



**CITY OF LARKSPUR
Staff Report**

January 19, 2022, City Council Meeting

DATE: January 10, 2022

TO: Honorable Mayor Hillmer and the Larkspur City Council

FROM: Alvin Tan, Assistant Engineer
Julian Skinner, Public Works Director

SUBJECT: AWARD A CONSTRUCTION CONTRACT FOR THE 18 REDWOOD AVENUE CURED-IN-PLACE PIPE PROJECT (CIP 22-301) TO MIKSIS SERVICES, INC. AS THE LOWEST RESPONSIBLE BIDDER SUBMITTING THE LOWEST RESPONSIVE BID IN THE AMOUNT OF \$67,555.00

ACTION REQUESTED

Adopt a resolution awarding a construction contract for the 18 Redwood Avenue Cured-In-Place Pipe Project to Miksis Services, Inc. in the amount of \$67,555.00.

SUMMARY AND BACKGROUND

The project proposes to repair 226 feet of existing corrugated metal pipe 24 inches in diameter using a trenchless method involving lining of the existing pipe. Portions of the pipe were previously spot-repaired; however, there are multiple sections of pipe that continue to deteriorate and a more robust repair is warranted.

City staff developed plans and specifications internally for informal bidding. This resulted in a low total bid of \$67,555.00 from Miksis Services, Inc.

DISCUSSION

As a result of a sink hole developing, on March 20, 2017, the pipe in question was televised beginning at the inlet structure at 18 Redwood Ave. Approximately seventeen feet downstream of this structure, it was discovered that the bottom of the corrugated metal pipe had completely corroded away. The damage was along the segment of pipe under the driveway of 18 Redwood Avenue, where the sinkhole had developed. A spot repair at the sinkhole location was undertaken while staff developed a plan for full pipe repair. Because of the challenges with the alignment of the pipe and to avoid having to replace asphalt pavement and private frontage improvements, the City researched trenchless pipe rehabilitation methods including the cured-in-place pipe lining (CIPP) method. After speaking with prospective contractors specializing in

AGENDA ITEM 4.6

trenchless pipe rehabilitation and other public agencies with trenchless experience, it was determined that the cured-in-place process would be appropriate for rehabilitation of the damaged pipe. The technology for this type of repair consists of lining the existing pipe with a felt material tubing, applying waterproof coating (like polyvinylchloride), and finally impregnating the tubing with liquid thermosetting resin that will create pipe resistance to abrasion from solids, grit and sand. These improvements can be undertaken by inserting the lining material into the existing pipe through an existing inlet or structure which prevents having to trench into the pavement to access the pipe.

The City originally solicited a quote from Miksis since they were one of the only known contractors within Marin County specializing in the CIPP method of pipe rehabilitation. Miksis's lump sum quote was \$64,500, which included clearing the existing pipe of debris, grout filling holes in the invert of the pipe and lining 226' of existing 24" corrugated metal pipe. California Public Contract Code 22032 requires that all public projects above \$60,000 be publicly bid. Section (b) of this code allows public projects of less than \$200,000 to be informally bid. Consistent with the requirements of the Public Contract Code and pursuant to Larkspur Municipal Code Chapter 2.44, the City maintains a list of contractors for the informal bidding process. City staff emailed plans/exhibits and specifications to the following qualified contractors that were on the list:

- Argonaut Constructors
- Bay Cities Paving & Grading
- Ghilotti Bros, Inc.
- Ghilotti Construction
- Linscott Engineering
- Maggiora & Ghilotti
- Team Ghilotti
- WR Forde
- Miksis Services, Inc.

The bid documents were mailed out on December 9, 2021, and bids were due 5:00PM December 23, 2021. Miksis Services, Inc. was the only contractor to submit a bid.

City staff conducted a bid review, and it is the City Engineer's recommendation that a contract be awarded to Miksis Services, Inc. as the lowest responsible bidder submitting the lowest responsive bid. The project documents require the work be completed in 10 working days, counted consecutively from the project commencement date to complete the work. The contractor will be delivering doorhanger notices to all residents 72-hrs prior to start of construction.

