

Staff Report

for the Regular Meeting of the Board of Directors, May 22, 2019

TO: Board of Directors

FROM: Gary D. King, PE, PhD, Engineering Manager
Adrian Schneider, PE, Senior Engineer

DATE: May 15, 2019

SUBJECT: Loma Rica Reservoir Cleaning Project (FATR #2090)

ENGINEERING

RECOMMENDATION:

Award a construction contract to Koch & Koch for the Loma Rica Reservoir Cleaning Project in the amount of \$264,094, and authorize the General Manager to execute the necessary documents.

BACKGROUND:

The Reservoir Cleaning program began in 2017 with the start of the Loma Rica Reservoir. Approximately 40,160 cubic yards of sediment has been removed from the reservoir in 2017 and 2018. The removed sediment from the Loma Rica Reservoir was deposited on County property (airport and location just north of the reservoir). An estimated 26,800 cubic yards of remaining sediment is anticipated to be removed from the reservoir for this 2019 project.

On April 5, 2019, the District invited the following eleven contractors to quote on the Project: Western Engineering Contractors, PSCE Construction, Lorang Brothers, Pronesti Excavation, S&P Contractors, Siller & Siller Construction, T&S Contractors, Koch & Koch, Hansen Bros. Enterprises, C&D Contractors, and Westcon Construction.

The District received quotes from four contractors on March 9, 2019: Koch & Koch, Hansen Bros. Enterprises, C&D Contractors, and Westcon Construction. The attached table summarizes the quotes.

Bidding was done in compliance with District Policy #3080 revised and approved by the Board on June 27, 2018. The contract documents were approved by the Board on July 25, 2018.

CEQA activities were conducted for the reservoir that resulted in approved and adopted Initial Study/Mitigated Negative Declaration. The Loma Rica Reservoir declaration (document) was approved by the Board on June 22, 2013. Mitigation measures for this project will be followed per the adopted CEQA document.

This project directly relates to Goals 1 and 3 of the District's Strategic Plan, strengthening reliability and redundancy of facilities.

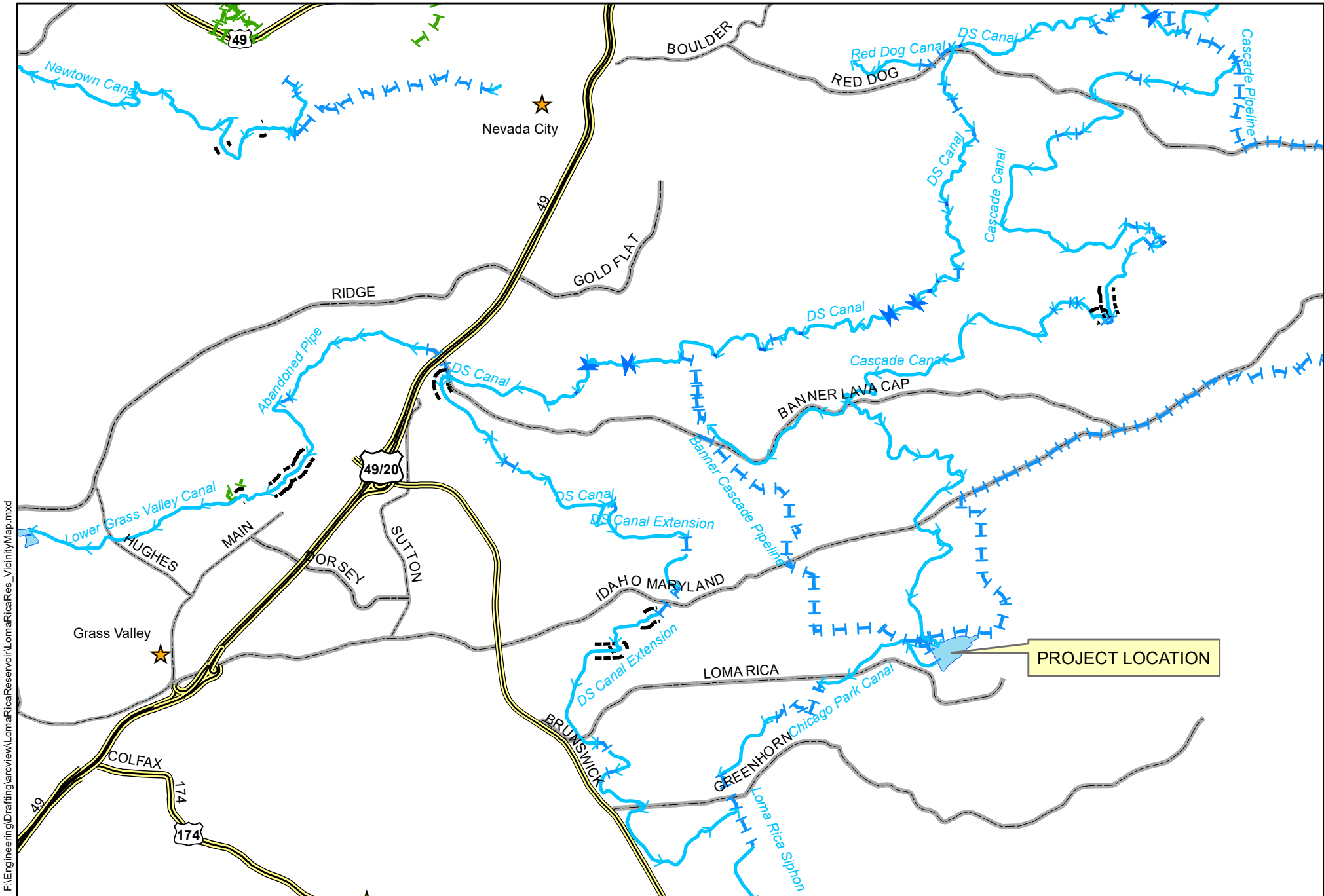
Staff recommends that the Board award the construction contract to Koch & Koch in the amount of \$294,094.

