

## Legislation Details (With Text)

**File #:** 15-5771      **Version:** 1      **Name:**

**Type:** Consent Item      **Status:** Approved

**File created:** 6/2/2017      **In control:** City Council Business Meeting

**On agenda:** 6/26/2017      **Final action:** 6/26/2017

**Title:** LED Traffic Signal Bulbs

### Attachments:

Date	Ver.	Action By	Action	Result
6/26/2017	1	City Council Business Meeting	Approve	Pass

## LED Traffic Signal Bulbs

### Action:

- A. Award a unit price contract to the lowest responsive bidder LeoTek Electronics USA, LLC for the purchase of LED Signal Light Modules for a term of three years, and**
- B. Authorize the City Manager to renew the contract for up to two, one-year terms with possible price adjustments and to amend the contract consistent with the purpose for which the contract was approved.**

### **Staff Resource(s):**

Danny Pleasant, Transportation  
Ronnie Ashburner, Transportation

### **Explanation**

- The Department of Transportation manages over 760 traffic signals within the City limits, all of which use LED bulbs.
- LED bulbs reduce energy consumption by approximately 40%, saving the City about \$50,000 per year. LEDs also last five to seven years versus traditional incandescent bulbs' two year service life.
- LED modules are used in traffic signal lights at intersections. The City requires eight-inch and 12-inch modules in red, yellow, and green colors.
- On May 15, 2017, the City issued an Invitation to Bid; four bids were received from interested service providers.
- LeoTek Electronics USA, LLC was selected as the lowest responsive, responsible bidder.
- Estimated annual expenditures are \$200,000.

### **Charlotte Business INclusion**

No subcontracting goals were established because there are no subcontracting opportunities (Part C: Section 2.1(a) of the Charlotte Business INclusion Policy).

### **Fiscal Note**

Funding: Charlotte Department of Transportation Operating Budget