

Legislation Text

File #: 15-21122, Version: 1

Rectangular Rapid Flashing Beacons Installation

Action:

Approve a contract in the amount of \$1,527,731.70 to the lowest responsive bidder Lumin8 Transportation Technologies, LLC, for the Rectangular Rapid Flashing Beacons Installation project.

Staff Resource(s):

Debbie Smith, Transportation
David Smith, Transportation
Bryan Tarlton, Transportation

Explanation

- The Strategic Mobility Plan (SMP), adopted by Council in June 2022, outlines the mobility policies to achieve a safe, connected, equitable, sustainable, prosperous, and innovative transportation network for Charlotte.
- These devices align with the Vision Zero goals, one of the key objectives in the SMP, of providing safe crossings for pedestrians in mid-block and other uncontrolled locations.
- Rectangular rapid flashing beacons (RRFBs) are an innovative way to warn motorists of pedestrians crossing at mid-block locations. RRFBs use amber light emitting diodes with a rapid flash pattern to supplement warning signs at unsignalized intersections or mid-block crosswalks.
- RRFBs offer significant safety and cost benefits because they achieve high rates of driver yielding compliance in comparison to other flashing beacons.
- The contract will include the purchase and installation of the RRFB systems, including associated infrastructure improvements.
- On June 13, 2023, the city issued an Invitation to Bid; five bids were received.
- Lumin8 Transportation Technologies, LLC was selected as the lowest responsive, responsible bidder.

Charlotte Business INclusion

Contract goals were not established on this Contract as there were no viable subcontract opportunities.

Fiscal Note

Funding: General Capital Investment Plan