, Section 1.16 A, the fixture is UNACCEPTABLE.   |                                  |   |                 |                       |                  |                                   |                    |   |                               |                       |                  |                                   |                    |  |                               |                       |                  |                                   |                    |  |                               |                       |                  |                                   |                    |  |                               |                       |                  |                                   |                    |   |                               |                       |                  |                                   |                    |            |                               |
| <b>Part 2.02 Street Light Fixtures (LED Type) - Special Purpose</b>  |                                  |   |                 |                       |                  |                                   |                    |   |                               |                       |                  |                                   |                    |  |                               |                       |                  |                                   |                    |  |                               |                       |                  |                                   |                    |  |                               |                       |                  |                                   |                    |   |                               |                       |                  |                                   |                    |            |                               |
| 570-045  | 150 W LED Type III Luminaire -   | 150   | 15000           | 110                   | 15267            | 138.79                            | 30                 | \$130.15  | \$3,904.50                    | 81                    | 10135            | FAIL                              | 30                 | \$521.00   | \$0.00                        | NO BID                | NO BID           | NO BID                            | 30                 | \$0.00   | \$0.00                        | 81                    | 9800             | FAIL                              | 30                 | \$485.00   | \$0.00                        | 136                   | 15000            | 110.29                            | 30                 | \$217.82  | \$6,528.66                    | 81                    | 10135            | FAIL                              | 30                 | \$451.00   | \$0.00                        |
|  |                                  | Sub-Total Part 2.01: \$3,904.50   |                 |                       |                  |                                   |                    | Sub-Total Part 2.01: \$0.00   |                               |                       |                  |                                   |                    | Sub-Total Part 2.01: \$0.00  |                               |                       |                  |                                   |                    | Sub-Total Part 2.01: \$6,528.66  |                               |                       |                  |                                   |                    | Sub-Total Part 2.01: \$6,528.66  |                               |                       |                  |                                   |                    |   |                               |                       |                  |                                   |                    |            |                               |
|  |                                  | 1. Manufacturer: Solarmax<br>2. Delivery: 5-8 wks<br>3. Pricing of 2nd year: YES. Same price as first year. |                 |                       |                  |                                   |                    | 1. Manufacturer: EATON<br>2. Delivery: 8-10 wks<br>3. Pricing of 2nd year: Yes, 1.05% |                               |                       |                  |                                   |                    | NO BID   |                               |                       |                  |                                   |                    | 1. Manufacturer: Eaton-Cooper<br>2. Delivery: 8-10 wks<br>3. Pricing of 2nd year: No             |                               |                       |                  |                                   |                    | 1. Manufacturer: GE<br>2. Delivery: 15 days<br>3. Pricing of 2nd year: Yes, increase subject to market |                               |                       |                  |                                   |                    | 1. Manufacturer: COOPER<br>2. Delivery: 70 days<br>3. Pricing of 2nd year: Yes, maximum of 1.06%                          |                               |                       |                  |                                   |                    |            |                               |
| Item #570-045<br>For the future quoted, the "published lumens" of 10135 lumens does not meet the "spec minimum lumens" value of 1500 lumens. Therefore, per the specification, Section 1.16 A, the fixture is UNACCEPTABLE.        |                                  |   |                 |                       |                  |                                   |                    |   |                               |                       |                  |                                   |                    |  |                               |                       |                  |                                   |                    |  |                               |                       |                  |                                   |                    |  |                               |                       |                  |                                   |                    |   |                               |                       |                  |                                   |                    |            |                               |