While the City has adopted a Storm Drain Master Plan including a list of storm drain repair and replacement projects there is no identified funding for such projects at this time. This project has been accelerated due to multiple pipe failure issues and the need to protect above public and private facilities including Redwood Avenue.

Redwood Avenue was previously paved with City wide Paving Plan funds. This storm drain would ordinarily have been replaced as part of the paving project, however the CIPP process allows the storm drain project to follow the street repaving. To avoid sub-contractor mark-up, the pipe work was developed as a standalone project.

FISCAL IMPACT

There are no identified funds for storm drain repairs/ replacements beyond Public Works Operation Budget amounts. Given the subject pipe serves to drain the street (Redwood Avenue) and failures in the pipe threaten the stability of the street, staff proposes using street funds, specifically the Citywide Paving Plan

AGENDA ITEM 4.6

Fund for the work. Funds required to award the subject construction contract are included in the adopted FY 2021/22 Capital Improvement Program, Measure B Group 4 Pavement Rehabilitation Project (CIP 22-301).

City Council authorization of the construction contract is required based on the award amount.

ENVIRONMENTAL STATUS

The 18 Redwood Avenue Cured-In-Place Project has been determined to be categorically exempt under the California Environmental Quality Act (CEQA) Guidelines in Section 15301 (b), Existing Facilities, of the California Code of Regulations Title 14, Chapter 3.

STAFF RECOMMENDATION

Staff recommends that Council:

1. Award a construction contract for the 18 Redwood Avenue Cured-In-Place Pipe Project to Miksis Services, Inc. in the amount of \$67,555.

Respectfully submitted,
Alvin Tan, Assistant Engineer

Attachments

1. Resolution – Award 18 Redwood CIPP Construction Contract
2. Location Map

CITY OF LARKSPUR
RESOLUTION 02/22

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF LARKSPUR
AWARDING A CONSTRUCTION CONTRACT TO MIKSIS SERVICES, INC.
IN THE AMOUNT OF \$67,555.00 FOR THE
18 REDWOOD AVENUE CURED-IN-PLACE PIPE PROJECT CIP 22-301

WHEREAS, sink holes have developed above a City-owned storm drain on Redwood Avenue;

WHEREAS, city staff developed plans and specifications for the significant repair of said storm drain;

WHEREAS, funds for the repair work are available as part of the Measure B Group 4 Pavement Repair project in the adopted FY 2021/22 Capital Improvement Program budget;

WHEREAS, staff advertised the repair work for informal public bid on December 9, 2021;

WHEREAS, one (1) bid was received on December 23, 2021;

WHEREAS, Miksis Services, Inc. was determined to be the lowest responsible bidder submitting the lowest responsive bid for this project with a bid amount of \$67,555;

WHEREAS, it is the recommendation of the City Engineer that a contract be awarded to Miksis Inc. for the subject project;

WHEREAS, City Council authorization is required for the City Manager to execute a construction agreement with Miksis Services, Inc. for the work in an amount not to exceed \$67,555.

NOW, THEREFORE, BE IT RESOLVED that the City Council of the City of Larkspur does hereby resolve, declare, determine and order as follows:

- 1 The City Manager and/or his designee is authorized and directed to execute a construction agreement with Miksis Services, Inc. for an amount not to exceed \$67,555 and take all other action necessary to consummate said transaction.
- 2 The City of Larkspur is authorized to expend the sums necessary to complete said contract, and to draw said sums from the City's current fiscal year CIP budget in the amount of \$67,555.

