

**Town of Lyons, Colorado
Board of Trustees
BOT Agenda Cover Sheet
Agenda Item No: VI. 3.
Meeting Date: 11/04/24**

TO: Mayor Rogin and Members of the Board of Trustees

FROM: Aaron Caplan, Engineering, Building & Utilities Director

DATE: October 30, 2024

ITEM: Resolution 2024-92 – A Resolution of the Town of Lyons, Colorado, Awarding and Approving a Professional Services Agreement for a Streetlight Conversion Study to Kimley-Horn Associates, Inc.

<input type="checkbox"/>	ORDINANCE
<input checked="" type="checkbox"/>	MOTION / RESOLUTION
<input type="checkbox"/>	INFORMATION

- I. REQUEST OR ISSUE:**
This resolution awards and approves a Streetlight Conversion Study.
- II. RECOMMENDED ACTION / NEXT STEP:**
Approve Resolution 2024-92
- III. FISCAL IMPACTS:** The selected proposal will cost \$29,460. The contractor has been advised that the town does not cover reimbursable expenses, and the \$250 they have listed in the contract for reimbursable expenses is not included in the professional services agreement. The Town has received a Boulder County Sustainability Grant to cover up to \$15,000 for the study. The electric utility budgeted \$20,000 for this study, which will be used to pay the remaining \$14,460 after the grant funding.
- IV. BACKGROUND INFORMATION:**
Many of the town's streetlights are not metered, and the electric utility covers the cost of electricity for them. The Utility and Engineering Board was interested in finding out how much savings there would be if all of our streetlights were converted to LED lighting and how long it would take to break even on that investment. Reducing electricity consumption is good for the environment.
- There have also been discussions on streetlighting in the Town of Lyon for many years, with some residents wanting less lighting, some more lighting, and more recently, interest in dark skies.
- This study would first inventory our existing streetlights. It would include public outreach for citizen input and then make recommendations on standards for street lighting, including location, brightness, color of light, potential fixtures, and remote-control options

for dimming or timed on and off. The study will provide the Town with a benefit-cost analysis of switching to LED lights as well as the cost for the fixtures that would be needed to meet the standards that are developed.

The Town received 4 bids ranging from \$29,460 to \$113,000.

V. LEGAL ISSUES:

None

VI. CONFLICTS OR ENVIRONMENTAL ISSUES:

None

VII. SUMMARY AND ALTERNATIVES:

Approve the resolution to conduct the study

Request more information on the study

Deny the resolution and do not conduct the study

PROPOSED MOTION:

"I move to approve Resolution 2024-92, A Resolution of the Town of Lyons, Colorado Approving a Professional Services Agreement for Streetlight Conversion Study to Kimley Horn."