CITY COUNCIL

CITY OF LYNNWOOD
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TITLE: Contract: Scriber Creek Corridor Sewer Main Improvements Project

DEPARTMENT CONTACT: Erin Duleba, Public Works

SUMMARY:

Contract with BHC Consultants, LLC to perform preliminary design for the Scriber Creek Corridor Sewer Main Improvements Project.

PRESENTER:

Erin Duleba, Project Manager and David Mach, City Engineer

ESTIMATED TIME:

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BACKGROUND:

The need for the Scriber Creek Corridor Sewer Main Improvements Project is discussed in a 2011 Infiltration and Inflow Study, identified as Project C-1 in the City's Capital Improvement Program (CIP) and in the City's Sewer Comprehensive Plan. This project involves gravity sewer replacement and/or rehabilitation of the Scriber Creek sewer mains from Sewer Lift Station 16 near 196th St SW (Southern edge of project) to Highway 99 (Northern edge of project). These sewer mains were constructed using older construction techniques and are under-sized during peak flow events. The sewer mains are subject to high inflow and infiltration (I&I) due to its age and proximity to Scriber Creek. Preliminary design is advisable for this project to assess alternative routing options, alternative solutions to capacity and I&I issues, and to assess environmental permitting associated with work around Scriber Creek.

Infiltration is groundwater entering a sewer pipe by means of defective pipes, pipe joints, or manhole walls. Inflow is the surface water entering the sewer system from yard, roof, and footing drains, from cross connections with storm drains, through holes in manhole covers, and through illicit connections to the sanitary sewer system. Infiltration and inflow comes from groundwater or surface water sources that ends up being conveyed in the sewer system and treated at the City’s Wastewater Treatment Plant (WWTP). Eliminating excessive I&I flow will decrease the frequency of sewer system back-ups, increase system capacity, and reduce wear and tear and operating costs at the lift stations and for equipment at the WWTP. Peak inflow occurs during heavy storm events and peak infiltration is observed following significant and prolonged storm events.

The City will work with BHC Consultants, LLC in a phased approach. This current phase is to perform preliminary design to develop design alternatives, the next phase to develop the full design Plans, Specifications, and Estimate (PSE) for the final construction phase of the project.

SUGGESTED ACTION:

Authorize the Mayor to enter into and execute on behalf of the City, a contract with BHC Consultants, LLC for design services related to the Scriber Creek Corridor Sewer Main Improvements Project, in an amount not to exceed a total contract value of $460,000.

PREVIOUS COUNCIL ACTIONS:

None

FUNDING:

The project costs are consistent with the adopted (2025-26) biennial budget and are anticipated to be consistent with future budgets. The project costs are not being paid for by the general fund. They are being paid for by Utility Fund 412.

VISIONS AND PRIORITIES ALIGNMENT:

The Lynnwood Community Vision states that the City is to “be a welcoming city that builds a healthy and sustainable environment.” The Scriber Creek Corridor Sewer Main Improvements project supports that vision and results in an important improvement to the City’s infrastructure that links City of Lynnwood programs, policies, comprehensive plans, mission, and ultimately the Community Vision. The program provides infrastructure supporting a healthy and sustainable environment for all citizens.

DEPARTMENT ATTACHMENTS

Description: