



Midpeninsula Regional  
Open Space District

R-19-107  
Meeting 19-19  
July 24, 2019

## AGENDA ITEM 11

### AGENDA ITEM

Award of Contract to Granite Rock Company for Construction of the Ravenswood Bay Trail Connection Project

### GENERAL MANAGER'S RECOMMENDATIONS

1. Award a contract to Granite Rock Company of San Jose, California for \$3,305,356, which includes bid alternates #1 and #3.
2. Authorize a 15% construction contingency of \$495,800 for the contract to be reserved for unanticipated issues, for a not-to-exceed contract amount of \$3,801,156.
3. Separately award bid alternate #4 of \$250,000 for a total not-to-exceed contract amount of \$4,051,156; this fixed charge has been excluded from the 15% contract contingency calculation.

### SUMMARY

The Ravenswood Bay Trail Project (Project) will construct or improve 1.3 miles of Bay Trail, which will close a critical 0.6-mile gap in the San Francisco Bay Trail. The scope of work includes construction of a concrete sidewalk, asphalt trail, decomposed granite shoulders, wood boardwalk, prefabricated steel bridge, fencing, gates, signage, striping, restoration seeding, and associated appurtenances. Concurrently, under a separate contract, a restoration project will construct island refuges within Cooley Marsh, and berm enhancements along the existing Bay Trail to address impacts related to construction of the boardwalk.

The Midpeninsula Regional Open Space District (District) issued a Request for Bids (RFB) on May 15, 2019 and received (3) bid proposals on June 26, 2019. Granite Rock Company is the lowest responsive and responsible bidder. The General Manager recommends awarding a contract to Granite Rock Company in the amount of \$3,305,356; authorizing a 15% construction contingency of \$495,800 for a not-to-exceed contract amount of \$3,801,156; and separately awarding bid alternate #4 for \$250,000 for a total not-to-exceed contract amount of \$4,051,156. Bid alternate #4 is a fixed cost from Granite Rock to postpone construction one year if all permits are not issued prior to the 2019 seasonal restriction construction window (September 1 – January 31).

The Fiscal Year (FY) 2019-20 budget includes sufficient funds to cover construction expenses through June 2020. Pending issuance of all regulatory permits, construction is anticipated to begin in September 2019, and be completed spring 2020.

## DISCUSSION

The Ravenswood Bay Trail Connection is a 1.3-mile trail construction and repair project that includes closing a 0.6-mile critical gap in the existing Bay Trail system. This route is known as a commuter trail; therefore, the trail will be open from 5am to 10pm daily. The Project is partially located on District land within the Ravenswood Open Space Preserve (Preserve) and partially within an open space trail easement across City and County of San Francisco Public Utilities Commission (SFPUC) land.

Due to the proximity to the San Francisco Bay, the Project has a seasonal restriction, requiring construction activities within 700 feet of Cooley Marsh to occur between September 1 and January 31. Furthermore, given the proximity to special interest species, all work within the marsh will be under direct supervision of a bio-monitor. The Project is still awaiting final issuance of regulatory permits. Staff has been working diligently with regulatory agencies to secure the permits and will provide a status update at the July 24, 2019 Board meeting.

The Project is located within the jurisdiction of the City of East Palo Alto (EPA) and the City of Menlo Park. Under a Joint Permitting Agreement, EPA will be the lead agency issuing all permits. The Joint Permitting Agreement was approved by the Board on May 15, 2019 (R-19-61). The pending local permits include a Tree Demolition Permit, Encroachment Permit, and Building Permit. Staff anticipate receiving these permits prior to the commencement of construction.

The Project will construct a sidewalk along University Avenue between Purdue Avenue and the new trailhead to connect the Preserve to the neighboring 4-Corners Neighborhood. This sidewalk is within Caltrans Right-of-Way, and the District has already obtained the Encroachment Permit.

The boardwalk will traverse under existing PG&E high voltage towers; the District received PG&E approval on May 8, 2019.

In summary, the scope of work under the recommended contract includes the following:

- 380 linear feet (lf) of concrete sidewalk along University Avenue;
- Multi-use trailhead improvements at University Avenue;
- 1,845 lf of asphalt multi-use trail;
- 1,054 lf of redwood boardwalk, including 3 overlook areas;
- 86 lf of prefabricated steel bridge;
- 2,000 lf of ornamental and chain link fencing;
- 1 acre of restoration seeding;
- Bid Alternate #1: resurfacing 800 lf of asphalt path along Bay Road to the Ravenswood parking lot to correct ADA cross-slope barriers;
- Bid Alternate #3: resurfacing 3,700 lf of asphalt path on the existing Bay Trail;
- Bid Alternate #4: (alternate schedule) postponing the project construction to July 2020 through spring 2021. This schedule would be necessary if all permits are not issued in time to begin work during the seasonal restriction window (September 1 – January 31).

The portion of work not recommended for award is Bid Alternate #2 to upgrade all boardwalk hardware from galvanized steel to stainless steel. This bid alternate price was higher than anticipated.

As mitigation for construction of the boardwalk over the marsh, a concurrent project will occur to construct 750 square feet of island refuge habitat within Cooley Marsh, and 1,750 lf of berm restoration plantings along the existing Bay Trail. Pending issuance of all regulatory permits, construction of the mitigation project is scheduled for fall 2019 and will occur under a separate contract.

### Contractor Selection

A Request for Bids was issued on May 15, 2019 via BidSync and released to five builders' exchanges. Legal notices were posted in the San Jose Mercury News and the San Mateo County Times, and an Invitation to Bid was posted on the District website. Mandatory pre-bid site walks were held on May 29, 2019 and June 5, 2019 with 13 total contractors in attendance.

