



City Council Agenda Item Staff Report

CITY OF SAN BRUNO

DATE: March 8, 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 JMB Construction, Inc. for the Avenues 3-1 Sewer and Water Main Replacement Project in an amount not to exceed \$8,993,767.40;
- Approving a Material Testing Agreement with Twining in an amount not to exceed \$157,332.50;
- Approving a Construction Management Agreement with CSG Engineers in an amount not to exceed \$350,000;
- Approving an Amendment with Bellecci Associates for Construction Support Services in an amount not to exceed \$60,236;
- Approving a Construction Contingency of \$1,350,000; and
- Approving a Total Project Budget in the Amount of \$11,956,000

BACKGROUND: The City of San Bruno Water and Sewer Master Plans were approved by the City Council on March 12, 2013 and February 25, 2014, respectively. The City subsequently prepared a 10-year prioritized work plan, which coordinates the individual improvement projects identified in the master plans into sequenced, bundled construction packages. On June 24, 2014, staff provided City Council with a report on the 10-year Improvement Work Plan and presented the following issues that were taken into consideration in developing the overall program priorities:

- Regulatory deadlines that require completion of sewer capacity projects.
- Sewer condition assessments that identify pipelines requiring replacement.
- Replacement of aging and under-sized sewer infrastructure to reduce infiltration/inflow and ongoing maintenance needs.
- Replacement of aging and under-sized water infrastructure that will improve fire flow reliability and reduce pipeline leaks.

Based on these considerations, priorities were developed to focus on the following:

- Implement and complete sewer capacity projects to meet regulatory completion deadlines.
- Replace oldest infrastructure in the downtown area and surrounding neighborhoods.

The Avenues 3-1 Sewer and Water Main Replacement Project was identified as one of the capital improvement projects in this work plan. The primary purpose of the project is to increase the capacities of the sewer and water mains with the goals of reducing the risk of sanitary sewer overflows and improving the reliability of the water system.

This project consists of installing approximately 6,700 feet of water pipeline and 6,500 feet of sewer pipeline within various streets bounded by Kains Avenue, El Camino Real, San Mateo Avenue and Sylvan Avenue (Attachment 3). After the pipelines have been replaced, the pavement will be rehabilitated and accessible curb ramps will be installed.

DISCUSSION: In December 2021, staff issued a notice inviting bids for the construction of the Avenues 3-1 Sewer and Water Main Replacement 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 3, 2021 and December 10, 2021. Staff held a non-mandatory pre-bid meeting on January 5, 2022.

A total of five bids were received and opened on January 17, 2022. A summary of the bid results is provided below.

| Contractor | Total Bid Price |
|----------------------------|------------------------|
| 1. JMB Construction | \$ 8,993,767.40 |
| 2. Ranger Pipelines | \$ 9,277,607.50 |
| 3. K.J. Woods Construction | \$ 9,988,054.00 |
| 4. Con-Quest Contractors | \$ 11,927,626.42 |
| 5. Minerva Construction | \$ 14,116,640.50 |
| Engineer’s Estimate | \$ 10,847,342.00 |

After a thorough review of all bid proposals for responsiveness, compliance with bid specifications, and reference checks, staff recommends awarding the contract to JMB Construction of San Francisco, California. JMB Construction is a responsible bidder and submitted the lowest responsive bid in the amount of \$8,993,767.40, which was \$1,853,575 less than the engineer’s estimate. JMB Construction has satisfactorily completed numerous water and sewer construction work for public agencies in the Bay Area including for the Cities of Burlingame, San Bruno, San Francisco, San Jose, and South San Francisco. Based on their experience and performance, staff has determined that JMB Construction meets the qualifications to perform the work for the Avenues 3-1 Sewer & Water Main Replacement Project as specified in the contract documents.

