



City Council Agenda Item Staff Report

CITY OF SAN BRUNO

DATE: March 22, 2022

TO: Honorable Mayor and Members of the City Council

FROM: Jovan Grogan, City Manager

PREPARED BY: Matthew Lee, Director

SUBJECT: Adopt Resolution Approving the Design; Authorizing the City Manager to Execute a Construction Contract with Golden Bay Construction, Inc. for the Spyglass Drive Storm Drain Improvements Project in an Amount Not to Exceed \$805,310.25; Authorizing the City Manager to Execute an Agreement with Tanner Pacific, Inc. for Construction Management and Inspection Services in An Amount Not To Exceed \$99,254; Approving an Agreement Amendment with Freyer & Laureta for Grant Support Services for \$15,000; Approving a Construction Contingency of \$120,800; and Approving a Total Project Budget in the Amount of \$1,455,000.

BACKGROUND: Much of the City's existing storm infrastructure was originally installed in the 1900s when the eastern portion of the City developed and urbanized. The system then extended to the western part of the City as more developments were completed. The storm water collection system consists of underground pipelines and culverts, concrete and earthen channels, and detention basins. A culvert is an enclosed structure that is used to convey water from one area to another across the road, railroad, trail, or other similar obstruction. Culverts come in many sizes and shapes including round, elliptical, flat-bottomed, pear-shaped, and box-like constructions.

In 2014, the City completed the Storm Drain Master Plan which evaluated the capacity of the storm drain collection system. Hydraulic analyses were conducted to identify capacity deficient pipelines and box culverts and recommended improvement projects. The recommended projects primarily involve replacing existing storm drain pipelines and box culverts with larger diameter pipelines and culverts. Improvement recommendations in 2014 totaled approximately \$20 million dollars (in 2014 dollars); however, there were no dedicated funding sources to proceed with the improvements.

The storm system near the vicinity of Spyglass Drive has overflowed during intense storm events. This portion of the City was excluded from the Storm Drain Master Plan assessment because this area is isolated from the rest of the City and discharges toward the Pacific Ocean instead of toward the older infrastructure described above. Over the years, approximately eight properties within the Spyglass Drive neighborhood have experienced multiple flooding events including property damage. To help prevent flooding of the residential properties, Public Works staff install sandbags around the perimeter of some of the properties annually during late fall and remove them in the spring. This creates

additional work for staff and an inconvenience for the residents. The Spyglass Drive Storm Drain Improvements Project will assess alternatives to mitigate the flooding issues and will provide residents within the Spyglass Drive neighborhood a more reliable storm infrastructure system by preventing future overflows.

In October 2017, staff submitted an application to California Office of Emergency Services (CalOES) as part of the Hazard Mitigation Grant Program for FEMA DR-4305 to request funding for both design and construction of the improvements. The City retained Kermani Group to assist with the original grant application submittal. The City was awarded the CalOES grant in 2021 in the amount of \$1,209,962. The City is required to contribute a local matching fund of \$403,321, which is 25% of the total of the grant and local match amounts. The Capital Improvement Program Budget sheet (Attachment 3) initially had this match amount as unfunded in anticipation of utilizing stormwater funds based on a passing measure that never materialized. Due to favorable bid results, staff is able to propose to utilize the design funds that were already committed to the project at project initiation for the required local match. The origin of the design funds was General Fund Capital Reserve. Additional information is available in the Fiscal Impact section of this staff report.

On February 26, 2019, City Council authorized an agreement with Freyer & Laureta for the design of storm drain improvements to increase the capacity of the storm drain system. In 2020, Freyer & Laureta provided the City with support in responding to requests for information from CalOES related to the design and grant application. This was not part of their original scope and will require an agreement amendment should the City desire to retain Freyer & Laureta's design support services during construction. Designs have been completed and with the availability of CalOES grant funding to construct the improvements, the project is ready for construction.

