

Legislation Details (With Text)

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Title: Intelligent Transportation System Projects Engineering Services

Attachments:

Date	Ver.	Action By	Action	Result
6/12/2017	1	City Council Business Meeting	Approve	Pass

Intelligent Transportation System Projects Engineering Services

Action:

Approve professional services contracts in the estimated amount of \$1,160,000 for the design and construction administration of fiber optic cable routes and traffic signal interconnection with the following firms:

- **DRMP, Inc. (\$375,000),**
- **Kimley-Horn and Associates, Inc. (\$360,000), and**
- **STV Engineers, Inc. (\$425,000).**

Staff Resource(s):

Danny Pleasant, Transportation
Angela Berry, 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 almost 300 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 contracts will vary from project to project and may range from concept planning and evaluations, complete plan preparations, utility relocation services, construction administration/inspection, and a master plan update.
- On March 23, 2017, the City issued a Request for Qualifications (RFQ); seven statements of qualifications were received from interested engineering firms.
- DRMP, Inc., Kimley-Horn and Associates, Inc., and STV Engineers, Inc. were selected as the best firms to meet the City's needs.
- The contract amounts were estimated and determined based on the anticipated ITS projects, which will be assigned to each firm. The projects vary in length, the number of traffic signals, and the number of cameras.

Charlotte Business INclusion

The City negotiates subcontracting participation after the proposal selection process (Part C: Section 2.1 (h) 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. (10%)

- Hinde Engineering, Inc. (SBE) (Utility management services, construction management services)
- US Infrastructure of Carolina, Inc. (SBE) (Utility make-ready)

Kimley-Horn (10%)

- Hinde Engineering, Inc. (SBE) (Utility management services, construction management services)

STV Engineers, Inc. (14%)

- Utility Coordination Consultants, Inc. (SBE) (Utility make-ready)
- Jarrett Engineering, PLLC (SBE) (Utility coordination)

Fiscal Note

Funding: General Community Investment Plan