BUDGETARY IMPACT:

Funding for the project comes from the following:

- \$294,094 of the project funding comes from the 2019 Sediment Removal Projects program 10151-52914. The 2019 budget for this program is \$650,000, and has a balance as of this memorandum of \$539,552. After approval of this project, \$245,458 will remain in the budget.

Attachments: Loma Rica Reservoir Vicinity Map
Loma Rica Reservoir Site Plan
Quote Summary Detail



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NEVADA IRRIGATION DISTRICT

NEVADA COUNTY -- PLACER COUNTY
GRASS VALLEY, CALIFORNIA

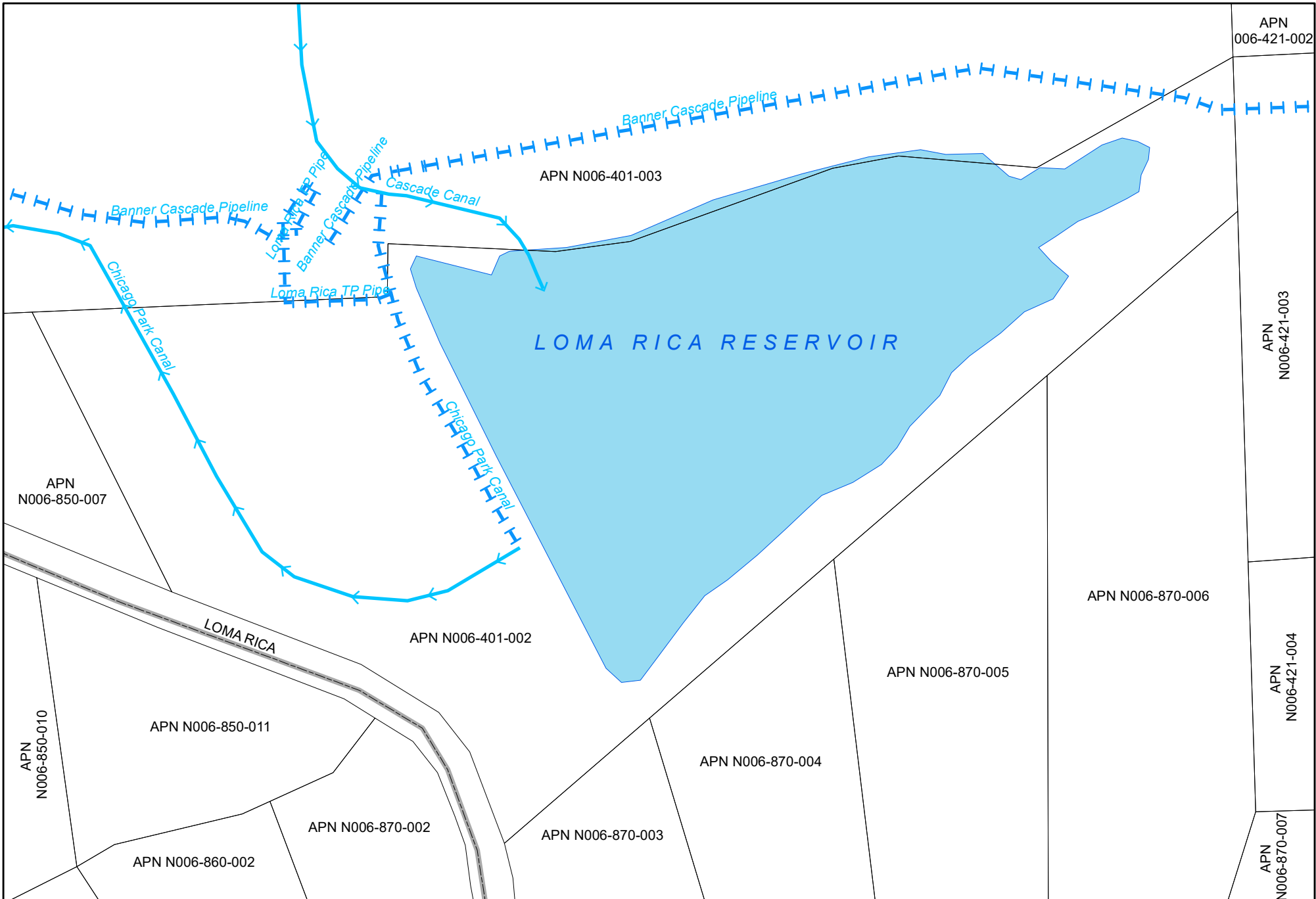
LOMA RICA RESERVOIR - VICINITY MAP

Drawn By: L. CANNON

Date: 5/16/2019

Scale: 1"=3000'@8.5X11

Sheet: 1 of 2



NEVADA IRRIGATION DISTRICT

NEVADA COUNTY -- PLACER COUNTY
GRASS VALLEY, CALIFORNIA

LOMA RICA RESERVOIR - SITE PLAN

Drawn By: L. CANNON

Date: 5/16/2019