DISCUSSION: In December 2021, staff issued a notice inviting bids for the construction of the Spyglass Drive Storm Drain Improvements Project. Notice to bidders was sent to contractors listed in the City's contractor directory, posted on the City's website and provided to construction distribution centers. The project was also advertised twice in the San Mateo County Times newspaper on December 30, 2021 and January 6, 2022. Staff held a non-mandatory pre-bid meeting on January 10, 2022 and site job walk on February 2, 2022.

A total of six (6) bids were received and opened on February 28, 2022. A summary of the bid results is provided below.

Contractor	Total Bid Alternative 1	Total Bid Alternative 2
1. Golden Bay Construction, Inc.	\$ 805,310.25	\$ 1,648,974.00
2. Devaney Engineering	\$ 823,185.00	\$ 1,035,785.00
3. WR Forde Associates, Inc.	\$ 823,390.00	\$ 890,480.00
4. CR2 Engineering, Inc.	\$ 916,254.00	\$ 1,028,449.00
5. Basset Engineering	\$ 1,191,142.00	\$ 1,677,892.00
6. JMB Construction	\$ 1,474,025.00	\$ 2,250,400.00
Engineer's Estimate	\$ 805,519.00	\$ 903,056.00

The project was advertised with two alternatives. Alternative 1 consisted of replacement or installation of storm drain pipeline using open cut and approximately 145 linear feet of cure-in-place treatment with spot repairs of an existing larger size main. The section proposed to receive cure-in-place treatment is relatively deep in sections at approximately 19 feet below ground surface. Using open cut method on such a deep pipe would be more challenging and likely more disruptive to the public and neighboring property owners. The designer confirmed that the cure-in-place would provide a structurally sound alternative to open cut at a project cost savings. Alternative 2 consisted of replacement or installation of storm drain pipeline using only open cut. Staff is recommending Alternative 1 to be selected for award.

After a thorough review of all bid proposals for responsiveness, compliance with bid specifications, and reference checks, staff recommends awarding the contract to Golden Bay Construction, Inc. of Hayward, California. Golden Bay Construction, Inc. is a responsible bidder and submitted the lowest responsive bid in the amount of \$805,310.25, which was \$208.75 less than the engineer's estimate. Golden Bay Construction, Inc. has satisfactorily completed numerous storm drain repair and replacement projects for public agencies such as the Cities of Fremont, Menlo Park, and South San Francisco. In addition, Golden Bay Construction, Inc. also completed the Transit Corridor Pedestrian Connection Improvement Phase 2 Project for the City in 2020 and is near completion with the Lara Field Parking Lot Rehabilitation Project. Based on their experience and performance with the City of San Bruno and other public agencies, staff determined that Golden Bay Construction, Inc. meets the qualifications to perform the work for the Spyglass Drive Storm Drain Improvements Project as specified in the contract documents.

Construction work will be limited to the hours of 8:00 a.m. to 5:00 p.m. Monday through Friday, excluding holidays unless otherwise authorized by the City Engineer. Construction will be performed in a manner to reduce to the extent possible disruptions to residents. Work will be occurring within storm drain easements on private property and will be coordinated with the property owners. Some work will necessitate entering onto private property, in which case right-of-entry agreements will be secured. Specifically, there is a concrete valley gutter and inlet that is privately owned that appears to either have been connected at one time or is connected to the storm drain within the easement that is conveying larger volumes of stormwater runoff from Sharp Park Road. The project proposes to separate the local runoff from private properties on Spyglass Drive from the larger size mains. The local runoff from these properties and from Spyglass Drive will be conveyed through a separate storm drain pipeline installed on Spyglass Drive.

Construction impacts will include temporary roadway closures, on-street parking, noise, dust, and short-term accessibility in and out of driveways. Residents will be notified 48 hours in advance of any planned disruptions to extended driveway access. As directed by City Council, all capital improvement projects shall limit construction equipment and materials stored within the public right-of-way to what is needed for five days of construction and will also require equipment/materials to be removed over the weekend.

