

## Legislation Details (With Text)

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**Title:** Mechanical Engineering Design Services

**Attachments:**

Date	Ver.	Action By	Action	Result
1/22/2018	1	City Council Business Meeting	Approve	Pass

## Mechanical Engineering Design Services

### Action:

**Approve unit price contracts with the following firms for mechanical engineering design services for a three-year term:**

- **AME Consulting Engineers, PC**
- **Little Diversified Architectural Consulting, Inc.**
- **McCracken & Lopez, P.A.**
- **McKim & Creed, Inc.**
- **Professional Engineering Associates, P.A.**
- **RMF Engineering, Inc.**

### **Staff Resource(s):**

Mike Davis, Engineering and Property Management  
William Haas, Engineering and Property Management  
Steve Marlowe, Engineering and Property Management

### **Explanation**

- Engineering and Property Management is responsible for the operations and maintenance of municipal facilities, structures and assets including office, warehouse, storage, parking, vehicle maintenance, communication towers, and public safety.
- Throughout the year, various mechanical engineering design services are needed for maintenance or minor renovations to City facilities.
- Needs are numerous, on-going and may arise unexpectedly. Examples include new or replacement HVAC equipment, chillers, rooftop systems, heat pumps and geothermal systems.
- On August 16, 2017, the City issued a Request for Qualifications (RFQ); the City received six proposals from interested professional service providers.
- The six firms selected 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.
- Existing contracts with design professionals ensures optimal operation of City facilities. Work will

be assigned on an as-needed, task order basis. Firms may be required to provide services on short-notice and under a tight schedule.

- Each of the six contracts will have a term of three years and a budget of \$150,000 (total budget for all contracts is \$900,000).

### **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). Each of the Prime firms listed has identified MSBE firms to participate as project scopes are defined, and committed at least 10 percent of the total contract amount to certified firms. Two of the firms selected, AME Consulting Engineers, PC and McCracken & Lopez, P.A. are City SBE firms.

#### AME Consulting Engineers, PC (SBE):

- LTArchitecture, PLLC (MBE) (architectural services)
- Zapata, Inc. (MBE) (engineering services)

#### Little Diversified Architectural Consulting, Inc.:

- Building EnergetiCx, PLLC (SBE) (design reviews/quality control)

#### McCracken & Lopez, P.A. (SBE):

A City SBE may count the work it intends to perform with its own current workforce towards the SBE subcontracting goals (Part C: Section 3.1 of the Charlotte Business INclusion Policy). McCracken & Lopez will perform 100 percent of the contract.

#### McKim & Creed, Inc.:

- Integra Architecture (MBE) (architectural services)
- Maloney Engineering (SBE) (mechanical engineering services)

#### Professional Engineering Associates, P.A.:

- Richa Graphics (MBE) (printing)
- Maloney Engineering (SBE) (engineering services)

#### RMF Engineering, Inc.:

- C-Design Inc. (SBE) (architectural services)
- Structural Capacity (MBE) (structural engineering)

### **Fiscal Note**

Funding: General Community Investment Plan and Engineering and Property Management Operating Budget