| Item #570-045<br>For the future quoted, the "published lumens" of 9800 lumens does not meet the "spec minimum lumens" value of 1500 lumens. Therefore, per the specification, Section 1.16 A, the fixture is UNACCEPTABLE.         |                                  |   |                 |                       |                  |                                   |                    |   |                               |                       |                  |                                   |                    |  |                               |                       |                  |                                   |                    |  |                               |                       |                  |                                   |                    |  |                               |                       |                  |                                   |                    |   |                               |                       |                  |                                   |                    |            |                               |
| Item #570-045<br>For the future quoted, the "published lumens" of 10135 lumens does not meet the "spec minimum lumens" value of 1500 lumens. Therefore, per the specification, Section 1.16 A, the fixture is UNACCEPTABLE.        |                                  |   |                 |                       |                  |                                   |                    |   |                               |                       |                  |                                   |                    |  |                               |                       |                  |                                   |                    |  |                               |                       |                  |                                   |                    |  |                               |                       |                  |                                   |                    |   |                               |                       |                  |                                   |                    |            |                               |
| <b>Part 2.03 Post Top Colonial Style LED</b>   |                                  |   |                 |                       |                  |                                   |                    |   |                               |                       |                  |                                   |                    |  |                               |                       |                  |                                   |                    |  |                               |                       |                  |                                   |                    |  |                               |                       |                  |                                   |                    |   |                               |                       |                  |                                   |                    |            |                               |
| 570-026  | 69 W LED Type III Lantern ---    | 69  | 5600            | NO BID                | NO BID           | FAIL                              | 50                 | \$0.00  | \$0.00                        | 65                    | 6696             | 103.02                            | 50                 | \$379.00   | \$18,950.00                   | 65                    | 6696             | 103.02                            | 50                 | \$442.71   | \$22,135.50                   | 83                    | 8201             | FAIL                              | 50                 | \$384.70   | \$0.00                        | 83                    | 8201             | FAIL                              | 50                 | \$374.73  | \$0.00                        | 64                    | 6690             | 104.53                            | 50                 | \$360.00   | \$18,000.00                   |
|  |                                  | Sub-Total Part 2.03: \$0.00   |                 |                       |                  |                                   |                    | Sub-Total Part 2.03: \$18,950.00  |                               |                       |                  |                                   |                    | Sub-Total Part 2.03: \$22,135.50   |                               |                       |                  |                                   |                    | Sub-Total Part 2.03: \$0.00  |                               |                       |                  |                                   |                    | Sub-Total Part 2.03: \$18,000.00   |                               |                       |                  |                                   |                    |   |                               |                       |                  |                                   |                    |            |                               |
|  |                                  | 1. Manufacturer: NO BID<br>2. Delivery: 4 wks<br>3. Pricing of 2nd year: No bid submitted.                  |                 |                       |                  |                                   |                    | 1. Manufacturer: AEL<br>2. Delivery: 4 wks<br>3. Pricing of 2nd year: Yes, 1.05%      |                               |                       |                  |                                   |                    | 1. Manufacturer: AEL<br>2. Delivery: 4 wks<br>3. Pricing of 2nd year: Yes, 2nd year subject to price escalation. |                               |                       |                  |                                   |                    | 1. Manufacturer: LEXINGTON/COOPER<br>2. Delivery: 8-10 weeks<br>3. Pricing of 2nd year: NO       |                               |                       |                  |                                   |                    | 1. Manufacturer: Cooper Lighting<br>2. Delivery: 8-10 weeks<br>3. Pricing of 2nd year: Yes             |                               |                       |                  |                                   |                    | 1. Manufacturer: Cooper<br>2. Delivery: 70 days<br>3. Pricing of 2nd year: Yes, maximum of 1.06%                          |                               |                       |                  |                                   |                    |            |                               |