Construction work will be limited to the hours of 8:00 am to 5:00 pm Monday through Friday, excluding holidays. Construction will be performed in a manner to minimize disruptions to water and sewer services. Typically, the only utility disruptions occur when the contractor ties in the new water main to the existing water system and connects the new water services. Other construction impacts will include temporary roadway closures, on-street parking, noise, dust, and short-term accessibility in and out of driveways. However, minimizing the neighborhood impact is one of the goals for a successful project. Businesses and residents will be notified 48 hours in advance of any planned disruptions to water and

sewer services and 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 (Attachment 4). This requirement effectively requires that the contractor remobilize their equipment/materials every week to the project site. Residents living along the roadways leading from the off-site staging areas to the project site should expect additional trips of construction equipment and trucks laden with materials as the contractor will now be mobilizing and demobilizing on a weekly basis. The cost to perform the work and meet this requirement is approximately \$100,000 and is an additional cost that has been included the total bid price.

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 the Avenues 3-1 project is expected to begin in Summer 2022 and be completed by Summer 2023.

In order to increase capacity to deliver, staff is bringing on comprehensive construction management support so that staff can focus on the delivery of other capital improvement projects. CSG Engineers was on the City's on-call list for engineering support and was retained to provide this service. City staff will continue to perform overall project management as well as field inspection. Material testing services are required to ensure materials used on the project meet the relevant standards and will be performed by Twining, a material testing consultant firm that was on the City's on-call list for material testing services.

FISCAL IMPACT: The amended FY 2021-22 CIP budget for the project includes an allocation of \$6,060,000 from the Wastewater Fund and \$5,900,000 from the Water Fund to complete the design, bid and construction phases. This amount is sufficient to fund the estimated total project cost of approximately \$11,956,000 which includes construction contingency, materials testing, design and construction support services, construction management services, staff management and inspection, construction materials testing and construction contingency.

The estimated project costs are as follows:

| | |
|---|----------------------|
| Design / Construction Support (Bellecci Associates) | \$ 559,328 |
| Construction Management (CSG Engineers) | \$ 350,000 |
| Staff Management and Inspection | \$ 545,000 |
| Construction Materials Testing (Twining) | \$ 157,333 |
| Construction Contract (JMB Construction) | \$ 8,993,768 |
| Construction Contingency (15%) | \$ 1,350,000 |
| Estimated Total Project Cost | \$ 11,956,000 |

ENVIRONMENTAL IMPACT: The proposed project qualifies for a categorical exemption per 15302 "Replacement or Reconstruction".

RECOMMENDATION:

Adopt Resolution:

- Approving the Design;
- Authorizing the City Manager to Execute a Construction Contract with JMB Construction, Inc. for the Avenues 3-1 Sewer and Water Main Replacement Project in an amount not to exceed \$8,993,767.40;
- Approving a Material Testing Agreement with Twining in an amount not to exceed \$157,332.50;
- Approving a Construction Management Agreement with CSG Engineers in an amount not to exceed \$350,000;
- Approving an Amendment with Bellecci Associates for Construction Support Services in an amount not to exceed \$60,236;
- Approving a Construction Contingency of \$1,350,000; and
- Approving a Total Project Budget in the Amount of \$11,956,000

ALTERNATIVES:

1. Reject all bids and direct staff to re-advertise the project. This action will delay the completion of the Avenues 3-1 Sewer and Water Main Replacement Project.
2. Do not award the construction contract and do not complete the project.

ATTACHMENTS:

1. Resolution
2. 2021-22 CIP Budget Sheets (Pending until 2/22 mid-year adjustment)
3. Location Map
4. Construction Staging/Screening Requirement

RESOLUTION NO. 22 - ____

RESOLUTION

- **APPROVING THE DESIGN;**
- **AUTHORIZING THE CITY MANAGER TO EXECUTE A CONSTRUCTION CONTRACT WITH JMB CONSTRUCTION, INC. FOR THE AVENUES 3-1 SEWER AND WATER MAIN REPLACEMENT PROJECT IN THE AMOUNT OF \$8,993,767.40;**
- **APPROVING A MATERIAL TESTING AGREEMENT WITH TWINING IN AN AMOUNT NOT TO EXCEED \$157,332.50;**
- **APPROVING A CONSTRUCTION MANAGEMENT AGREEMENT WITH CSG ENGINEERS IN AN AMOUNT NOT TO EXCEED \$350,000;**
- **APPROVING AN AMENDMENT WITH BELLECCI ASSOCIATES FOR CONSTRUCTION SUPPORT SERVICES IN AN AMOUNT NOT TO EXCEED \$60,236;**
- **APPROVING A CONSTRUCTION CONTINGENCY OF \$1,350,000; AND**
- **APPROVING A TOTAL PROJECT BUDGET IN THE AMOUNT OF \$11,956,000**