The detailed breakdown of the (3) bids received is as follows:

Bidder	Location	Total Base Bid	% of Base Bid Estimate (\$3,300,000)	Total Bid Alternates #1 – #4
1. Granite Rock Company	San Jose, CA	\$2,811,321	85%	\$1,494,035
2. Vortex Marine Construction, Inc.	Antioch, CA	\$3,559,852	108%	\$881,241
3. McGuire & Hester	Alameda, CA	\$4,556,900	138%	\$714,409

Upon review of the Bid Proposals and confirmation of the contractors' qualifications, the General Manager recommends awarding the contract to Granite Rock Company, as the lowest responsive and responsible bidder. The contract value includes the Base Bid and the following optional Bid Alternates:

Bid Alternate #1: Asphalt Bay Road to Parking Lot \$ 38,100.00

Bid Alternate #3: Existing Bay Trail Asphalt Paving \$ 455,935.00

Bid Alternate #4: Alternate Project Schedule 2020-2021\* \$ 250,000.00

*\*This is a fixed cost and not included in the 15% construction contingency calculation*

### FISCAL IMPACT

The adopted Fiscal Year (FY) 2019-20 budget includes \$1,976,760 for the Ravenswood Bay Trail Project (MAA02-002). There are sufficient funds in the project budget to cover the recommended action and expenditures through June 2020. Sufficient funds will be requested in future years as needed during the annual Budget and Action Plan process.

The following table outlines the fiscal impact for the recommended actions and the overall budget for the Ravenswood Bay Trail Project (MAA02-002). The Fiscal Year 2019-20 Budget includes \$1,424,911 in grant funds for this project from multiple sources (San Mateo County Measure K, Santa Clara County Stanford Mitigation, Urban Greening Grant Program and a gift from Facebook Donation).

<b>Ravenswood Bay Trail MAA02-002</b>	<b>Prior Year Actuals</b>	<b>FY2019-20 Adopted Budget</b>	<b>Estimated Future Years</b>	<b>Total</b>
District Funded (Fund 30):	\$256,826	\$551,849	\$1,589,452	\$2,398,127
Grants and Donations Amount:	\$512,374	\$1,424,911	\$818,043	\$2,755,328
<b>Project #MAA02-002 Budget:</b>	<b>\$769,200</b>	<b>\$1,976,760</b>	<b>\$2,407,495</b>	<b>\$5,153,455</b>
Spent-to-Date (as of 06/30/2019):	(\$769,200)	\$0	\$0	(\$769,200)
Encumbrances (1):	\$0	(\$333,099)	\$0	(\$333,099)
Granite Rock Company Contract (2):	\$0	(\$1,643,661)	(1,911,695)	(\$3,555,356)
15% Contingency (3):	\$0	\$0	(495,800)	(\$495,800)
<b>Budget Remaining (Proposed):</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

(1) Includes year 1 of recently approved H.T. Harvey and Associates Contract and proposed Ravenswood Bay Trail Wetlands Credit Purchase.

(2) Contract includes bid alternates 1, 3 and 4.

(3) Contingency excludes bid alternate #4 from the calculation. The need to use contingency funds will be determined once construction commences.

The following table outlines the Measure AA Portfolio 02 allocation, grants and donations awarded, costs-to-date, and the fiscal impact related to the Ravenswood Bay Trail project (MAA02-002).

<b>MAA02 Portfolio Allocation:</b>	<b>\$5,052,000</b>
Grants and Donations Awarded:	2,755,328
Life-to-Date Spent (as of 07/01/2019):	(1,638,769)
Encumbrances (as of 07/01/2019):	(333,099)
Granite Rock Company Contract:	(3,555,356)
15% Contingency:	(495,800)
<b>Portfolio Balance Remaining (Proposed):</b>	<b>\$1,784,304</b>

## **BOARD COMMITTEE REVIEW**

The Real Property Committee held a meeting on February 16, 2016 in the City of East Palo Alto to provide committee members and the public with a status update on the Project and trail easement acquisition from the SFPUC to close the Bay Trail gap. On November 16, 2016, the Board approved the conceptual trail alignment and certified the IS/MND (R-16-146).

## **PUBLIC NOTICE**

Public notice was provided as required by the Brown Act.

## **CEQA COMPLIANCE**

The Project was evaluated in a Mitigated Negative Declaration and Initial Study, certified by the Board on November 16, 2016 (R-16-146).

**NEXT STEPS**

If approved, the General Manager will enter into a contract with Granite Rock Company. Final contract signature is subject to meeting all District requirements, such as having all required insurance and bonding in place. Construction will begin August 2019 and be completed by Spring 2020.

Attachment

1. Project Site Map

Responsible Department Head:

Jason Lin, PE, Engineering and Construction Department Manager

Prepared by:

Scott Reeves, Senior Capital Project Manager, Engineering and Construction Department



### Attachment 1: Ravenswood Project Site Map

- |                       |                    |                           |                                |
|-----------------------|--------------------|---------------------------|--------------------------------|
| MROSD Preserves       | Existing Bay Trail | <b>Trail Improvements</b> | Trail Resurfacing              |
| Other Protected Lands | Wetland            | Paved Trail               | Bridge                         |
| Watershed Land        | City Boundary      | Boardwalk                 | SFPUC Service Road/Paved Trail |
| Other Public Agency   |                    |                           |                                |

Midpeninsula Regional  
 Open Space District  
 (MROSD)  
 October 2018



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.