

## Legislation Text

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File #: 15-7610, Version: 1

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### Purchase Traffic Signal Controllers

**Action:**

- A. Approve the purchase of traffic signal controllers, as authorized by the sole source exemption of G.S. 143-129 (e)(6), and**
- B. Approve a sole source contract in the amount of \$220,600 with Econolite, Inc. for the purchase of traffic signal controllers.**

**Staff Resource(s):**

Liz Babson, Transportation  
Charles Abel, Transportation

**Sole Source Exemption**

G.S. 143-129 (e) (6) provides that formal bidding requirements do not apply when:

- Performance or price competition are not available;
  - A needed product is available from only one source or supply; or
  - Standardization or compatibility is the overriding consideration.
- Sole sourcing is necessary for this contract because the controllers must be compatible with our existing software and communications network.
  - The City Council must approve purchases made under the sole source exception.

**Explanation**

- Transportation, CATS, and Fire are currently implementing a traffic signal system that will give priority treatment to buses and fire trucks at signalized intersections.
- The traffic signal controllers are needed to standardize the controller software at all signalized intersections within the City, which will work with the new bus and fire truck priority system.
- The priority system will help to give CATS buses that are running behind schedule extra green time at traffic signals and will reduce response times for Fire vehicles by ensuring that the signal is green for the fire truck as it approaches.
- This purchase will replace all the existing traffic signal controllers in the Uptown area (Council Districts 1 and 2) and is anticipated to be completed by June 2018.

**Charlotte Business INclusion**

This is a sole source contract and is exempt (Part A: Appendix 1.27 of the Charlotte Business INclusion Policy).

**Fiscal Note**

Funding: General Community Investment Plan