

## Legislation Details (With Text)

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**Title:** Intelligent Transportation System Projects Engineering Services

### Attachments:

Date	Ver.	Action By	Action	Result
9/23/2019	1	City Council Business Meeting	Approve	Pass

## Intelligent Transportation System Projects Engineering Services

### Action:

- A. Approve contracts for professional services for the design and construction administration of Intelligent Transportation Systems projects for initial terms of three years with the following:**
- **DRMP, INC.,**
  - **Exult Engineering, PC,**
  - **HNTB North Carolina, PC,**
  - **Kimley-Horn and Associates, Inc.,**
  - **Midsouth Consulting Engineers, Inc., and**
- B. Authorize the City Manager to renew the contracts for up to two, one-year terms and to amend the contracts consistent with the purpose for which the contracts were approved.**

### Staff Resource(s):

Liz Babson, Transportation  
Ashley Boenisch, Transportation

### Explanation

- Intelligent Transportation Systems (ITS) projects are part of the implementation of the Intelligent Transportation System Master Plan described in the Transportation Action Plan.
- The city continues to install fiber optic cable to support its growing communications system with over 325 miles of fiber optic cable connecting over 500 traffic signals.
- Fiber optic cabling, traffic signal interconnection, and video traffic management cameras provide the ability to remotely adjust traffic signals in response to traffic flow and emergency conditions.
- These services will vary and include conceptual planning, design preparation, utility coordination services, and construction administration/inspection.
- On February 14, 2019, the city issued a Request for Qualifications (RFQ); 10 proposals were received.
- DRMP, INC., Exult Engineering, PC, HNTB North Carolina, PC, Kimley-Horn and Associates, Inc., and Midsouth Consulting Engineers, Inc. are the best qualified firms to meet the city's needs on the basis of demonstrated competence and qualification of professional services in response to the RFQ requirements.
- Total expenditures over the initial, three-year term are estimated to be \$2,750,000.

### Charlotte Business INclusion

The city negotiates subcontracting participation after the proposal selection process (Part B: Section 3 of

the Charlotte Business INClusion Policy). On these contracts, the Prime Consultants have each committed a percentage of the total contract amount to the following certified firms:

- DRMP, INC. has committed 8.00% (\$32,000) of the total contract amount to the following certified firms.
  - Hinde Engineering, Inc. (SBE) (Utility management services, construction management services)
- Exult Engineering, PC has committed 8.00% (\$56,000) of the total contract amount to the following certified firms.
  - Kennerly Engineering & Design, Inc. (SBE) (Utility management services, Design services, Drafting services)
  - DPR Associates, Inc. (SBE) (Utility management services, Design services, Drafting services)
- HNTB North Carolina, PC, has committed 8.00% (\$32,000) of the total contract amount to the following certified firms.
  - Utility Coordination Consultants, Inc. (SBE) (Utility management services, construction management services)
- Kimley-Horn and Associates, Inc., has committed 8.00% (\$56,000) of the total contract amount to the following certified firms.
  - Exult Engineering, PC (SBE) (Construction inspection and management services)
  - Hinde Engineering, Inc. (SBE) (Utility management services, construction management services)
- Midsouth Consulting Engineers, Inc. has committed 10.00% (\$55,000) of the total contract amount to the following certified firms.
  - SEPI Engineering and Construction, Inc. (SBE) (Construction inspection and management services)

#### **Fiscal Note**

Funding: General Capital Investment Plan