WHEREAS, the City Council adopted resolutions to accept the updated Water System Master Plan and Sewer Master Plan on March 12, 2013 and February 25, 2014, respectively; and

WHEREAS, the City completed the 10-year Work Plan that coordinated individual improvement projects identified in the separate utility master plans and identified the Avenues 3-1 as one of the capital improvement project; and

WHEREAS, the project will increase capacities of the sewer and water mains with the goal of reducing the risk of sanitary sewer overflows and improving the reliability of the water system; and

WHEREAS, the project consists of installing approximately 6,700 feet of water pipeline and 6,500 feet of new water pipelines; and

WHEREAS, the City advertised this project for bid in compliance with State Contract Code and local purchasing regulations and received five sealed bids on January 17, 2022; and

WHEREAS, JMB Construction, Inc. was determined to be a responsible bidder and submitted the lowest responsive bid in the amount of \$8,993,767.40; and

WHEREAS, JMB Construction, Inc. has satisfactorily completed water and sewer replacement projects for public agencies in the Bay Area, meets the contractor qualifications, and has a valid contractor's license required to perform the scope of work of this project; and

WHEREAS, funding for this project is available within the established FY 2021-22 Capital Improvement Program in the Water and Sewer Main Improvement and Replacement Programs.

NOW, THEREFORE, BE IT RESOLVED that the San Bruno City Council hereby:

- Approves the design;
- Authorizes the City Manager to execute a construction contract with JMB Construction, Inc. for the Avenues 3-1 Sewer and Water Main Replacement Project in an amount not to exceed \$8,993,767.40;
- Approves a material testing agreement with Twining in an amount not to exceed \$157,332.50;
- Approves a construction management agreement with CSG Engineers in an amount not to exceed \$350,000;
- Approves an amendment with Bellecci Associates for construction support services in an amount not to exceed \$60,236;
- Approves a construction contingency of \$1,350,000; and
- Approves a total project budget in the amount of \$11,956,000

Dated: March 8, 2022

I, Melissa Thurman, City Clerk, do hereby certify that the foregoing Resolution was duly and regularly passed and adopted by the City Council of the City of San Bruno this 8th day of March 2022 by the following vote:

AYES: Councilmembers: _____

NOES: Councilmembers _____

ABSENT: Councilmembers: _____

ATTEST:

