

**AGENDA ITEM EXECUTIVE SUMMARY**

Agenda Item number: 5.d

Title:

Recommendation to Approve Purchase Order to H &amp; H Electric Company for Rebuild of Route 31 Streetlight System

Presenter:

Tom Bruhl

Meeting: Government Services Committee

Date: June 25, 2018

Proposed Cost: \$42,611.30

Budgeted Amount: \$45,000.00

Not Budgeted: **Executive Summary** *(if not budgeted please explain):*

City Staff received three bids for streetlight system repair. For work required to rebuild the underground system on Route 31 from Main Street to the bike path, H & H Electric offered the lowest unit costs. The existing system is in need of maintenance. Many of the concrete footers that support the poles are cracking due to years of corrosion from salt. Additionally, work done to bring power to the kinetic sculpture revealed that the steel pipe between the poles has corroded. This work will modernize to a high-density polyethylene pipe that will withstand the conditions better than steel.

H & H is a new vendor to St. Charles, but they have done a lot of work for other municipalities and are familiar with repairing and maintaining streetlights on IDOT rights-of-ways.

**Attachments** *(please list):*

\* Bid Tabulation

**Recommendation/Suggested Action** *(briefly explain):*

Recommendation to award Purchase Order with H & H Electric Company for rebuilding Route 31 Streetlights in the amount of \$42,611.30

| Bidder   | Expected Quantity | Units            |            |            | Total              |                    |                    |
|--|-------------------|------------------|------------|------------|--------------------|--------------------|--------------------|
|  |                   | Utility Dynamics | H&H        | Meade      | Utility Dynamics   | H&H                | Meade              |
| 10. Hand Dig Pit (each)  | 0                 | \$400.00         | \$154.90   | \$300.00   | \$0.00             | \$0.00             | \$0.00             |
| 11. Hand Dig Pit with Landscape Restoration (each)   | 0                 | \$800.00         | \$587.60   | \$500.00   | \$0.00             | \$0.00             | \$0.00             |
| 12. Machine Dig Pit (each)   | 30                | \$400.00         | \$116.20   | \$350.00   | \$12,000.00        | \$3,486.00         | \$10,500.00        |
| 13. Machine Dig Pit with Landscape Restoration (each)  | 0                 | \$800.00         | \$510.20   | \$450.00   | \$0.00             | \$0.00             | \$0.00             |
| 14. Bore 1-1/4" HDPE pipe, pull and terminate wire (per foot)                                  | 2200              | \$15.00          | \$10.70    | \$17.00    | \$33,000.00        | \$23,540.00        | \$37,400.00        |
| 15. Installation of 1-1/4" 90 degree or 45 degree elbow (each)                                 | 6                 | \$100.00         | \$93.00    | \$43.00    | \$600.00           | \$558.00           | \$258.00           |
| 16. Unsuitable backfill spoil removal (cu.yd)  | 0                 | \$150.00         | \$77.50    | \$97.00    | \$0.00             | \$0.00             | \$0.00             |
| 17. Concrete Footer Repair (each)  | 9                 | \$1,200.00       | \$869.70   | \$1,250.00 | \$10,800.00        | \$7,827.30         | \$11,250.00        |
| 20. Install complete streetlight pole up to 18' in height (helix, pole, arm, wires, and fuses) | 0                 | \$2,500.00       | \$2,091.60 | \$1,644.30 | 0                  | 0                  | 0                  |
| 21. Install complete streetlight pole above 18' in height (helix, pole, arm, wires, and fuses) | 0                 | \$2,500.00       | \$2,091.60 | \$2,349.00 | 0                  | 0                  | 0                  |
| 22. Provide 2-man crew, tools, vehicles, and equipment for streetlight construction.           | 0                 | \$300.00         | \$468.60   | \$234.90   | 0                  | 0                  | 0                  |
| <b>Total Bid</b>   |                   |                  |            |            | <b>\$56,400.00</b> | <b>\$35,411.30</b> | <b>\$59,408.00</b> |
| <u>Additional units not on bid:</u>  |                   |                  |            |            |                    |                    |                    |
| Concrete Sidewalk Removal (sq ft)  | 600               | \$7.00           |            |            | No Bid             | \$4,200.00         | No Bid             |
| Contingency  |                   |                  |            |            | \$3,000.00         | \$3,000.00         | \$3,000.00         |
| <b>Total</b>   |                   |                  |            |            | <b>\$59,400.00</b> | <b>\$42,611.30</b> | <b>\$62,408.00</b> |