



Staff Report

TO: Board of Harbor Commissioners

FROM: John Moren, Director of Operations

THRU: James B. Pruett, General Manager

DATE: September 15, 2021

SUBJECT: Pillar Point Harbor West Trail Living Shoreline Project Update and GHD Construction Management and Environmental Monitoring Proposal Consideration

Requested Action/Issue:

Receive project update presentation and consider approval of a proposal from GHD.

Recommendation/Motion:

Motion: Approve entering into a Professional Services Agreement with District's West Trail Living Shoreline Project design/engineering consultant GHD for a not-to-exceed amount of \$971,463.31 for project construction management and environmental monitoring for a period of five years and increase Capital Expenditure Appropriations in the amount of \$971,463.31 to be funded by available Working Capital Balance.

Policy Implications:

Consistent with the District's ongoing efforts to provide long term stability, functionality and safe public use of the West Trail while protecting natural resources and guaranteeing access for emergency vehicles.

Background/Discussion:

Since 2012 the District has been working to protect the West Trail shoreline near the bluff run-off outfall culvert. Design/engineering consultant GHD was contracted to develop a Draft Condition Survey Report which identified eroded areas along the West Trail. Pursuant to direction from the District Board of Harbor Commissioners and California Coastal Commission in August of 2019, District consultant GHD re-evaluated the alternatives to prevent further trail erosion with an emphasis on a Living Shoreline approach with minimal hard armoring.





The upper concrete swale located on top of the adjacent bluff is in poor condition and is also to be addressed. The concrete swale channels rainwater from the bluff top to the mouth of a down pipe which terminates at an outfall culvert under the trail. The concrete swale has suffered damage in several locations, is to be repaired and the water re-directed to a nearby natural marsh wetlands.

Permitting challenges have been successfully addressed and the project Invitation for Bid for actual construction was solicited. Low bid for construction was approved by the Board of Harbor Commisisoners on August 18,2021. The approved contractor is currently developing a Work Plan for District approval. Once a Work Plan is approved, RFI's are answered and building materials can be sourced, a Notice to Proceed (NTP) for actual construction will be issued to the contractor. We anticipate the NTP being issued within two months.

Now that we are entering the constrcution phase, District design/engineering consultant GHD has submitted the attached proposal for construction management, engineering, environmental compliance, vegetation, signage and required monitoring and reporting for a period of five years.

GHD representatives are in attendance to answer any questions the Board may have.

Summary/Recommendation:

Staff recommends the Board approve a motion entering into a Professional Services Agreement with District's West Trail Living Shoreline Project design/engineering consultant GHD for a not-to-exceed amount of \$971,463.31 for project construction management and environmental monitoring for a period of five years and increase Capital Expenditure Appropriations in the amount of \$971,463.31 to be funded by available Working Capital Balance.

Attachments:

- 1) GHD West Trail Living Shoreline Project Update Presentation
- 2) [GHD Construction Management and Monitoring Proposal](#)
- 3) [DRAFT Professional Services Agreement](#)