



STAFF REPORT

Meeting Type: Board of Directors
Title: Award of Contract No. 1982 - Fire Flow Improvement Program – Glenwood Transmission Pipeline Replacement Project (F22002)
From: Alex Anaya, Director of Engineering
Through: Ben Horenstein, General Manager
Meeting Date: May 6, 2025

TYPE OF ITEM: X Action Information

RECOMMENDATION: Approve a resolution authorizing award of Contract No. 1982, Fire Flow Improvement Program – Glenwood Transmission Pipeline Replacement Project, to Maggiora & Ghilotti, Inc. in the amount of \$3,567,800

SUMMARY: This item was reviewed by the District Planning Committee on March 25, 2025. The Fire Flow Improvement Program – Glenwood Transmission Pipeline Replacement Project will install approximately 6,470 feet of new pipe to replace old, leak-prone, fire flow deficient piping in the City of San Rafael within the County of Marin, California.

DISCUSSION: The Fire Flow Improvement Program – Glenwood Transmission Pipeline Replacement Project (Project) is a component of the District’s Fire Flow Improvement Program. This Project will install approximately 6,470 feet of new 18-, 16-, 12-, 8-, 6-, and 4-inch welded steel pipe to replace old, leak-prone, fire flow deficient piping installed as early as 1928.

The Project will take place in the locations described in Table 1 and shown on the map provided in Attachment 1.

Table 1. Pipeline Replacement Locations, Lengths, Installation Dates, and Existing Sizes and Types

STREET	LENGTH	INSTALLATION DATE	EXISTING SIZE & TYPE
Lochinvar Road	2107 ft	1954	10” CIP*
Manderly Road	97 ft	1954	6” CIP, 8” CIP
Dunfries Terrace	99 ft	1954	8” CIP
Kinross Drive	69 ft	1954	6” CIP
Locksly Lane	115 ft	1996	6” PVC
Bonnie Banks Way	133 ft	1973, 1961	8” ACP**, 16” WSP

Table 1 (continued).

Allensby Lane	58 ft	1958	6" CIP
Point San Pedro Road	92 ft	1928	8" CIP
Castlewood Drive	1196 ft	1957, 1966	16" CIP, 8" CIP
Cottonwood Drive	132 ft	1964	6" ACP
Knight Drive	1892 ft	1956, 1964	16" CIP, 6" ACP
Ashwood Court	176 ft	1956	4" CIP
Teakwood Court	227 ft	1956	4" CIP
Fernwood Way	28 ft	1956	6" CIP
Dellwood Court	49 ft	1956	6" CIP

*CIP = Cast Iron Pipe, **ACP = Asbestos Cement Pipe

These street segments were evaluated for the installation of recycled water piping. The nearest existing recycled water pipeline is approximately 4.6 miles away located at the intersection of San Pablo Avenue and Laurel Glen Terrace. The closest waste water treatment plant, Central Marin Sanitation Agency, is located approximately 4.3 miles away in San Rafael. However, their facilities are not equipped to provide tertiary recycled water.

On April 22, 2025, the District opened three (3) bids, as shown in Table 2, for the Fire Flow Improvement Program – Glenwood Transmission Pipeline Replacement Project. Maggiora & Ghilotti, Inc. submitted the lowest responsive and responsible bid in the amount of \$3,567,800. Therefore, staff recommends that the Board of Directors approve a resolution awarding Contract No. 1982 to Maggiora & Ghilotti, Inc. in the amount of \$3,567,800 and authorizing the General Manager to execute any necessary amendments to Contract No. 1982, which do not exceed \$360,000.

Table 2. Bid Results for the Fire Flow Improvement Program – Glenwood Transmission Pipeline Replacement Project

Bid Rank	Contractor Name	Bid Amount
1.	Maggiora & Ghilotti, Inc.	\$3,567,800
2.	Team Ghilotti, Inc.	\$3,667,667
3.	W. R. Forde Associates, Inc.	\$3,988,970

Engineer's Estimate: \$3,890,000

Summaries of the estimated Project costs and schedule are provided below.

Budget:

Contract Award:	\$ 3,567,800
Contingency (10%):	\$ 360,000
Materials and Professional Fees:	\$ 648,000
District Labor/Inspection:	\$ 200,000

Total Budget: \$ 4,775,800
Budget Category: A2A

Project Implementation:

Project Advertisement: April 8, 2025
Bid Opening: April 22, 2025
Project Award: May 6, 2025
Estimated Completion Date: January 2, 2026
Duration: 241 days

ENVIRONMENTAL REVIEW: The Director of Engineering has found that the Project is Categorically Exempt pursuant to California Environmental Quality Act (CEQA) Guidelines Section 15302(c), Replacement or Reconstruction. The Project qualifies for exemption pursuant to Section 15302(c) inasmuch as it is the replacement of existing water pipeline involving negligible or no expansion of capacity.

FISCAL IMPACT: The total cost to complete the Fire Flow Improvement Program – Glenwood Transmission Pipeline Replacement Project is estimated at \$4,775,800, inclusive of District Labor, materials and contingencies. This project was partially funded by the Adopted 2 Year Capital Improvement Budget (FY 2023-25). Sufficient prior year fund balance is available in the Fire Flow Improvement Fund to support the full project cost. The Board's approval for this project will appropriate \$3,600,000 in prior year Fire Flow fund balance for this project.

ATTACHMENTS:

1. Site Map
2. Proposed Resolution
3. Draft Notice of Exemption

DEPARTMENT OR DIVISION	DIVISION MANAGER	APPROVED
Engineering	 Alex Anaya Engineering Director	 Ben Horenstein General Manager