| Item #570-026<br>No bid submitted.   |                                  |   |                 |                       |                  |                                   |                    |   |                               |                       |                  |                                   |                    |  |                               |                       |                  |                                   |                    |  |                               |                       |                  |                                   |                    |  |                               |                       |                  |                                   |                    |   |                               |                       |                  |                                   |                    |            |                               |
| Item #570-026<br>For the future quoted, the "published watts" of 83 watts exceeds "spec maximum watts" value of 69 watts. Therefore, per the specification, Section 1.16 A, the fixture is UNACCEPTABLE.                           |                                  |   |                 |                       |                  |                                   |                    |   |                               |                       |                  |                                   |                    |  |                               |                       |                  |                                   |                    |  |                               |                       |                  |                                   |                    |  |                               |                       |                  |                                   |                    |   |                               |                       |                  |                                   |                    |            |                               |
| Item #570-026<br>For the future quoted, the "published input watts" of 83 watts exceeds the specified "maximum input watts". Therefore, per the specification, Section 1.16 A, the fixture is UNACCEPTABLE.                        |                                  |   |                 |                       |                  |                                   |                    |   |                               |                       |                  |                                   |                    |  |                               |                       |                  |                                   |                    |  |                               |                       |                  |                                   |                    |  |                               |                       |                  |                                   |                    |   |                               |                       |                  |                                   |                    |            |                               |
| <b>Part 2.04 Acorn LED Conversion Kit</b>  |                                  |   |                 |                       |                  |                                   |                    |   |                               |                       |                  |                                   |                    |  |                               |                       |                  |                                   |                    |  |                               |                       |                  |                                   |                    |  |                               |                       |                  |                                   |                    |   |                               |                       |                  |                                   |                    |            |                               |
| 570-027  | Acorn LED Conversion Kit         |   |                 |                       |                  |                                   | 3                  | \$0.00  | \$0.00                        |                       |                  |                                   | 3                  | \$0.00   | \$0.00                        |                       |                  |                                   | 3                  | \$0.00   | \$0.00                        |                       |                  |                                   | 3                  | \$329.00   | \$987.00                      |                       |                  |                                   | 3                  | \$0.00  | \$0.00                        |                       |                  |                                   | 3                  | \$0.00     | \$0.00                        |
|  |                                  | Sub-Total Part 2.04: \$0.00   |                 |                       |                  |                                   |                    | Sub-Total Part 2.04: \$0.00   |                               |                       |                  |                                   |                    | Sub-Total Part 2.04: \$0.00  |                               |                       |                  |                                   |                    | Sub-Total Part 2.04: \$987.00  |                               |                       |                  |                                   |                    | Sub-Total Part 2.04: \$0.00  |                               |                       |                  |                                   |                    |   |                               |                       |                  |                                   |                    |            |                               |
|  |                                  | 1. Manufacturer: NO BID<br>2. Delivery: 4 wks<br>3. Pricing of 2nd year: No bid submitted.                  |                 |                       |                  |                                   |                    | NO BID  |                               |                       |                  |                                   |                    | NO BID   |                               |                       |                  |                                   |                    | 1. Manufacturer: PEMCO<br>2. Delivery: 6-8 wks<br>3. Pricing of 2nd year: No                     |                               |                       |                  |                                   |                    | NO BID   |                               |                       |                  |                                   |                    | 1. Manufacturer: PEMCO<br>2. Delivery: 70 days<br>3. Pricing of 2nd year: Yes, maximum of 1.25%                           |                               |                       |                  |                                   |                    |            |                               |
