



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-47D, Morreene Road Bike and Pedestrian Improvements (TIP# C-4928)

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 Morreene Road Bike and Pedestrian Improvements, SW-47D contract be awarded to Kimley-Horn and Associates 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 Kimley-Horn and Associates Inc. of Raleigh, N.C. for SW-47D, Morreene Road Bike and Pedestrian Improvements (TIP# C-4928), in the amount not to exceed \$842,161.50. Construction is estimated to be completed in June of 2021.

Background

Morreene Road Bike and Pedestrian Improvements (SW-47D) allows for the design of approximately 1.5 miles (7,920 LF) of new sidewalk and bicycle facilities along Morreene Road from Neal Road to Erwin Road. The City entered into a Municipal Agreement with NCDOT for this project on August 17, 2015. The estimated total cost of the project is \$6.3M, with the cost for design being \$842,161.50.

The need for sidewalks and bicycle facilities on Morreene Road between Neal Road and Erwin Road was identified as a need 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 most of this project. However, the project is part of the long-term bicycle network identified in the Bike+Walk Plan, and the sidewalks will connect neighborhoods and Duke University, improve transit stops and facilitate access to the planned Durham Orange Light Rail stop on Erwin Road.

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-47D, Morreene Road Bike and Pedestrian Improvements (TIP# C-4928) to Kimley-Horn and Associates Inc. of Raleigh, N.C. in the amount not to exceed \$842,161.50.

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 and Congestion Mitigation and Air Quality (CMAQ) funds. Both funds require a local match. For the engineering design portion of the project, there is a federal authorization in the amount of \$994,415.00 (\$795,532.00 federal and \$198,883.00 local).

The estimated total cost of this project is \$6.3M (\$4,899,000 Federal and \$1,418,129 Local). The estimated cost of construction is \$4M. The estimated cost to the City, including design and construction, is \$1,418,129.00; 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-LCM83 \$842,161.50

UBE Summary

This is a federally funded project and was not reviewed for compliance with the Ordinance to Promote Equal Opportunities in City Contracting. Kimley-Horn will utilize the following DBE firms:

Kimley-Horn and Associates, Inc. will utilize the following DBE firms:

Firm	ID	City/State	Amount	% of Contract
CH Engineering, PLLC	DBE WBE	Raleigh, NC	\$263,332.36	31.27%
Falcon Engineering, Inc.	DBE WBE	Raleigh, NC	\$ 19,597.10	2.33%
Planners for Environmental Quality, Inc.	DBE MBE	Fairburn, GA	\$ 9,600.00	1.14%

WORKFORCE STATISTICS

Total Workforce:

Employment Category	Total Employees	Total Males	Total Females
Executive/Senior Level Officials	21	18	3
Project Manager	277	235	42
Professional	2120	1420	700
Technical	236	179	57
Clerical	189	10	179
Labor	0	0	0
Total	2843	1862	981

Male:

Employment Category	White	Black	Hispanic	Asian or Pacific Islander	Indian or Alaskan Native	Two or More Races	No Race Identified
Executive/Senior Level Officials	18	0	0	0	0	0	0
Project Manager	223	1	6	5	0	0	0
Professional	1184	30	92	80	6	26	2
Technical	138	13	24	1	1	2	0
Clerical	9	0	1	0	0	0	0
Labor	0	0	0	0	0	0	0
Total	1572	44	123	86	7	28	2

Female:

Employment Category	White	Black	Hispanic	Asian or Pacific Islander	Indian or Alaskan Native	Two or More Races	No Race Identified
Executive/Senior Level Officials	3	0	0	0	0	0	0
Project Manager	39	0	1	1	0	1	0
Professional	558	10	57	45	4	25	1
Technical	40	2	6	4	0	5	0
Clerical	131	18	16	3	0	10	1
Labor	0	0	0	0	0	0	0
Total	771	30	80	53	4	41	2