 Melissa Thurman, MMC
 City Clerk

Water Capital

Water Mains

Water Main Improvement and Replacement Program - Project Detail

PROJECT #: 11006 | 11007 | 11008 | 11009 | 11010 | 11011

| DEPARTMENT: Public Works | | FY2021-22 | | | | | | | | Total |
|--------------------------|------------|----------------------|---------------------|-------------------|---------------------|---------------------|---------------------|---------------------|-------------|----------------------|
| FUNDING SOURCES | | Prior | Estimated | New Request | Total | FY2022-23 | FY2023-24 | FY2024-25 | FY2025-26 | FY2022-26 |
| | | Appropriations | Carryover | | Appropriations | | | | | Budget |
| Water Fund | | \$ 10,482,500 | \$ 5,793,037 | \$ 250,000 | \$ 6,043,037 | \$ 6,150,000 | \$ 7,000,000 | \$ 8,000,000 | \$ - | \$ 27,193,037 |
| PROJECT APPROPRIATIONS | | Prior | Estimated | New Request | Total | | | | | Total |
| | | Appropriations | Carryover | | Appropriations | FY2022-23 | FY2023-24 | FY2024-25 | FY2025-26 | FY2022-26 |
| | | | | | | | | | | Budget |
| Defund? Completed? | Project | | | | | | | | | |
| San Antonio Avenue | 11006 | \$ 1,082,500 | \$ (3) | \$ - | \$ (3) | \$ - | \$ - | \$ - | \$ - | \$ (3) |
| Design | | 25,500 | 3,003 | - | 3,003 | - | - | - | - | 3,003 |
| Construction | | 1,057,000 | (3,006) | - | (3,006) | - | - | - | - | (3,006) |
| Avenues No. 1-3 | 11007 | \$ 5,020,000 | \$ 1,854,312 | \$ (1,000,000) | \$ 854,312 | \$ - | \$ - | \$ - | \$ - | \$ 854,312 |
| Design | | 300,000 | 62,021 | - | 62,021 | - | - | - | - | 62,021 |
| Construction | | 4,720,000 | 1,792,291 | (1,000,000) | 792,291 | - | - | - | - | 792,291 |
| Avenues No. 2-1 | 11008 | \$ 230,000 | \$ 90,952 | \$ 200,000 | \$ 290,952 | \$ - | \$ - | \$ - | \$ - | \$ 290,952 |
| Design | | 180,000 | 52,926 | - | 52,926 | - | - | - | - | 52,926 |
| Construction | | 50,000 | 38,026 | 200,000 | 238,026 | - | - | - | - | 238,026 |
| Avenues No. 3-1 | 11009 | \$ 3,850,000 | \$ 3,547,776 | \$ 1,050,000 | \$ 4,597,776 | \$ 1,550,000 | \$ - | \$ - | \$ - | \$ 6,147,776 |
| Design | | 300,000 | 43,741 | 50,000 | 93,741 | - | - | - | - | 93,741 |
| Construction | | 3,550,000 | 3,504,035 | 1,000,000 | 4,504,035 | 1,550,000 | - | - | - | 6,054,035 |
| Avenues No. 3-2 | 11010 | \$ 300,000 | \$ 300,000 | \$ - | \$ 300,000 | \$ 4,000,000 | \$ - | \$ - | \$ - | \$ 4,300,000 |
| Design | | 300,000 | 300,000 | - | 300,000 | - | - | - | - | 300,000 |
| Construction | | - | - | - | - | 4,000,000 | - | - | - | 4,000,000 |
| Avenues No. 3-3 | 11011 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 300,000 | \$ 4,000,000 | \$ - | \$ 4,300,000 |
| Design | | - | - | - | - | - | 300,000 | - | - | 300,000 |
| Construction | | - | - | - | - | - | - | 4,000,000 | - | 4,000,000 |
| Avenues No. 3-4 | Unassigned | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 300,000 | \$ 4,000,000 | \$ - | \$ 4,300,000 |
| Design | | - | - | - | - | - | 300,000 | - | - | 300,000 |
| Construction | | - | - | - | - | - | - | 4,000,000 | - | 4,000,000 |
| Avenues No. 4-1 | Unassigned | \$ - | \$ - | \$ - | \$ - | \$ 300,000 | \$ 2,400,000 | \$ - | \$ - | \$ 2,700,000 |
| Design | | - | - | - | - | 300,000 | - | - | - | 300,000 |
| Construction | | - | - | - | - | - | 2,400,000 | - | - | 2,400,000 |
| Avenues No. 4-2 | Unassigned | \$ - | \$ - | \$ - | \$ - | \$ 300,000 | \$ 4,000,000 | \$ - | \$ - | \$ 4,300,000 |
| Design | | - | - | - | - | 300,000 | - | - | - | 300,000 |
| Construction | | - | - | - | - | - | 4,000,000 | - | - | 4,000,000 |
| Total | | \$ 10,482,500 | \$ 5,793,037 | \$ 250,000 | \$ 6,043,037 | \$ 6,150,000 | \$ 7,000,000 | \$ 8,000,000 | \$ - | \$ 27,193,037 |

RESOLUTION NO. 2022-_____

RESOLUTION APPROVING THE BUDGET BALANCING STRATEGIES AND SECOND-QUARTER BUDGET AMENDMENT FOR THE FY2021-22 OPERATING AND CAPITAL BUDGET

WHEREAS, the City prepares and adopts its budgets with the intent of providing a planned policy program for City services and a financial system to carry out the planned program of services; and