| Item #570-027<br>No bid submitted.   |                                  |   |                 |                       |                  |                                   |                    |   |                               |                       |                  |                                   |                    |  |                               |                       |                  |                                   |                    |  |                               |                       |                  |                                   |                    |  |                               |                       |                  |                                   |                    |   |                               |                       |                  |                                   |                    |            |                               |
| <b>Part 2.05 Contemporary Style LED</b>  |                                  |   |                 |                       |                  |                                   |                    |   |                               |                       |                  |                                   |                    |  |                               |                       |                  |                                   |                    |  |                               |                       |                  |                                   |                    |  |                               |                       |                  |                                   |                    |   |                               |                       |                  |                                   |                    |            |                               |
| 570-028  | Contemporary (Top Hat) LED       |   |                 |                       |                  |                                   | 5                  | \$0.00  | \$0.00                        |                       |                  |                                   | 5                  | \$378.00   | \$1,890.00                    |                       |                  |                                   | 5                  | \$383.34   | \$1,916.70                    |                       |                  |                                   | 5                  | \$472.30   | \$2,361.50                    |                       |                  |                                   | 5                  | \$376.96  | \$1,884.80                    |                       |                  |                                   | 5                  | \$399.50   | \$1,997.50                    |
|  |                                  | Sub-Total Part 2.05: \$0.00   |                 |                       |                  |                                   |                    | Sub-Total Part 2.05: \$1,890.00   |                               |                       |                  |                                   |                    | Sub-Total Part 2.05: \$1,916.70  |                               |                       |                  |                                   |                    | Sub-Total Part 2.05: \$2,361.50  |                               |                       |                  |                                   |                    | Sub-Total Part 2.05: \$1,884.80  |                               |                       |                  |                                   |                    |   |                               |                       |                  |                                   |                    |            |                               |
|  |                                  | 1. Manufacturer: NO BID<br>2. Delivery: 4 wks<br>3. Pricing of 2nd year: No bid submitted.                  |                 |                       |                  |                                   |                    | 1. Manufacturer: AEL<br>2. Delivery: 4 wks<br>3. Pricing of 2nd year: Yes, 1.05%      |                               |                       |                  |                                   |                    | 1. Manufacturer: AEL<br>2. Delivery: 4 wks<br>3. Pricing of 2nd year: Yes, 2nd year subject to price escalation. |                               |                       |                  |                                   |                    | 1. Manufacturer: AEL<br>2. Delivery: NOT GIVEN<br>3. Pricing of 2nd year: NO                     |                               |                       |                  |                                   |                    | 1. Manufacturer: AEL<br>2. Delivery: 4 weeks<br>3. Pricing of 2nd year: Yes                            |                               |                       |                  |                                   |                    | 1. Manufacturer: AEL<br>2. Delivery: 28 days<br>3. Pricing of 2nd year: Yes, maximum of 1.10%                             |                               |                       |                  |                                   |                    |            |                               |
| Item #570-028<br>No bid submitted.   |                                  |   |                 |                       |                  |                                   |                    |   |                               |                       |                  |                                   |                    |  |                               |                       |                  |                                   |                    |  |                               |                       |                  |                                   |                    |  |                               |                       |                  |                                   |                    |   |                               |                       |                  |                                   |                    |            |                               |

