



# STAFF REPORT

**Meeting Type:** Board of Directors  
**Title:** Award of Contract No. 2010 - Fire Flow Improvement Program - Rock Ridge Pipeline Replacement Project (F22001)  
**From:** Alex Anaya, Director of Engineering  
**Through:** Ben Horenstein, General Manager  
**Meeting Date:** September 3, 2024

**TYPE OF ACTION:**      X      Action                              Information                              Review and Refer

**RECOMMENDATION:** Approve a resolution authorizing award of Contract No. 2010 Fire Flow Improvement Program Rock Ridge Pipeline Replacement Project, to W.R. Forde Associates in the amount of \$2,843,105

**SUMMARY:** This item was reviewed by the District Operations Committee on July 19, 2024, and referred to the Board for contract award. The Fire Flow Improvement Program - Rock Ridge Pipeline Replacement Project will install approximately 7,590 feet on new pipe to replace old, leak prone, fire flow deficient piping in the Town of Fairfax and Unincorporated Marin County.

**DISCUSSION:** The Rock Ridge Pipeline Replacement Project (Project) is a component of the Fire Flow Improvement Program. This Project will install approximately 7,590 feet of new 8" and 6" welded steel and polyvinyl chloride (PVC) pipe to replace the old, leak prone fire flow deficient piping installed as early as 1934.

See Table 1 below for existing pipeline replacement locations and shown on the map provided in Attachment 2.

**Table 1.  
Pipeline Replacement Locations**

Street	Length	Installation Date	Existing Size & Type
Oak Manor Drive	900 ft	1954	4" CIP*, 8" CIP
Von Court	565 ft	1956	4" CIP
Steven Court	580 ft	1954	4" CIP
Gregory Drive	775 ft	1951	4" CIP
Cynthia Court	280 ft	1952	4" CIP
Scenic Rd	1200 ft	1978	2" GTP**, 6" WSP
Rockridge Road	1305 ft	1934	4" CIP

Muriel Place	555 ft	1959	4" CIP
San Miguel Court	525 ft	1952	4" CIP
Arcangel Court	700 ft	1952	4" CIP
Hillside Drive	175 ft	1958	6" WSP

\*CIP= Cast Iron Pipe, \*\*GIP = Galvanized Threaded Pipe

These street segments were evaluated for the installation of recycled water piping. The nearest existing recycled water pipeline is approximately 6.3 miles away located on intersection of San Pedro Road and Sequoia Road in the community of Los Ranchitos. The closest wastewater treatment plant, Central Marin Sanitary Treatment Plant, is located approximately 6.8 miles away in San Rafael. However, their facilities are not equipped to provide tertiary recycled water.

On August 8, 2024, the District opened four (4) bids, as shown in Table 2, for the Rock Ridge Pipeline Replacement Project, which involves the installation of 7,590 feet of pipe in support on the District's Fire Flow Improvement Program, in the Town of Fairfax as well as Unincorporated Marin County. W.R. Forde Associates submitted the lowest responsive and responsible bid in the amount of \$2,843,105. Therefore, staff recommends that the Board of Directors approve a resolution awarding Contract No. 2010 to W.R. Forde Associates in the amount of \$2,843,105 and authorize the General Manager to execute any necessary amendments to Contract No. 2010, which do not exceed \$ 285,000.

**Table 2**  
**Bid Results**  
**Rock Ridge Pipeline Replacement Project**

Bid Rank	Contractor Name	Bid Amount
1.	W R Forde	\$ 2,843,105
2.	D&D Pipelines Inc.	\$ 3,189,696
3.	Maggiora & Ghilotti Inc.	\$ 3,287,700
4.	Argonaut Constructors	\$ 3,426,290

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

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

Budget:

Contract Award:	\$ 2,843,105
Contingency (10%):	\$ 285,000
Material Fees:	\$ 500,000
District Labor/ Inspection:	\$ 300,000
Total Budget:	\$ 3,928,105
Budget Category:	A2A

Project Implementation:

Project Advertisement:	July 23, 2024
Bid Opening:	August 8, 2024
Project Award:	August 20, 2024
Estimated Completion Date	May 4, 2025
Duration:	257 days

**ENVIRONMENTAL REVIEW:** The Director of Engineering has found that the Project is Categorical 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 - Rock Ridge Pipeline Replacement Project is estimated at \$3,928,105, inclusive of District Labor, materials and contingencies. Funding for this project is included in the Adopted 2 Year Capital improvement Budget (FY 2024-25) and will be funded by the Fire Flow Program.

**ATTACHMENT(S):**

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

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