



# STAFF REPORT

**Meeting Type:** Board of Directors  
**Title:** Award of Contract No. 1989 Fire Flow Improvement Program - Redwood Drive Pipeline Replacement Project (F22003) to W.R. Forde Associates, Inc.  
**From:** Alex Anaya, Director of Engineering  
**Through:** Ben Horenstein, General Manager  
**Meeting Date:** February 27, 2024

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

**RECOMMENDATION:** Approve a resolution authorizing award of Contract No. 1989, Fire Flow Improvement Program Redwood Drive Pipeline Replacement Project, to W.R. Forde Associates, Inc. in the amount of \$1,456,020; and, approve a cooperative reimbursement agreement with the County of Marin and authorize the General Manger to execute the agreement

**SUMMARY:** This item was reviewed by the District Operations Committee on November 17, 2023, and was referred to the Board for contract award and approval of cooperative reimbursement agreement with the County of Marin. The Fire Flow Improvement Program Redwood Drive Pipeline Replacement Project will install approximately 4,400 linear feet of 6-inch welded steel pipe with valves, fittings, pipeline disinfection, and appurtenances in the Unincorporated Community of Woodacre in coordination with the County’s street overlay project.

**DISCUSSION:** The Redwood Drive Pipeline Replacement Project is a component of the District’s Fire Flow Improvement Program. This Project will install approximately 4,400 feet of new 6-inch welded steel pipe to replace the old, leak prone, fire flow deficient piping installed as early as 1913. See Table 1 below for existing pipeline replacement locations and as shown on the map provided in Attachment 2.

**Table 1.  
Pipeline Replacement Locations**

Street	Length (Ft)	Installation Date	Existing Size & Type
Conifer Way	442	1913	2” GTP*
Park Road	1,133	1913	3” GTP
Redwood Drive	2,600	1913	3” GTP
Taylor Avenue	225	1913	3” GTP

\* Galvanized Threaded Pipe

These street segments were evaluated for the installation of recycled water piping. The nearest existing recycled water pipeline is approximately 10.0 miles away located on intersection of San Pedro Road and Sequoia Road in the community of Los Ranchitos. The closest waste water treatment plant, Central Marin Sanitary Treatment Plant, is located approximately 11.5 miles away in San Rafael however their facilities are not equipped to provide tertiary recycled water.

The Project will be constructed in coordination with the County’s upcoming paving project to minimize inconvenience to the community. Under the terms of this coordination effort, the County will waive the requirements for the District to perform the standard road resurfacing requirements associated with portions the pipeline project alignment under a cooperative reimbursement agreement, through which the District will reimburse the County of Marin for a portion of the repaving. This approach will reduce trench restoration requirements, expedite the construction process and minimize the impact to the community. The District and the County have agreed the pavement reimbursement fee will be paid at \$3.90 per square foot for the limits stipulated in a proposed cooperative agreement between the District and the County. The total pavement reimbursement cost is estimated at \$63,055.20, which will be paid by the District to the County for the future road resurfacing project. Staff has included the final cooperative reimbursement agreement in Attachment 4 for approval and signature.

On February 13, 2024, the District opened three (3) bids, as shown in Table 2, for the Redwood Drive Pipeline Replacement Project, which involves the installation of 4,400 feet of pipe in support of the District’s Fire Flow Improvement Program, in the unincorporated Community of Woodacre. W.R. Forde Associates, Inc. submitted the lowest responsive and responsible bid in the amount of \$1,456,020. Therefore, staff recommends that the Board of Directors approve a resolution awarding Contract No. 1989 to W.R. Forde Associates, Inc. in the amount of \$1,456,020 and authorizing the General Manager to execute any necessary amendments to Contract No. 1989, which do not exceed \$145,000.

**Table 2  
Bid Results  
Redwood Drive Fire Flow Improvement Program Pipeline Replacement Project**

<b>Bid Rank</b>	<b>Contractor Name</b>	<b>Bid Amount</b>
1.	W.R Forde Associates, Inc.	\$1,456,020
2.	Maggiora & Ghilotti Inc.	\$1,486,900
3.	D&D Pipelines Inc.	\$1,665,284

Engineer’s Estimate: \$1,250,000

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

**Budget:**

Contract Award:	\$ 1,456,020
Contingency (10%):	\$ 145,000
Materials Fees:	\$ 250,000
District Labor/Inspection:	\$ 290,000
Reimbursement Agreement	\$ 63,055.20
<b>Total Budget:</b>	<b>\$ 2,204,075.20</b>
Budget Category:	A2A

Project Implementation:


Project Advertisement: January 30, 2024  
Bid Opening: February 13, 2024  
Project Award: February 27, 2024  
Estimated Completion Date: August 31, 2024  
Duration: 186 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 and statutorily exempt under 21080.21 Pipelines less than one mile. The Project qualifies for exempt pursuant to Section 15302(c) inasmuch as it is the replacement of existing water pipeline involving negligible or no expansion of capacity and statutorily exempt pursuant to Section 21080.21 since this pipeline replaces less than one mile of pipe.

**FISCAL IMPACT:** The total cost to complete the Fire Flow Improvement Program Redwood Drive Pipeline Replacement Project is estimated at \$2,204,075.20.

**ATTACHMENT(S):**

1. Resolution
2. Site Map
3. Draft Notice of Exemption
4. Reimbursement Agreement- Marin County

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