



Town of Yountville

6550 Yount Street
Yountville, CA 94599

Staff Report

Agenda Item #: {{section.number}}E

Yountville Town Council Staff Report

DATE: March 2, 2021

TO: Mayor and Town Council

FROM: Joe Tagliaboschi, Public Works Director

PREPARED BY: John Ferons, Deputy Public Works Director

SUBJECT:

Adopt Resolution Number 21-4039 Awarding the Bid for the 2021 Sanitary Sewer Slip-lining Project (WW-2021 and WW-3021), Approving a Construction Contract with Miksis Services, Inc. of Healdsburg for \$155,000 and authorizing the Town Manager to execute the construction contract, change orders and amendments up to the budgeted amount.

DISCUSSION/BACKGROUND

At the June 16, 2020 Town Council meeting, Council approved the 2020-21 Capital Improvement Plan with WW-2021 and WW-3021 which includes the Inflow and Infiltration Reduction Program and the Sewer Main Replacement and Repair Program, respectively.

WW-2021, the Inflow and Infiltration Reduction Program is designed to reduce inflow of stormwater and infiltration of groundwater into the sanitary sewer collection system. Reducing the volume of harmless stormwater and groundwater from entering onto the sanitary sewer collection system reduces the risk of sanitary sewer overflows and reduces the volume of effluent required to be pumped and treated at the sewer treatment plant. This program has annual budget of \$82,500.

WW-3021, the Sewer Main Replacement and Repair Program is part of the Town's annual routine maintenance effort to repair and/or replace aging or failing segments of our nearly 45,000 feet of sanitary sewer main. Repairing and/or replacing the pipes within the sanitary sewer collection system reduces the potential for clogged pipes which create system overflows and also reduces the volume of inflow and infiltration ensuring the sanitary sewer collection system remains in proper working order and in compliance with state and federal regulations. This program has an annual budget of \$80,500.

In order to maximize the Town's opportunity within the public bidding environment, the above two programs are combined to finance the annual sanitary sewer slip-lining project. "Slip-Lining" is the preferred method for pipe repair because it is a "trenchless technology". Trenchless technology is a form of underground construction that requires no trenches at surface or street level, instead using techniques and equipment to install or replace underground infrastructure without causing disturbance to the ground above. For this project, a fold and form PVC pipe liner is the selected technology in which a plastic pipe that is manufactured in a folded shape, is placed inside the old sewer line, then thermoformed via heat and pressurized air to create a new solid, round PVC pipe within the shape of the old pipe, extending the useful life of the system up to 100 years.

Age and lifespan assessments of the sewer system along with video surveys of the existing pipes are used to prioritize the mains to be refurbished. The scope of work for the FY 20-21 project includes: Clean and video inspect all sewer lines subject to sliplining this year; slip-lining 145 linear feet of sewer line C2 in Mesa Court; slip-lining 278 linear feet of sewer line A2 in Beard Ditch east of Washington Park; constructing a new maintenance hole and slip-lining 765 linear feet of sewer line A1 in Beard Ditch east of Rancho de Napa; and reinstating all lateral connections to the newly slip-lined pipes. A map is included to detail the specific areas to be repaired.

The cost estimate for this year's work is \$155,000. Based on this dollar amount and pursuant to Yountville Municipal Code and California Public Contract Code, staff prepared Bid Documents and publicly advertised the project as an informal bid. The informal bid package was advertised in the construction trade journals and the Town's virtual plan room February 8th with a 10-day solicitation period. While there were three plan holders, the Town received one bid that was publicly opened and read aloud on February 19, 2021 at 11:00 am. That bid was from Miksis Services, Inc for the price of \$155,000 which contained no errors and is considered responsive and responsible.

Staff requests Town Council adopt the Resolution awarding the Bid for the 2021 Sanitary Sewer Slip-lining Project (WW-2021 and WW-3021), approving a Construction Contract with Miksis Services, Inc. of Healdsburg for \$155,000 and authorizing the Town Manager to execute the construction contract, change orders and amendments up to the budgeted amount.

ENVIRONMENTAL REVIEW

CEQA Cat Ex Class 1, Existing Facilities

FISCAL IMPACT

Is there a Fiscal Impact? Yes

Is it Currently Budgeted? Yes

Where is it Budgeted? Sewer Enterprise Fund Capital Projects WW-2021 and WW-3021

Is it Mandatory or Discretionary? Discretionary

Is there a Staff Resource Impact? Nominal

STRATEGIC PLAN GOAL

Is item Identified in Strategic Plan? Yes

If yes, Identify Strategic Goal and Objective. Responsible Fiscal Policy: The Town maintains its fiscal health through policies designed to maximize economic opportunities, manage expenses, and ensure prudent reserves. Quality of Life: The Town enhances the livability of Yountville by providing well-maintained public facilities, parks and trails, and quality programs and events.

Briefly Explain Relationship to Strategic Plan Goal and Objective. Publicly bidding the project is fiscally responsible, maximizing economic opportunities and maintaining the sanitary sewer collection system of the Town enhances the livability of Yountville with well-maintained public infrastructure.

RECOMMENDATION

Adopt Resolution Number 21-4039 Awarding the Bid for the 2021 Sanitary Sewer Slip-lining Project (WW-2021 and WW-3021), Approving a Construction Contract with Miksis Services, Inc. of Healdsburg for \$155,000 and authorizing the Town Manager to execute the construction contract, change orders and amendments up to the budgeted amount.