

Staff Report

for the Regular Meeting of the Board of Directors, November 14, 2018

TO: Board of Directors

FROM: Gary D. King, P.E. PhD, Engineering Manager
Tonia M. Tabucchi Herrera, P.E., Senior Engineer

DATE: November 2, 2018

SUBJECT: E. Hacienda Valve Station and Timber Ridge Valve Project (FATR #2114)
Construction Contract

ENGINEERING

RECOMMENDATION:

Award a construction contract to T&S Construction, Inc. for the E. Hacienda Valve Station and Timber Ridge Valve Project (FATR #2114) in the amount of \$761,645.00, and authorize the General Manager to execute the necessary documents.

BACKGROUND:

Over a 5-year period, the District has installed approximately 37,000 lf of waterline physically connecting two service areas, Alta Sierra and Lake of the Pines (LOP), thus providing a backup feed for the isolated LOP region. This recommended project contract, a valve station at E. Hacienda, would construct the final portion to provide for an effective, safe and automatic supply to LOP from Alta Sierra. In addition, it will provide supplement flows in high demand periods and the ability to take the LOP water treatment plant to offline in periods of low demand for maintenance.

Currently, the mainline valves separating the systems are closed. Last month, the mainline valves were opened due to poor raw water quality supply for the LOP treatment plant. The BEP pipeline was able to provide the needed water supply to LOP. Due to the lack of a valve station, the LOP system was heavily monitored by staff to ensure that it was not overpressurized. The water was moved into the tanks during the night and turned off in the morning. Additionally, staff manually operated the valves to ensure the tanks cycled for both water quality and emergency water storage purposes.

The proposed E. Hacienda valve station (Bid Item#1) would allow for automatic regulated flow into LOP. Additionally, the valve station at Timber Ridge (Bid Item#2), will provide for electronically controlled valve which will allow more operational flexibility with the tanks and other LOP system tanks as the controls are upgraded.

On October 1, 2018, the District invited ten (10) contractors to quote on the Project. Pre-quote meetings were held in the field on October 11 and 18, 2018. The District received 3 quotes. Two quoters formally declined to bid.

The low quoter is T&S Construction, Inc. at \$761,645.00. Below summarizes the lump sum quotes received.

	Bid Item 1	Bid Item 1 + Bid Item 2
T & S Construction	\$ 613,031.00	\$ 761,645.00
Koch & Koch	\$ 740,000.00	\$ 900,000.00
Lorang Brothers Construction, Inc.	\$ 846,390.00	\$ 1,182,520.00

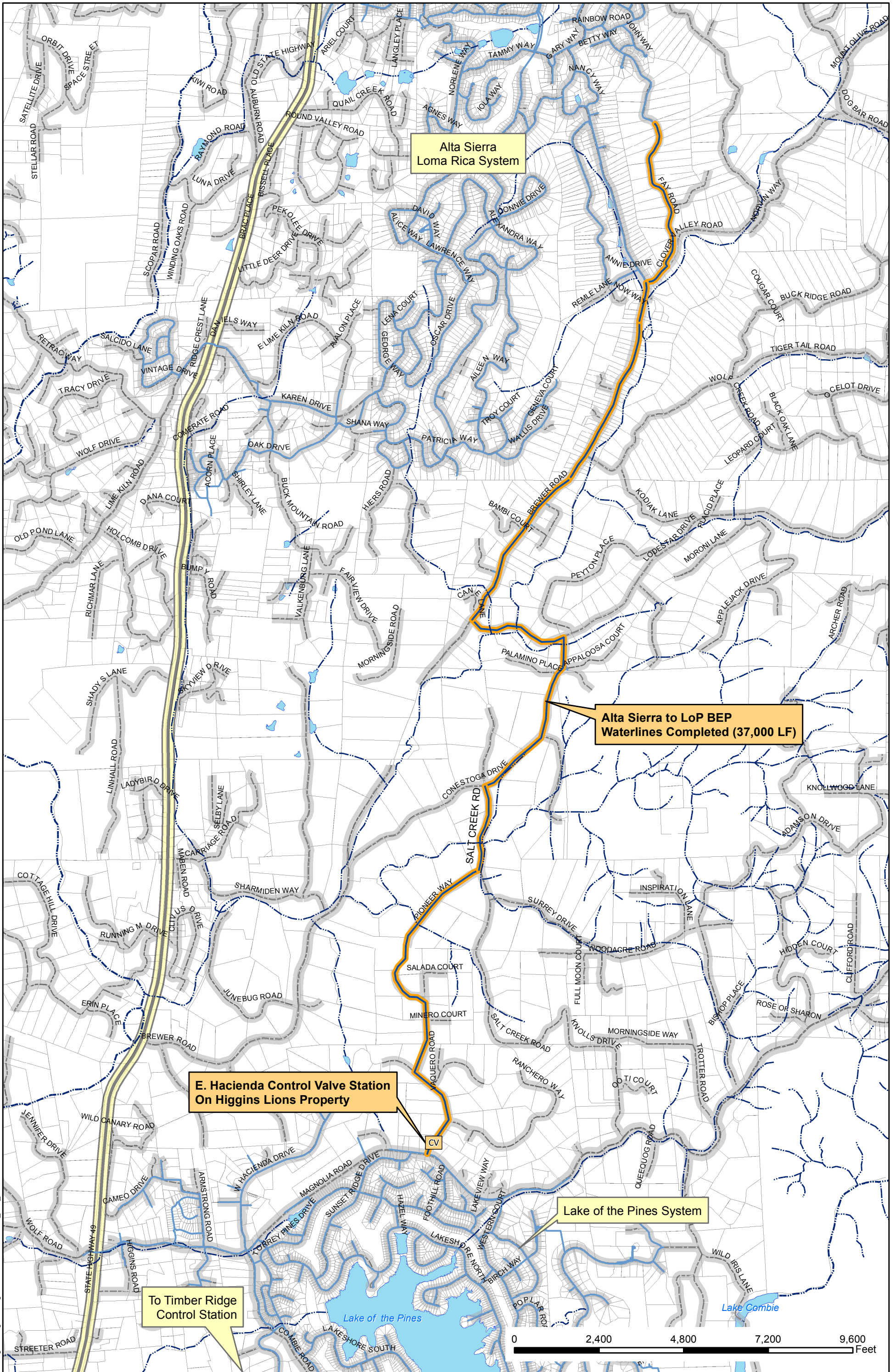
Staff recommends that the Board award the construction contract to T&S Construction, Inc. in the amount of \$761,645.00. This would complete the necessary Bid Item 1 work as well as the Bid Item 2, allowing for more reliability and operational flexibility.

BUDGETARY IMPACT:

Funding of the project comes from:

- 2018 Backbone Extension 10151-52911 has a remaining budget for 2018 of \$762,555 after this commitment there will be \$910 remaining in the budget for 2018.

Attachment (1): BEP-Alta Sierra/LOP – Project Overview



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NEVADA IRRIGATION DISTRICT
 NEVADA COUNTY – PLACER COUNTY
 GRASS VALLEY, CALIFORNIA

BEP - ALTA SIERRA / LOP - PROJECT OVERVIEW

Drawn By: D. HUNT Date: 11/5/2018 Scale: 1" = 2500' @ 11x17 Sheet: 1 of 1