**Cost Only  
Evaluation Lighting Luminaires  
for  
Bids Received on 01/14/2020**

| Part 2.07 Floodlight Fixtures (LED Type)  |                                 | SOLARMAX  |                    |                          |                     |  |                       |            | ANIXTER   |                                     |                             |                     | IRBY  |            |                                 |                             | BILLOWS   |  |            |                                     | BILLOWS  |                     |  |             | RUMSEY  |                             |                     |  |   |                                     |       |        |          |             |
|---|---------------------------------|---|--------------------|--------------------------|---------------------|--|-----------------------|------------|---|-------------------------------------|-----------------------------|---------------------|---|------------|---------------------------------|-----------------------------|---|--|------------|-------------------------------------|--|---------------------|--|-------------|---|-----------------------------|---------------------|--|---|-------------------------------------|-------|--------|----------|-------------|
| Item  | Description                     | Spec Max<br>Input Watts   | Spec Min<br>Lumens | Published<br>Input Watts | Published<br>Lumens | Lumen per<br>Watt (if<br>figure<br>passes) | Estimated<br>Quantity | unit price | Cost Only<br>"FAIL"<br>Excluded   | Cost Only<br>"FAIL" NOT<br>Included | Published<br>Input<br>Watts | Published<br>Lumens | Lumen<br>per Watt<br>(if figure<br>passes)  | unit price | Cost Only<br>"FAIL"<br>Included | Published<br>Input<br>Watts | Published<br>Lumens   | Lumen<br>per Watt<br>(if figure<br>passes) | unit price | Cost Only<br>"FAIL" NOT<br>Included | Published<br>Input<br>Watts  | Published<br>Lumens | Lumen<br>per Watt<br>(if figure<br>passes) | unit price  | Cost Only<br>"FAIL" NOT<br>Included   | Published<br>Input<br>Watts | Published<br>Lumens | Lumen<br>per Watt<br>(if figure<br>passes) | unit price  | Cost Only<br>"FAIL" NOT<br>Included |       |        |          |             |
| 570-180   | 130 W LED Floodlight w/visor -- | 130   | 16920              | 120                      | 15300               | FAIL                                       | 125                   | \$231.12   | \$0.00  | 113                                 | 14575                       | FAIL                | \$450.00  | \$0.00     | 113                             | 14575                       | FAIL  | \$489.58                                   | \$0.00     | 128                                 | 16932  | 132.28              | \$466.00                                   | \$58,250.00 | 149   | 19700                       | FAIL                | \$355.24                                   | \$0.00  | 128                                 | 16932 | 132.28 | \$434.50 | \$54,312.50 |
| 570-181   | 260 W LED Floodlight w/visor -- | 260   | 33000              | 200                      | 31100               | FAIL                                       | 80                    | \$366.68   | \$0.00  | 261                                 | 32000                       | FAIL                | \$684.00  | \$0.00     | 261                             | 32000                       | FAIL  | \$703.13                                   | \$0.00     | 252                                 | 33289  | 132.10              | \$819.00                                   | \$65,520.00 | 266   | 33500                       | FAIL                | \$655.35                                   | \$0.00  | 252                                 | 33289 | 132.10 | \$718.00 | \$87,440.00 |
|   |                                 | Sub-Total Part 2.07: \$0.00   |                    |                          |                     |  |                       |            | Sub-Total Part 2.07: \$0.00   |                                     |                             |                     | Sub-Total Part 2.07: \$0.00   |            |                                 |                             | Sub-Total Part 2.07: \$123,770.00   |  |            |                                     | Sub-Total Part 2.07: \$148,271.65  |                     |  |             | Sub-Total Part 2.07: \$111,752.50   |                             |                     |  |   |                                     |       |        |          |             |
|   |                                 | 1. Manufacturer: Maxite<br>2. Delivery: 5-7 wks<br>3. Pricing of 2nd year: YES. Same price as first year.   |                    |                          |                     |  |                       |            | 1. Manufacturer: AEL<br>2. Delivery: 5 wks<br>3. Pricing of 2nd year: Subject to negotiation.   |                                     |                             |                     | 1. Manufacturer: AEL<br>2. Delivery: 4 wks<br>3. Pricing of 2nd year: Yes, second year subject to price escalation.   |            |                                 |                             | 1. Manufacturer: COOPERATEON<br>2. Delivery: 8-10 wks<br>3. Pricing of 2nd year: NO   |  |            |                                     | 1. Manufacturer: GE<br>2. Delivery: 15 days<br>3. Pricing of 2nd year: Yes   |                     |  |             | 1. Manufacturer: COOPER LIGHTING<br>2. Delivery: 70 days<br>3. Pricing of 2nd year: Yes, maximum of 1.06%   |                             |                     |  |   |                                     |       |        |          |             |
