

CITY OF WASHINGTON

PLANNING & DEVELOPMENT DEPARTMENT

301 Walnut St. · Washington, IL 61571

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MEMORANDUM

TO: Public Works Committee
FROM: Jon R. Oliphant, AICP, Planning & Development Director
Ed Andrews, PE, Public Works Director
SUBJECT: Southeast Square Parking Lot Streetlights/Landscaping
DATE: September 1, 2017

As a follow-up to prior meetings amongst the Public Works Committee and Committee of the Whole, staff solicited quotes through Ty Slonneger of RNS Electric for various light options to utilize for the future placement of lights around the Square. These are from Sternberg and Sun Valley Lighting. The consensus at the August Committee of the Whole meeting was to have two 10' five-globe HPS lights from Sun Valley to go along with the one 18' acorn-style HPS light near the Ipava drive-thru lanes. A spreadsheet is attached with those quotes for the 10' five-globe lights from Sternberg and Sun Valley.

Conduit has been run to the four islands to accommodate lights there if they are desired. As with the 18' single-head acorn-style light that was previously discussed near Ipava as well as along Peoria and Walnut Streets, Sun Valley has the lower cost for this option. The Sun Valley lights are priced with four 50-watt bulbs surrounding a 150-watt bulb in the center. The cost for each vendor is as follows:

- Sternberg: \$6,529 (\$13,058 for two lights)
- Sun Valley: \$4,245 (\$8,490 for two lights)

The Committee of the Whole had asked staff to provide the approximate cost of the energy costs for these lights. While it varies slightly between fixtures, \$6.50 per month as a flat rate is a close approximation. New lights would be metered and Ty has indicated the minimum payment would be \$50-60 a month just for the meter regardless of the number of lights. As a result, the annual cost of three new lights on the southeast side of the Square could be approximately \$720.

As with the light that was considered for the Ipava drive-thru lanes, optional add-ons include banner arms (which Ty said might not be available for the 10' poles) at a cost of \$170 each, shield lighting deflector at \$45 each, and rotatable street signs at \$295 each. Ty has also quoted a cost of \$4,890 for the installation of the four parking lot lights. This does not include adding an 18" diameter by 5' deep reinforced concrete base for each pole. That work would cost an additional \$1,856.

Staff would also seek feedback on how to landscape the islands within the southeast Square parking lot. Funding for the lights and landscaping would be handled through TIF. Discussion of these items is scheduled for the September 5 Public Works Committee meeting.

Square Streetlight Options					
Vendor	Poles/Fixtures		Accessories		
	10' HPS 5-head	10' LED 5- head	18' banner arms	Light Deflector	Rotatable street sign
Sternberg	\$6,529	\$7,929	\$508.69	??	\$270
Sun Valley	\$4,245	\$6,898	\$170	\$45	\$295

RNS Electric, Inc.

PO Box 367
Washington, IL 61581
309.444.5200

Proposal

August 3, 2017

City of Washington
301 Walnut St
Washington, IL. 61571

Re: ISB lot Sun Valley 5 head HPS 10' pole with options.

We propose to supply the following material.

- New 5 head 10ft pole with 4+1 arm and 5 HPS fixtures:.....Each \$4,245.00
(150-watt HPS in the center and four 50-watt HPS)

Total for four poles \$16,980.00

This Proposal does not include:

- Any sales tax on material.
- Any installation.
- Any receptacles on pole.

Additional items:

- New set of STD Finish Banner arms (**might not available on 10'**):.\$170.00 Each
- New HSS House shield lighting deflector:.....\$45.00 Each
- New RSS-STD Rotatable street sign with no letters:.....\$295.00 Each

Please draw a line through unwanted options

Grand Total: \$ _____

This proposal is valid only 30 days from the above date.

Sincerely,
RNS Electric Inc.

Accepted by: _____

Ty Slonneger
General Manager

By: _____

Date: _____

Committed to our customers and quality.

RNS Electric, Inc.

PO Box 367
Washington, IL 61581
309.444.5200

Proposal

May 25, 2017

City of Washington
301 Walnut St
Washington, IL. 61571

Re: New square pole lighting options.

We propose to supply the following material.

- Sternberg 4-GLWA/TAPT/G16WA/XPT/6210FP5/4-35HPS/1-10'
50HPS120MED/2GFILPIUC/PCD/BK1 10' with HPS lamps:.....\$6,529.00
- Sternberg 4-GLWA/TAPT/G16WA/XPT/6210FP5/4-35HPS/1-12'
50HPS120MED/2GFILPIUC/PCD/BK1 12' with HPS lamps:.....\$6,589.00
- Sternberg 4-GLWA/TAPT/G16WA/XPT/6210FP5/4-35HPS/1-14'
50HPS120MED/2GFILPIUC/PCD/BK1 14' with HPS lamps:.....\$6,699.00
- Sternberg 4-GLWA/TAPT/G16WA/XPT/6210FP5/4-3S35TLFA/
MD103/2-GFILPIUC/PCDBK1 10' with LED lamps:.....\$7,929.00
- Sternberg 4-GLWA/TAPT/G16WA/XPT/6210FP5/4-3S35TLFA/
MD103/2-GFILPIUC/PCDBK1 12' with LED lamps:.....\$8,063.00
- Sternberg 4-GLWA/TAPT/G16WA/XPT/6210FP5/4-3S35TLFA/
MD103/2-GFILPIUC/PCDBK1 14' with LED lamps:.....\$8,173.00

This Proposal does not include:

- Any sales tax on material.
- Any installation.

This proposal is valid only 30 days from the above date.

Sincerely,
RNS Electric Inc.

Accepted by:

Ty Slonneger
General Manager

By: _____

Date: _____

Committed to our customers and quality.

RNS Electric, Inc.

PO Box 367
Washington, IL 61581
309.444.5200

Proposal

August 3, 2017

City of Washington
301 Walnut St
Washington, IL. 61571

Re: Instanton of 4 pole lights in SE parking lot near Ipava State.

We propose to supply the following material.

- New copper wire from power pedicle to 4 new 10' aluminum pole lights. One pole light located in each corner islands of the parking lot.
- Circuit breakers and contactors as needed.
- Lighting to be controlled from existing dusk to dawn controls with override switch to control pole lighting.
- Rework existing PVC conduits at pole lights.
- **Installation only of four 5 head 10' pole with HPS heads.**

Base Quote: \$4,890.00

This Proposal does not include:

- **Any sales tax on material.**
- **Any supply of pole light or fixtures in this proposal.**
- **Any overtime or double time.**
- **Any concrete foundation for pole light.**

Additional items:

- 18" diameter by 5' deep reinforced concrete base for each pole....**ADD: \$1,856.00**
Please draw a line though the above item if not needed.

Total Quote: \$_____

This proposal is valid only 30 days from the above date.

Sincerely,
RNS Electric Inc.

Accepted by:

Ty Slonneger
General Manager

By: _____

Date: _____

Committed to our customers and quality.