



Legislation Details (With Text)

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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