A community meeting will be conducted with the neighborhood prior to construction to advise residents and businesses of project-related construction impacts and obtain their

comments and feedback. Construction on project is expected to begin in late-Spring or Summer 2022 and be completed by Fall 2022.

To increase capacity to deliver the project, staff is bringing on comprehensive construction management and inspection support so that staff can continue to work to deliver multiple capital improvement projects. Tanner Pacific is on the City's on-call list for construction management and inspection support and is proposed to be retained to provide this service. Tanner Pacific's proposal includes materials and compaction testing work. City staff will continue to perform overall project management.

The estimated project costs are as follows:

Grant Application Submittal Support (Kermani Group)	\$ 15,000
Design and Design Support During Construction (Freyer & Laureta)	\$ 298,600
Grant Support (Freyer & Laureta)	\$ 15,000
Construction Management and Inspection (Tanner Pacific)	\$ 100,000
Staff Project Management and Administrative Costs	\$ 100,000
Construction Contract (Golden Bay Construction, Inc.)	\$ 805,310
Construction Contingency (15%)	\$ 120,800
Estimated Total Project Cost (rounded)	\$ 1,455,000

The required grant local match of 25% on a total project cost of \$1,455,000 is approximately \$365,000.

FISCAL IMPACT: The FY 2021-22 Capital Improvement Program (CIP) budget includes appropriations for the Spyglass Drive Storm Drain Improvements Project. The CalOES grant funding of \$1,209,962 was also programmed. Though the amount of \$403,321 was included in the budget as local match, the fund source was shown as Unfunded due to uncertainty of the results of the 2021 Stormwater Fee initiative results at the time of budgeting. The total estimated project cost is anticipated to be \$1,455,000. The required grant local match of 25% on a total project cost of \$1,455,000 is approximately \$365,000. A total appropriation of \$370,000 was previously allocated to the project from the General Fund Capital Reserve for the design phase. Of the \$370,000, approximately \$345,000 have been encumbered or expended leaving approximately \$25,000 for staff time during the construction phase. Because the project already included an appropriation of local funding of \$370,000 for design costs, adequate local match is already programmed on the project and no new additional appropriation is needed. Should the project be delivered for this estimated total project cost, approximately \$1,090,000 in CalOES grant funding will be utilized. The balance of the grant funding is still available should there be a significant unforeseen condition during construction that requires additional grant utilization. Staff would return to Council in that event should additional appropriation of local funding for the required local match at a rate of 25% be needed.

ENVIRONMENTAL IMPACT:

The proposed project qualifies for a categorical exemption per CEQA Guideline Sections 15301(b), Existing Facilities, and 15302(c), Replacement or Reconstruction.

RECOMMENDATION: Adopt Resolution approving the design; authorizing the City Manager to execute a Construction Contract with Golden Bay Construction, Inc. for the Spyglass Drive Storm Drain Improvements Project in an amount not to exceed \$805,310.25; authorizing the City Manager to execute an Agreement with Tanner Pacific, Inc. for Construction Management and Inspection Services in an amount not to exceed \$99,254; approving an Agreement Amendment with Freyer & Laureta for grant support services for \$15,000; approving a construction contingency of \$120,800; and approving a total project budget in the amount of \$1,455,000.

ALTERNATIVES:

1. Reject bids, do not authorize award of the construction contract and rebid or defer the project. The area is prone to flooding and staff will need to continue to setup sandbags on properties annually.
2. Direct staff to select Alternative 2 and award to WR Forde Associates, Inc., in an amount of \$890,480 which will cost approximately \$85,000 more than Alternative 1 and be more disruptive to residents during construction. The total project costs would be approximately \$1,555,000 and an additional \$20,000 would need to be appropriated from the General Capital Reserve Fund to provide adequate local match on the project.

ATTACHMENTS:

1. Resolution
2. Project Vicinity Map
3. FY2021-22 CIP Budget Sheet