

BUSINESS OF THE COUNCIL OF THE CITY OF HALF MOON BAY

AGENDA REPORT

For meeting of: **May 17, 2022**

TO: Honorable Mayor and City Council

VIA: Bob Nisbet, City Manager

FROM: John Doughty, Public Works Director
Maz Bozorginia, City Engineer
Denice Hutten, Associate Engineer

TITLE: **PROFESSIONAL SERVICES AGREEMENT CONTRACT AWARD FOR THE PILARCITOS AVENUE/KEHOE WATERCOURSE OUTFALL REPAIR PROJECT (CIP NO. 1005)**

RECOMMENDATION:

Adopt a Resolution, authorizing the City Manager to award and execute a Professional Services Agreement (PSA) for the Pilarcitos Avenue/Kehoe Watercourse Outfall Repair Project (CIP No. 1005) to the most qualified and responsive proposer, Schaaf and Wheeler Consulting Civil Engineers of Santa Rosa, CA, in the total amount of \$217,653.

FISCAL IMPACT:

The FY 21-22 budget has allocated sufficient funds for this contract award, potential contract changes and project management as planned Capital Improvement Project CIP No. 1005.

STRATEGIC ELEMENT:

This action supports the Infrastructure and Environment, Healthy Communities and Public Safety Elements of the Strategic Plan.

BACKGROUND:

The Pilarcitos Avenue storm drain culvert is a 24-inch diameter concrete culvert located at the southerly terminus of Pilarcitos Avenue in the Casa del Mar Subdivision. The 160-foot-long culvert is the final pipe in a network of underground storm drainpipes that collect stormwater runoff from the Subdivision. The culvert discharges the stormwater into the Kehoe watercourse, an intermittent watercourse that runs east to west along the southerly border of the Casa del Mar subdivision.

The Pilarcitos Avenue culvert is in need of repair because its end section—a section about 4 feet long--has detached and fallen into the Kehoe watercourse. There is localized bank and

channel erosion in the area of the fallen end section and some concern that the erosion might imminently encroach into private property.

The Kehoe watercourse has been a subject of concern for many years. The channel is incising, and its banks are actively eroding. While the City plans to implement a larger project to stabilize the Kehoe watercourse in upcoming fiscal years, this smaller Pilarcitos Avenue/Kehoe Watercourse Outfall Repair Project (Project) has been programmed for the current 2021-2022 Fiscal Year Capital Improvement Program.

For the Pilarcitos Avenue Outfall Repair Project, the City anticipates a design that will: provide protection for a 100-year storm event; retain the natural features of the watercourse; prevent negative local and system-wide hydrologic effects; be minimally invasive to minimize disturbance, permitting and mitigation requirements; minimize hard treatments such as concrete and riprap; and, utilize soft treatments—such as vegetation and plantings—to the greatest extent feasible.

Repair work in the Kehoe watercourse will require a number of environmental assessments and permits. The watercourse may be considered jurisdictional under the US Army Corps, California Department of Fish and Wildlife and the Regional Water Quality Control Board. The Project will also require a California Coastal Commission Coastal Development Permit (CDP). A Biological Resource Evaluation (BRE) for the Project was prepared and distributed in October 2021.

In February 2022, the City solicited a request for qualifications/request for proposals for engineering design services for the Pilarcitos Avenue/Kehoe Watercourse Outfall Repair Project. The general consultant scope of work is: assess the existing condition of the Pilarcitos Avenue outfall culvert; provide design alternatives for the culvert repair; provide plans, specifications and engineer's cost estimate for the chosen outfall repair design alternative; provide necessary biological assessments; and, obtain required environmental permitting for the repair.

On March 23, 2022, the city received proposals from three well-qualified firms, each with a history of successful partnerships on prior projects with the City. Two of the firms teamed up with environmental sub-consultants to complete the environmental assessments and permitting portions of the work, while one of the firms proposed to complete the environmental assessments and jurisdictional permitting with its in-house professional staff.

On April 26-28, a City selection committee conducted interviews with each of the proposing firms including members of their environmental assessment and permitting teams. The firms were scored according to a selection matrix that included points for: technical qualifications; experience and performance record; understanding of project; work approach; knowledge of agency regulations and local conditions; schedule of deliverables; and, overall "best fit" for this particular project.

After careful consideration, Schaaf and Wheeler Consulting Engineers was determined to be the most qualified and responsive primary consultant for the Project. The Schaaf and Wheeler team

includes the environmental consulting firm of SWCA for biological assessments and environmental permitting work, Kier + Wright for survey and Cornerstone Earth Group for geotechnical review.

City staff met with S&W and SWCA project managers on May 3, 2022, to discuss the pending award of the PSA contract. Upon City staff's request, S&W and SWCA agreed to make minor modifications to their proposal including an additional task to provide support for the Project Coastal Development Permit. City Planning Staff have historically provided the CDP support in-house but since there is vacant position the bandwidth is not available to do so on this project.

The design and permitting phases of the project are scheduled to be complete by early summer, 2023. Project construction is anticipated in late summer, 2023. City staff will return to Council for award of the construction-related contracts in 2023.

DISCUSSION:

Schaaf and Wheeler (S&W) specializes in water resources and has completed many outfall design and erosion stabilization projects in the greater Bay Area. Schaaf and Wheeler (S&W) has also partnered with the City on several prior projects including the recent Ocean Colony Pump Station Rehabilitation Project, Kehoe Watercourse Hydrology Study (2015), and the Storm Drain Master Plan Phase I (2016).

S&W's environmental sub-consultant, SWCA, prepared the Biological Resource Evaluation for the Project and has also worked extensively with the City on both public and private development projects. SWCA has assisted the City with CDP applications on past projects and is well-qualified to provide CDP staff support for the Planning Commission.

Schaaf and Wheeler provides a highly skilled multi-disciplinary team with experience working with and within the City. City staff recommends the City Council to adopt a Resolution authorizing the City Manager to award and execute a Professional Services Agreement (PSA) for the Pilarcitos Avenue/Kehoe Watercourse Outfall Repair Project (Project) (CIP No. 1005) to the most qualified and responsive proposer, Schaaf and Wheeler Consulting Civil Engineers of Santa Rosa, CA, in the total amount of \$217,653.

ATTACHMENTS:

1. Resolution
2. Schaaf and Wheeler Project Proposal
3. Schaaf and Wheeler Project Cost Estimate