



Legislation Text

File #: 15-9465, Version: 1

Charlotte Fire Department Strategic Deployment and Operational Planning Software

Action:

- A. Approve a contract with Levrum Code3 Strategist to provide, implement, and maintain strategic deployment and operational planning software,**
- B. Authorize the City Manager to approve price adjustments and amend the contract consistent with the purpose for which the contract was approved, and**
- C. Authorize the City Manager to purchase maintenance and support as required to maintain the system for as long as the City uses the system.**

Staff Resource(s):

Reginald Johnson, Fire

Explanation

- The Charlotte Fire Department (CFD) needs the capability to predict operational workloads for a five- to 10-year timespan and evaluate alternate deployment strategies.
- This type of effective, long-term planning requires the ability to map station locations as well as apparatus and staff deployment while also accounting for urban growth, incident trends, and other related factors that may impede response times.
- In the past, CFD has relied on more rudimentary resource deployment modeling based on historical data for long-range planning purposes.
- This software will allow CFD to integrate predictive analysis into the department's planning so it can more efficiently deploy resources.
- In Fiscal Year 2018, CFD contracted with the vendor on a trial basis to ensure that this software provided the necessary tools to meet the department's needs; this trial was successful.
- Waiver of a competitive solicitation process for services may be granted on a limited basis when deemed appropriate and in the City's best interest. A waiver of competitive solicitation was approved for this vendor on August 16, 2018.
- CFD will spend \$125,000 during the first year of the contract. Annual expenditures for licenses and support are estimated to be \$41,000.

Charlotte Business INclusion

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

Fiscal Note

Funding: General Grants Fund and Charlotte Fire Operating Budget