



Date: July 11, 2017

To: Thomas J. Bonfield, City Manager
Through: W. Bowman Ferguson, Deputy City Manager
From: Marvin G. Williams, Director of Public Works
Subject: Contract SW-44D, Carpenter-Fletcher Road Bike and Pedestrian Improvements (TIP# U-4726 HO)

Executive Summary

On October 7, 2016, the Department of Public Works issued a Request for Letters of Interest (RFLOI) for engineering firms to provide engineering design services for four sidewalk and bike lane projects. Letters of Interest (LOI) were received on November 7, 2016, from nine professional engineering firms. A selection committee reviewed all submittals, selected five firms for interviews, and distributed the four projects to four different firms. The selection committee recommended that the Carpenter-Fletcher Road Bike and Pedestrian Improvements, SW-44D contract be awarded to SEPI Engineering and Construction Inc. for design (Exhibit A – Vicinity Map).

Recommendation

The Administration recommends that the City Council authorize the City Manager to execute a Design Services contract with SEPI Engineering and Construction Inc. of Raleigh, N.C. for SW-44D, Carpenter-Fletcher Road Bike and Pedestrian Improvements (TIP# U-4726 HO), in the amount not to exceed \$489,850.91.

Background

Carpenter-Fletcher Road Bike and Pedestrian Improvements (SW-44D) allows for the design of approximately 0.8 miles (4100 LF) of new sidewalk and bicycle facilities along Carpenter-Fletcher Road from Woodcroft Parkway to Alston Avenue. The City entered into a Municipal Agreement with NCDOT for this project on August 17, 2015. The estimated total cost of the project is \$4.7M, with the cost for design being \$489,850.91. Construction is estimated to be completed in June of 2021.

The need for sidewalks and bicycle facilities on Carpenter-Fletcher Road between Woodcroft Parkway to Alston Avenue was identified in both the 2006 DurhamWalks! Pedestrian Plan and the 2006 Comprehensive Bicycle Transportation Plan. Multiple accidents involving pedestrians have occurred on this corridor in recent years per the Transportation Department's records. The project was not reprioritized in the Durham Bike+Walk Plan due to the existing agreement with the North Carolina Department of Transportation (NCDOT) to fund this project. The project ties into the long-term bicycle network identified in the Bike+Walk Plan, and the sidewalks will connect to existing sidewalks on Woodcroft Parkway, improve the intersections of NC 55 and S. Alston Avenue.

Since this is a federally funded project, federal guidelines will be followed. The RFLOI selection process is similar to the City's Request for Qualification (RFQ) process for professional services.

Issues/Analysis

The Public Works Department recommends awarding Contract SW-44D, Carpenter-Fletcher Road Bike and Pedestrian Improvements (TIP# U-4726 HO) to SEPI Engineering and Construction Inc. of Raleigh, N.C., in the amount not to exceed \$489,850.91.

Alternatives

City Council can choose to not proceed with this project and redirect the funding to another project; however, the City would lose the federal funds for this project.

Financial Impact

This project is funded from the Surface Transportation Program-Direct Attributable (STP-DA) funds. These funds require a local match. For the engineering design portion of the project, there is a federal authorization in the amount of \$716,895.00 (\$573,561.00 federal and \$143,334.00 local).

The estimated total cost of this project is \$4.7M (#3,531,053 Federal and \$1,157,930 Local). The estimated cost of construction is \$2.9M. The estimated cost to the City, including design and construction, is \$1,157,930.00; this includes construction administration, inspections, testing, and right-of-way acquisition expenses that exceed the amount for which NCDOT will reimburse. Funds are available in the Federal-State Match CIP fund for this design contract.

CIP Transportation Federal-State Match: 3612LG00-731002-LCC86 \$489,850.91

UBE Summary

This is a federally funded project and was not reviewed for compliance with the Ordinance to Promote Equal Opportunities in City Contracting. SEPI Engineering & Construction, Inc. is certified WUBE firm.

WORKFORCE STATISTICS

Total Workforce:

Employment Category	Total Employees	Total Males	Total Females
Project Manager	15	10	5
Professional	35	29	6
Technical	66	58	8
Clerical	14	2	12
Labor	1	1	0
Total	131	100	31

Male:

Employment Category	White	Black	Hispanic	Asian or Pacific Islander	Indian or Alaskan Native
Project Manager	10	0	0	0	0
Professional	29	0	0	0	0
Technical	55	3	0	0	0
Clerical	1	0	0	1	0
Labor	1	0	0	0	0
Total	96	3	0	1	0

Female:

Employment Category	White	Black	Hispanic	Asian or Pacific Islander	Indian or Alaskan Native
Project Manager	4	1	0	0	0
Professional	6	0	0	0	0
Technical	6	0	0	0	2
Clerical	9	2	1	0	0
Labor	0	0	0	0	0
Total	25	3	1	0	2