



Midpeninsula Regional
Open Space District

R-18-107
Meeting 18-34
September 26, 2018

AGENDA ITEM 5

AGENDA ITEM

Award of Contract to Ecast Engineering, Inc., for Replacement of the Point of Diversion 17 Waterline on the former McDonald Ranch at La Honda Creek Open Space Preserve

GENERAL MANAGER'S RECOMMENDATIONS

1. Authorize the General Manager to award a contract to Ecast Engineering, Inc., to construct a new waterline for the base contract amount of \$148,250.
2. Authorize a 15% contract contingency of \$22,238 to be reserved for unanticipated issues, for a total contract amount not-to-exceed \$170,488.

SUMMARY

A spring commonly known as Point of Diversion 17 (POD 17) located in the northeast section of the former McDonald Ranch provides water to a grazing tenant, ranger residence, and two neighbors, one of whom shares a deteriorated waterline with Midpeninsula Regional Open Space District (District). The proposed contract will replace this waterline from the holding tank to a junction on the south side of La Honda Creek, and add a water connection to supply fire suppression water. A Request for Bids resulted in four (4) bids, with Ecast Engineering, Inc., as the lowest responsive and responsible bidder. The General Manager recommends awarding the contract to Ecast Engineering, Inc., for a base contract amount of \$148,250, and authorizing a 15% contingency amount of \$22,238. Sufficient funds for the Project are included in the Fiscal Year 2018-19 Budget. Work is scheduled to begin October 2018.

DISCUSSION

The former McDonald Ranch is located in the northern portion of La Honda Creek Open Space Preserve, in an area referred to as Upper La Honda Creek. The spring at POD17 is the primary water source for the grazing tenant, a ranger residence, and two neighbors. (See Attachment 1)

The holding tank at the spring and associated waterline are in poor condition. The holding tank is corroded and leaking. The waterline is a patchwork of pipe made of different materials. In addition to ongoing water loss due to leaks, District staff are required to make urgent repairs several times a year due to breaks in the pipeline because of its age and condition.

District staff will replace the 1,000-gallon holding tank with a new 1,600-gallon polyethylene tank. The scope of the proposed contract is to install 4,300 linear feet of new, high-density polyethylene waterline from the new water tank to a junction on the south side of La Honda

Creek. The new line will be buried in the center of a ranch road with a tracer wire, making its location simple to find and easy to maintain. (See Attachment 1)

During the design and engineering for this project, staff reviewed the plan set with its neighbors who share rights to the water and the neighbors concur with the design. The design provides a valve to ensure appropriate access to the water for multiple users.

Contractor Selection

A Request for Bids was posted on the District website and released to five builders' exchanges on August 8, 2018. Legal notices were posted in the San Mateo County Times and Half Moon Bay Review. Staff held two mandatory pre-bid meetings and site walks that were attended by five contractors. Sealed bids were due on September 7, 2018. The four bids received are summarized below:

Bids Received McDonald Ranch Waterline Replacement

Bidder	Location	Total Base Bid	Percent +/- from Engineer's Estimate (\$143,200)
Ecast Engineering, Inc.	Oakland	\$148,250	+3.5%
GradeTech, Inc.	San Ramon	\$150,000	+4.7%
Yerba Buena Engineering	San Francisco	\$158,160	+10.4%
Lewis and Tibbetts, Inc.	San Jose	\$325,786	+127.5%

After reviewing the bid proposals, the General Manager recommends awarding the contract to Ecast Engineering, Inc., which is the lowest responsible and responsive bidder.

FISCAL IMPACT

The adopted Fiscal Year (FY) 2018-19 budget holds \$166,450 for the La Honda Creek Point of Diversion 17 Waterline Replacement. Staff has completed an administrative budget adjustment consistent with Board policy and authorizations to move funds from the Big Dipper Spring project budget to this project to cover the higher than estimated cost of construction. There are now sufficient funds in the project budget to cover the recommended contract and additional expenditures necessary to complete the project. The Big Dipper Spring project requires site investigations to determine what improvements are required. After completing these investigations, staff will determine if the reduced budget is sufficient for the required work or if an additional budget adjustment is required.

61007 – La Honda Creek Point of Diversion 17 Waterline Replacement	FY2018-19
<i>Adopted Project Budget</i>	<i>\$166,450</i>
<i>Administrative Budget Adjustment</i>	<i>\$ 26,500</i>
Adjusted Project Budget	\$192,950
Spent-to-Date as of 9/12/18	\$ 182
Encumbrances	\$ 0
Award of Contract (including 15% contingency)	\$170,488
Budget Remaining (Proposed):	\$ 22,280

BOARD COMMITTEE REVIEW

This item was not previously reviewed by a Board Committee.

PUBLIC NOTICE

Public notice provided as required by the Brown Act, including adjacent neighbors.

CEQA COMPLIANCE

Project Description

The project consists of a new waterline plumbed to a new water tank running above ground across a steep drainage until it reaches the ranch road. The line will be buried in the center of the ranch road and follow the road until it surfaces at a bridge. At the bridge, the line will be affixed to the topside edge of the bridge deck to cross the bridge. Once the waterline crosses the bridge, it will be buried in the center of the road until it veers off to terminate at a Christy box.

CEQA Determination

The District concludes that this project will not have a significant effect on the environment. It is categorically exempt from CEQA (California Environmental Quality Act) under Article 19, Sections 15302, and 15304 of the CEQA Guidelines as follows:

Section 15302 exempts replacement or reconstruction of existing structures and facilities where the new structure will be located on the same site as the structure replaced and will have substantially the same purpose and capacity as the structure replaced, including but not limited to: (c) Replacement or reconstruction of existing utility systems and/or facilities involving negligible or no expansion of capacity.