IT IS HEREBY CERTIFIED that the City Council of the City of Larkspur duly introduced and regularly adopted the foregoing resolution at a regular meeting held on January 19, 2022, by the following vote:

AYES: COUNCILMEMBER:

4.6 ATTACHMENT 1

NOES: COUNCILMEMBER:

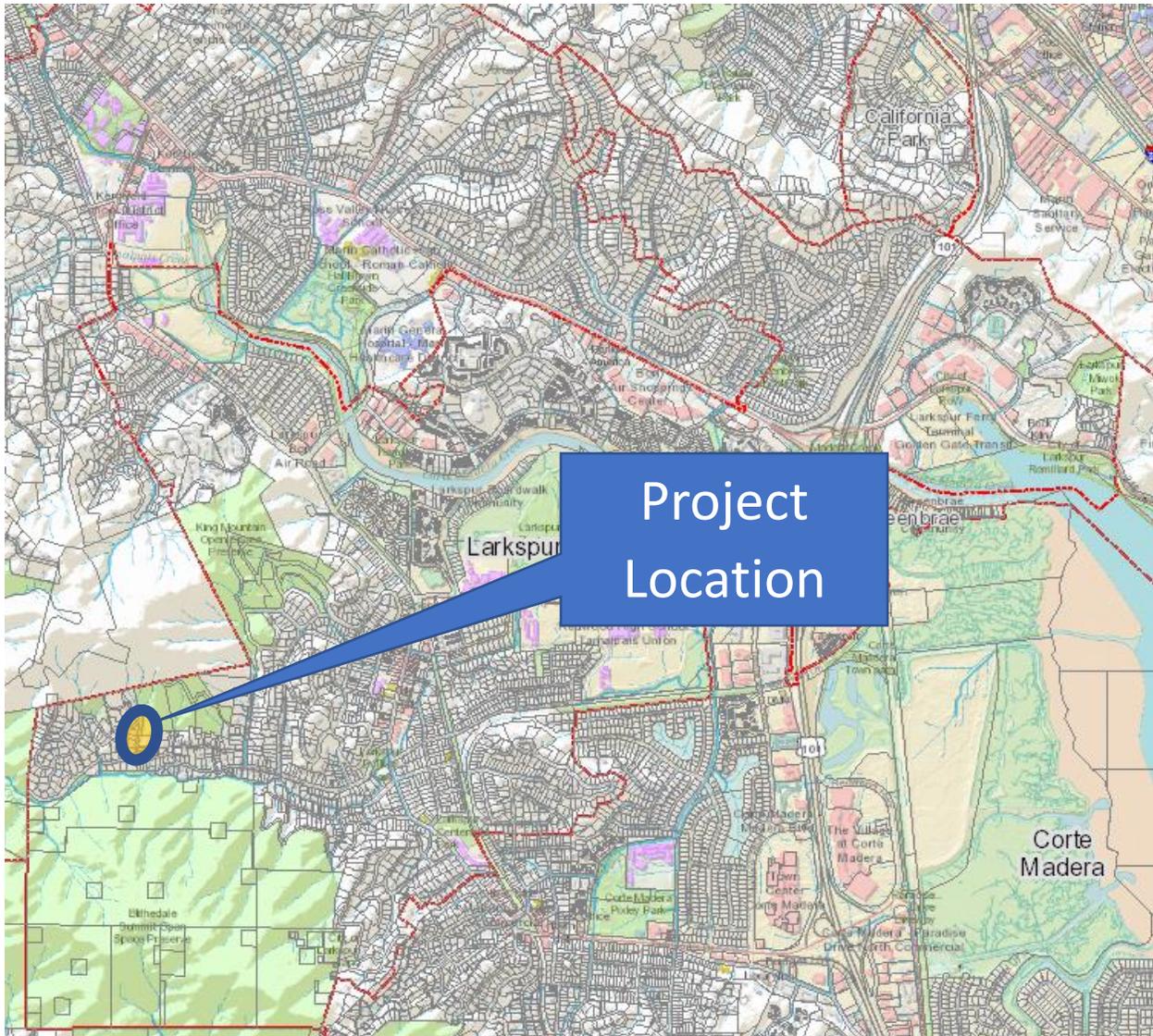
ABSENT: COUNCILMEMBER:

ABSTAIN: COUNCILMEMBER:

Dan Hillmer, Mayor

ATTEST:

Alison Foulis, City Clerk



Location Map

18 Redwood CIPP Project