



**Date:** May 7, 2019

**To:** Thomas J. Bonfield, City Manager  
**Through:** W. Bowman Ferguson, Deputy City Manager  
**From:** Marvin G. Williams, Director of Public Works  
**Subject:** Contract ST-290C, Inspections for Various City Construction Projects

### **Executive Summary**

On March 21, 2019, the Department of Public Works received two submittals for Contract ST-290C, Inspections for Various City Construction Projects. The contract involves inspections for milling, patching, utility adjustments, asphalt paving, pavement markings, microsurfacing, cape sealing, and crack sealing at various locations within the City of Durham (Attachment A - Vicinity Map). After reviewing the two submittals it was apparent that AECOM had the most experience and depth of inspectors to meet the needs for this project. The Administration recommends that the ST-290C Inspections for Various City Construction Projects be awarded to AECOM Technical Services of North Carolina, Inc. for inspections services.

### **Recommendation**

The Administration recommends that the City Council authorize the City Manager to execute a contract for ST-290C, Inspections for Various City Construction Projects with AECOM Technical Services of North Carolina, Inc. not to exceed \$235,200.00.

### **Background**

Funding for the annual pavement management program has increased over the last two fiscal years. In an effort to balance the workload of our Public Works Inspections Group so they can focus on the increasing amounts of private development inspection needs, Public Works has determined that the best course of action is to hire a firm to handle the inspections for several upcoming pavement management projects. These projects include: ST-290 Street Repair and Repaving, ST-298 Pavement Preservation, and ST-299 Asphalt Rejuvenation projects.

Public Works is dedicated to building a paving program that is balanced between the preservation of roads that are currently in good condition, and repaving roads that are beginning to fail. Part of building a successful program is full-time inspections. In addition, Public Works sought firms that have extensive experience in pavement preservation techniques and can help make decisions on how best to apply each treatment.

### **Issues/Analysis**

The Public Works Department recommends awarding Contract ST-290C Inspections for Various City Construction Projects to AECOM Technical Services of North Carolina, Inc. for inspections services in the amount of \$235,200.00.

**Alternatives**

City Council can choose to not proceed with this project and redirect the funding to another project. However, Public Works Engineering Inspectors will have to provide multiple inspectors to meet the demands of the paving projects, which will impact their ability to provide timely inspections for private development projects.

**Financial Impact**

Funds for this project are available in the following accounts:

CIP Repaving Funds: 3000L010 - 731002 - LE963 \$235,200.00

**UBE Summary**

The Equal Opportunity/Equity Assurance Department reviewed the proposal submitted by AECOM Technical Services of North Carolina, Inc. of Raleigh, NC and determined that they are in compliance with the Ordinance to Promote Equal Business Opportunities in City of Durham Contracting.

**UBE REQUIREMENTS**

AECOM Technical Services of North Carolina, Inc. will subcontract to the following certified firm:

| <b>Firm</b>                    | <b>ID</b> | <b>City/State</b> | <b>Amount</b> | <b>% of Contract</b> |
|--------------------------------|-----------|-------------------|---------------|----------------------|
| Trimat Materials Testing, Inc. | MUBE      | Raleigh, NC       | \$12,900.00   | 5%                   |

No MUBE or WUBE goals were set. This is a project in which there were insufficient subcontracting opportunities identified by the department. In the absence of subcontracting opportunities there were no goals set.

**WORKFORCE STATISTICS**

**Total Workforce:**

| <b>Employment Category</b> | <b>Total Employees</b> | <b>Total Males</b> | <b>Total Females</b> |
|----------------------------|------------------------|--------------------|----------------------|
| Project Manager            | 20                     | 17                 | 3                    |
| Professional               | 93                     | 54*                | 39                   |
| Technical                  | 9                      | 6                  | 3                    |
| Clerical                   | 2                      | 1                  | 1                    |
| Labor                      | 0                      | 0                  | 0                    |
| <b>Total</b>               | <b>124</b>             | <b>78</b>          | <b>46</b>            |

**Male:**

| <b>Employment Category</b> | <b>White</b> | <b>Black</b> | <b>Hispanic</b> | <b>Asian or Pacific Islander</b> | <b>Indian or Alaskan Native</b> |
|----------------------------|--------------|--------------|-----------------|----------------------------------|---------------------------------|
| Project Manager            | 15           | 0            | 0               | 2                                | 0                               |
| Professional               | 43           | 3            | 2               | 5                                | 0                               |
| Technical                  | 5            | 0            | 1               | 0                                | 0                               |
| Clerical                   | 1            | 0            | 0               | 0                                | 0                               |
| Labor                      | 0            | 0            | 0               | 0                                | 0                               |
| Total                      | 64           | 3            | 3               | 7                                | 0                               |

**Female:**

| <b>Employment Category</b> | <b>White</b> | <b>Black</b> | <b>Hispanic</b> | <b>Asian or Pacific Islander</b> | <b>Indian or Alaskan Native</b> |
|----------------------------|--------------|--------------|-----------------|----------------------------------|---------------------------------|
| Project Manager            | 3            | 0            | 0               | 0                                | 0                               |
| Professional               | 28           | 5            | 0               | 6                                | 0                               |
| Technical                  | 3            | 0            | 0               | 0                                | 0                               |
| Clerical                   | 0            | 1            | 0               | 0                                | 0                               |
| Labor                      | 0            | 0            | 0               | 0                                | 0                               |
| Total                      | 34           | 6            | 0               | 6                                | 0                               |

*\*Male total includes 1 person that declared two or more races.*

**Attachments**

Attachment A, Vicinity Map