Section 15304 exempts minor public or private alterations in the condition of land, water, and/or vegetation, which do not involve removal of healthy, mature, scenic trees except for forestry or agricultural purposes. Section 15304(a) exempts grading on land with a slope of less than 10 percent, except that grading shall not be exempt in a waterway, in any wetland, in an officially designated scenic area, or in officially mapped areas of severe geologic hazard as delineated by the State Geologist, and 15304(f) exempts minor trenching and backfilling where the surface is restored.

NEXT STEPS

Pending Board approval, the General Manager will direct staff to contract with Ecast Engineering, Inc., to complete the installation of the new waterline as recommended in this report. Construction is scheduled to begin and end in October 2018.

Attachment:

1. Site Map

Responsible Department Head:

Michael Jurich, Acting Land & Facilities Manager

Prepared by:

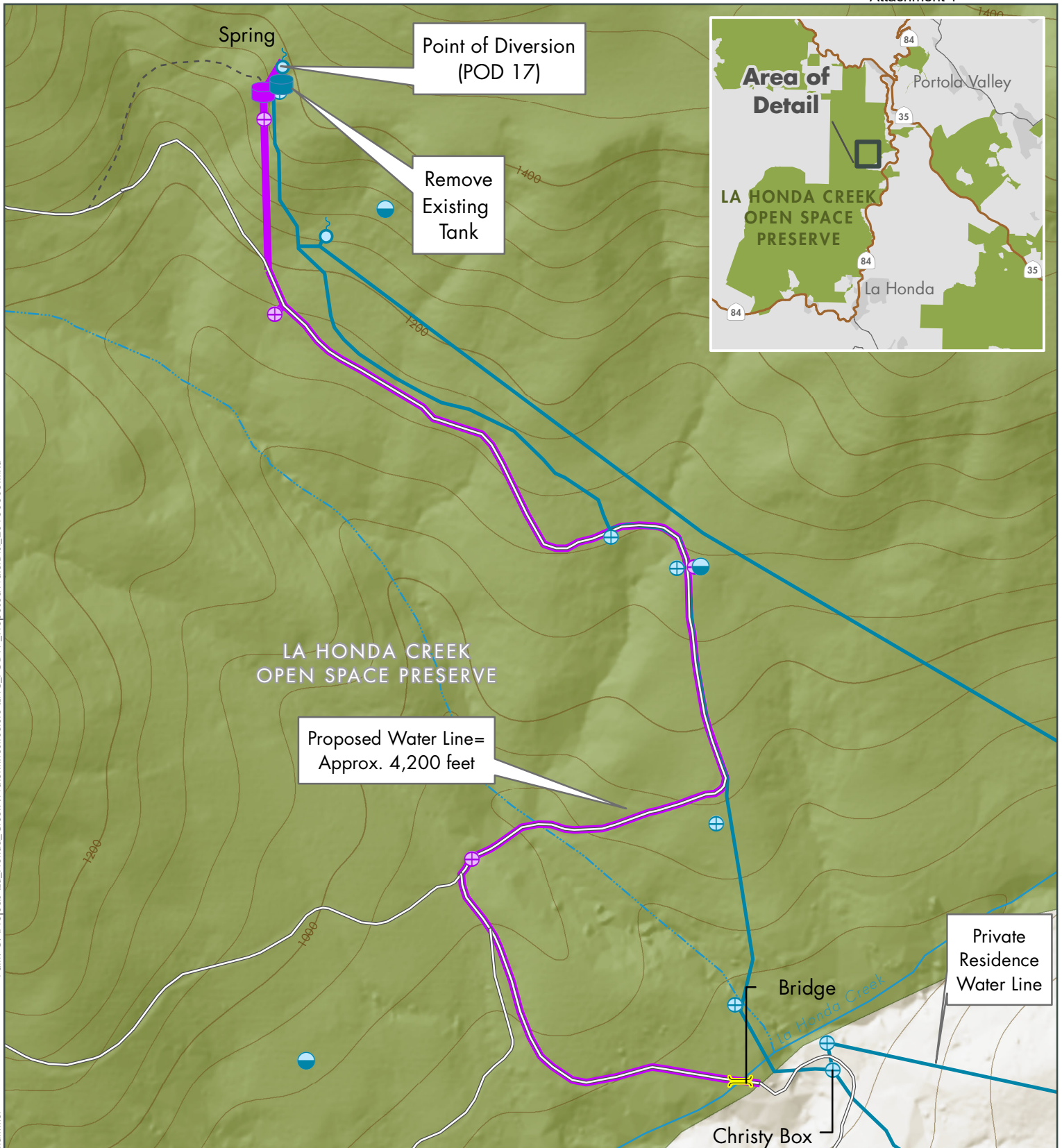
Susan Weidemann, Property Management Specialist II

Graphics:

Tad Hammer, Data Administrator

Path: G:\Projects\La_Honda_Creek\WaterInfrastructure\LHC_POD17_ProposedWaterDist_20180808.mxd

Created By: hammer



McDonald Ranch POD 17 Proposed Water Line

Midpeninsula Regional
Open Space District
(MROSD)
August 2018

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|-----------------------|---------------------|----------------------|
| MROSD Preserve | Spring | Water Valve |
| Unpaved Seasonal Road | Existing Water Tank | Proposed Water Valve |
| Trail | Proposed Water Tank | Active Water Line |
| Bridge | Water Trough | Proposed Water Line |



While the District strives to use the best available digital data, these data do not represent a legal survey and are merely a graphic illustration of geographic features.