Scale: 1"=200'@8.5X11

Sheet: 2 of 2



NEVADA IRRIGATION DISTRICT

1036 W. Main Street, Grass Valley, CA 95945-5424
 (530) 273-6185 ~ Fax: (530) 477-2646 ~ www.nidwater.com

**Summary of Bid Response(s)-FATR 2090
 Loma Rica Reservoir Cleaning Project**

Item	Loma Rica Reservoir Cleaning		Koch & Koch	Westcon	Hansen Bros.	C&D
1	Mob/Demob		\$5,000	\$5,000	\$5,000	\$5,000
2	Mitigation Measures/Documents		\$6,000	\$1,500	\$4,394	\$7,750
3	Erosion Control/Stabilization Additions		\$13,000	\$8,000	\$22,599	\$18,610
4	SWPPP Document		\$4,600	\$1,000	\$6,400	\$2,840
5	Sediment Removal & Deposit		\$139,080	\$171,000	\$231,420	\$418,000
6	Stockpile Removal & Deposit		\$43,914	\$54,600	\$71,682	\$171,600
7	Soils Testing & County Requirements		\$43,000	\$85,000	\$12,550	\$56,780
8	Construct REIL base		\$9,500	\$4,500	\$4,165	\$21,290
Total Loma Rica			\$264,094	\$330,600	\$358,210	\$701,870