City of Olathe

COUNCIL AGENDA ITEM

MEETING DATE: 1/22/2019

DEPARTMENT: Public Works
STAFF CONTACT: Mary Jaeger / Beth Wright
SUBJECT: Contract with HNTB Corporation for design of the Lake Side Acres Street Reconstruction Project, PN 3-R-002-20; the Lake Side Acres Sanitary Sewer Rehabilitation Project, PN 1-R-104-17; and the Stevenson Street Stormwater Improvements Project, PN 2-C-014-18.

ITEM DESCRIPTION:
Consideration of a Professional Services Agreement with HNTB Corporation for design of the Lake Side Acres Street Reconstruction Project, PN 3-R-002-20; the Lake Side Acres Sanitary Sewer Rehabilitation Project, PN 1-R-104-17; and the Stevenson Street Stormwater Improvements Project, PN 2-C-014-18.

SUMMARY:
This project is in place to reconstruct streets in the Lake Side Acres neighborhood. The project combines a street reconstruction project with both a sanitary sewer rehabilitation project and a neighborhood flood control project to reduce impacts to citizens and maximize efficiencies.

The street reconstruction project includes the full reconstruction of E. Sheridan Street from S. Harrison Street to S. Curtis St, S. Stevenson Drive and S. Hamilton Street south of E. Sheridan Street, and E. Oak Street between S. Stevenson Drive and S. Hamilton Street. The reconstruction of S. Curtis Street north from E. Sheridan Street is included as an alternate location. The improvements include removal and replacement of the existing road surface with subgrade improvements, full depth asphalt pavement, replacement of concrete curb and gutters, spot replacement of existing sidewalk, installation of new sidewalks, and driveway approaches as required.

The sanitary sewer improvements include rehabilitation of existing sanitary sewers that are in poor structural condition, resulting in a reduction of inflow and infiltration (I&I) and lower operational maintenance costs.

The stormwater improvements will address street and house flooding that occur along S. Stevenson Drive, near E. Sheridan Street. Design of stormwater infrastructure will include improvements to the existing inlets and storm sewers, drainage channel, culverts, and grading. This project will alleviate the flood risk for eight (8) homes in the project area. This project has received Johnson County Stormwater Management Advisory Council (SMAC) Program funds which will provide for 75% of design and construction of the stormwater portion of the project up to a maximum of $1,874,650. This is the first of six identified neighborhood flood control projects located outside the FEMA regulated floodplain.

A Request for Qualifications for this project was issued on October 22, 2018. Six (6) firms responded to this request and HNTB Corporation (HNTB) was selected based on the submitted qualifications.

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The proposed agreement with HNTB includes survey of existing conditions, utility coordination, cost estimates, hydraulic modeling, permitting, development of construction plans in accordance with Olathe specifications, assistance with bidding of project for construction, and assistance as needed throughout construction. The total cost of this agreement is $440,110.

The project is scheduled to begin design in January 2019, with construction tentatively scheduled to begin in early 2020.

FINANCIAL IMPACT:
The design and construction of the Lake Side Acres Street Reconstruction Project, the Lake Side Acres Sanitary Sewer Rehabilitation Project, and the Stevenson Street Stormwater Improvements Project is funded from the following sources:

Street Reconstruction Program	$1,171,000
Water & Sewer Fund	$ 253,000
Johnson County SMAC Program	$1,874,650
Revenue Bonds (Stormwater)	$ 659,100
Stormwater Fund	$ 111,250
Total	**$4,069,000**

ACTION NEEDED:
Approval of a Professional Services Agreement with HNTB Corporation for design of the Lake Side Acres Street Reconstruction Project, PN 3-R-002-20; the Lake Side Acres Sanitary Sewer Rehabilitation Project, PN 1-R-104-17; and the Stevenson Street Stormwater Improvements Project, PN 2-C-014-18.

ATTACHMENT(S):
A: Professional Services Agreement
B: Project Fact Sheet
C: Project Location Map