| <b>NOTE:</b><br>A clerical error was found. Instead of 14,600, minimum lumens should have been 16,500. Therefore, we will not in all fairness make a recommendation to award this item. |                                 | Item#570-181<br>For the fixture quoted, the "published lumens" of 31,100 lumens does not meet the "minimum lumens" value of 33,000 lumens. Therefore, per the specification, Section 1.16 A, the fixture is <b>UNACCEPTABLE</b> . |                    |                          |                     |  |                       |            | Item #570-180<br>For the fixture quoted, the "published lumens" of 14575 does not meet "spec minimum lumens" value of 14600 lumens. Therefore per the specification, Section 1.16 A, the fixture is <b>UNACCEPTABLE</b> . |                                     |                             |                     | Item #570-180<br>For the fixture quoted, the "published lumens" of 14575 does not meet "spec minimum lumens" value of 14600 lumens. Therefore per the specification, Section 1.16 A, the fixture is <b>UNACCEPTABLE</b> . |            |                                 |                             | Item #570-181<br>For the fixture quoted, the "published watts" of 2610 exceeds the "spec maximum watts" value of 260 watts. Therefore per the specification, Section 1.16 A, the fixture is <b>UNACCEPTABLE</b> . |  |            |                                     | Item #570-180<br>For the fixture quoted, the "published input watts" of 149 exceeds the specified "maximum input watts" value of 130 watts. Therefore, per the specification, Section 1.16 A, the fixture is <b>UNACCEPTABLE</b> . |                     |  |             | Item #570-181<br>For the fixture quoted, the "published input watts" of 266 exceeds the specified "maximum watts" value of 260 watts. Therefore per the specification, Section 1.16 A, the fixture is <b>UNACCEPTABLE</b> .   |                             |                     |  | Item #570-181<br>For the fixture quoted, the "published input watts" of 266 exceeds the specified "maximum watts" value of 260 watts. Therefore per the specification, Section 1.16 A, the fixture is <b>UNACCEPTABLE</b> . |                                     |       |        |          |             |
|   |                                 | Total Bid: #####  |                    |                          |                     |  |                       |            | Total Bid: #####  |                                     |                             |                     | Total Bid: \$194,567.20   |            |                                 |                             | Total Bid: \$304,670.00   |  |            |                                     | Total Bid: \$148,271.65  |                     |  |             | Total Bid: \$299,453.00   |                             |                     |  |   |                                     |       |        |          |             |
| Exceptions:<br>Item #570-042 bidder commented that the published input wattage was "110W (tested wattage on LM79 reports 108W)".  |                                 |   |                    |                          |                     |  |                       |            | Exceptions:<br>For item 570-045 the bidder emailed me the Published Lumens. This is shown in the clarifications email.  |                                     |                             |                     |   |            |                                 |                             | Evaluator's Comments:<br>1. Item 570-028 the delivery time was emailed in a clarifications email.   |  |            |                                     |  |                     |  |             | Exceptions:<br>1. Item #570-002 type IV in lieu of type V. Shield: ELSJS-ERL. 1<br>2. Item #570-045 Enhanced surge is 10S in lieu of 10-Oct<br>3. Item #570-180 Enhanced surge is 10S in lieu of 10/10. Shield: TSVGRAY-ERM<br>4. Item #570-181: 260W in lieu of 260W. Enhanced surge is 10S in lieu of 10/10. Shield: TSVGRAY-ERM. |                             |                     |  |   |                                     |       |        |          |             |

Prepared by Dexter L. Gordon, Supervising Engineer  
Date: March 6, 2020 (REVISED)



**TABULATION OF BIDS**  
**COV BID 2019-54 LED STREET & AREA LIGHTING**  
**JANUARY 14, 2020**



Engineer's Estimate - \$340,200.00 (REVISED)

|                        | <b>Rumsey Electric Co.</b><br>15 Colwell Lane<br>Conshohocken, PA | <b>Billows Electric Supply</b><br><b>Company Inc.</b><br>1813 Underwood Blvd.<br>Delran, NJ 08075 | <b>Wesco Distribution</b><br>2902 N. Blvd.<br>Richmond, VA 23230 | <b>Anixter Inc.</b><br>51 Steel Dr.<br>New Castle, DE 19720 | <b>Irby Utilities</b><br>4583 Buckley Rd.<br>Liverpool, NY 13088 | <b>Solarmax LED, Inc.</b><br>3080 12th Street<br>Riverside, CA 92507 |
|------------------------|---|---|--|---|--|--|
| Ownership Disclosure   | YES   | YES   | YES  | YES   | YES  | YES  |
| Aff Action             | YES   | YES   | YES  | YES   | YES  | YES  |
| Check List             | YES   | YES   | YES  | YES   | YES  | YES  |
| Proposal               | YES   | YES   | YES  | YES   | YES  | YES  |
| Addenda                | YES   | YES   | YES  | YES   | YES  | YES  |
| Iran Discl             | YES   | YES   | YES  | YES   | YES  | YES  |
|                        |   |   |  |   |  |  |
| <b>Part 2.01</b>       | <b>\$164,868.00</b>   | <b>\$177,551.50</b>   | <b>\$180,196.70 *</b>  | <b>\$212,230.00</b>   | <b>\$221,349.00</b>  | <b>\$123,141.60 **</b>   |
| " 2.02                 | \$13,530.00   | \$14,550.00   | \$6,528.66 *   | \$15,630.00   | NO BID   | \$3,904.50   |
| " 2.03                 | \$18,000.00   | \$19,235.00   | \$18,736.50  | \$18,950.00   | \$221,135.50   | NO BID   |
| " 2.04                 | \$2,835.00  | \$987.00  | NO BID   | NO BID  | NO BID   | NO BID   |
| " 2.05                 | \$1,997.50  | \$2,361.50  | \$1,884.29   | \$1,890.00  | \$1,916.70   | NO BID   |
| " 2.06                 | \$111,752.50  | \$123,770.00  | \$96,833.00 *  | \$110,970.00  | \$117,447.90   | \$58,224.40  |
|                        |   |   |  |   |  |  |
| <b>TOTAL</b>           | <b>\$312,983.00</b>   | <b>\$338,455.00</b>   | <b>\$304,179.15</b>  | <b>\$359,670.00</b>   | <b>\$561,849.10</b>  | <b>\$185,270.50</b>  |
| <b>CORRECTED TOTAL</b> |   |   |  |   | <b>\$362,849.10</b>  |  |

\* WITH EXCEPTIONS

\*\* NOT ALL ITEMS

**Specifications received by the following:**

|                   |                      |                   |                         |                  |
|-------------------|----------------------|-------------------|-------------------------|------------------|
| ElectroLights LLC | Construction Journal | Digital Filaments | Kane Communcations      | Metro Tech Sales |
| Graybar Ele. Co.  | CIS                  | Construct Connect | Lights on America       |                  |
| G & M Sales       | Diehl Electric Inc.  | Deltek            | Dodge Data & Analytical |                  |
| Shanahan & Assoc. | Kubiak & Son         | Riggs Distiler    | Citelum Group           |                  |
| Best LED Group    | Prime Vendor         | Donnelly Energy   | Huen Electric Inc.      |                  |