



/ Opportunities

Charlotte Department of Transportation / Commodities & Goods

Traffic Signal Detection Technology Evaluation

The City of Charlotte Department of Transportation (CDOT) is seeking proposals from qualified vendors to provide advanced detection technology and assist with its installation at designated intersections. This effort supports a comparative analysis to identify the most suitable detection solution for the City. The selected detection systems must reliably identify all roadway users, including vehicles, pedestrians, cyclists, and scooters. Participating vendors will engage in a field evaluation and must provide all necessary equipment, software, and installation assistance. The City intends to award a three-year contract with two optional one-year renewals, for a total potential term of five years. Evaluation criteria include detection capabilities, ease of installation and maintenance, technical compliance, feature set, data quality, experience, and cost competitiveness.

Details

Posting Number	2025-Q2(Apr-Jun)-CDT-18104
Anticipated Posting Date	2025-06-30
Commodity Code(s):	55079, 55088, 55089, 55090, 55091

Requirements

Last Updated: 02/12/26

Insurance Requirements

The City requires the awarded vendor(s) to obtain and maintain the following insurance coverage types:

- ☒ Automobile-For automobile operations liability
- ☒ General Liability-For bodily injury or property damage, arising from products, premises, completed work, personal & advertising injury
- ☒ Workers Compensation-For lost wages and medical expenses of injured workers

Subcontracting Opportunities

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None

Estimated Total Value

The total project value is anticipated to be:



\$1,000,000 -4,999,999

Contract Term

The term of the project is anticipated to be:



Multi-Year



Three years, with two optional one-year renewals, for a total potential term of five years

For Questions, Contact:

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City Contact

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