WHEREAS, the City Council approved Resolution no. 2021-22 adopting the FY2021-22 Operating and Capital Budget on June 22, 2021; and

WHEREAS, the City Council may amend the budget as necessary to account for changing conditions; and

WHEREAS, amendments for revenues and expenditures impacting the various funds should be approved consistent with the operating requirements and previous City Council actions and consistent with the information provided with the mid-year financial status report received by the City Council on February 22, 2022:

| Item | Fund | Program / Request | Revenue Increase / (Decrease) | Expense Increase / (Decrease) |
|--|--------------------|-------------------------------------|--------------------------------------|--------------------------------------|
| A | General Fund | Human Resources | | \$ 8,000 |
| B | General Fund | Community Services: Recreation | 76,189 | 54,314 |
| C | General Fund | Community Services: Senior Services | (61,786) | |
| D | General Fund | Community Services: Library | | 54,000 |
| E | ARPA | | (290,000) | (281,842) |
| F | Equipment Reserves | Police Department | | 70,000 |
| Operating Budget Amendment Requests | | | (\$275,597) | (\$95,628) |

| CIP Budget Amendment Requests: | | Expense Increase / (Decrease) |
|---|--|--------------------------------------|
| G | Avenues 3-1 (#11009) – Water for construction | 1,000,000 |
| H | Avenues 3-1 (#31012) – Wastewater for construction | 1,000,000 |
| I | Avenues 2-1 (#31009) – Wastewater for design | 100,000 |
| J | Avenues 2-2 (#31010) – Wastewater for design | 100,000 |
| Total CIP Budget Amendment Requests: | | \$2,200,000 |

WHEREAS, amendments will increase the General Fund operating deficit by \$28,613 to \$1,112,874, decrease ARPA surplus by \$8,058, increase Equipment reserve by \$70,000 and increase CIP appropriation by \$2.2 million.

NOW THEREFORE, the City Council of the City of San Bruno hereby resolves to amend the FY2021-22 General Fund, Special Revenue Funds, and Capital Improvement Program Budgets and that specific revenue and expenditure line items enumerated are hereby amended.

—o0o—

I hereby certify that foregoing Resolution No. 2022-_____ was introduced and adopted by the San Bruno City Council at a regular meeting on February 22, 2022 by the following vote:

AYES:

NOES:

ABSENT:

City Clerk

DOCUMENT 00 73 00

SPECIAL CONDITIONS

List and describe any Contract Conditions not covered under Document 00 72 00 General Conditions that are unique to this specific project.

1. If approved by the City, construction equipment and materials may be stored within the public right-of-way but must be moved every five (5) days as construction progresses. Material storage at the construction site shall be limited to what is needed for five (5) days construction. No construction material shall be stored over the weekend unless approved by the City Engineer. Operating reflector barricades shall be required for all equipment and material left on the street overnight. At the end of each workday all loose material, parts and debris must be cleaned up and discarded and any stored materials shall be neatly stacked and organized.

Failure to comply with these requirements shall result in liquidated damages in the amount of **\$250** per **Calendar Day**.

2. The construction site and any off-site staging areas must be secured by temporary chain linked fencing, with a minimum height of 72 inches, unless the building code requires additional protection. The chain link fence is to be made of galvanized steel and must include a top and bottom rail. The fencing must be adequately anchored to prevent movement and the effects of wind. No visible gaps in the fencing are allowed, including between panels or under them. Gates must be sliding or in-swinging and close tightly with no gaps in or around them.

When the construction site or off-site staging area is adjacent to any public right-of-way, the fence adjacent to the right-of-way shall have a visual/dust barrier or screening. The screen is to be constructed of green knitted polyethylene or canvas securely fixed to the inside face of the fencing and shall be maintained in a taut condition throughout the project. No twisted wire is to protrude on the exterior side of the fence. No tears or rips greater than 2" in any dimension will be allowed. Any screening that is torn or ripped or fencing or barricades that have been defaced will be replaced at the contractor's expense within 48 hours.

In addition to the required screening, any wood barricades or temporary chain link fencing facing a public roadway shall be setback two (2) feet from any property line or sidewalk, if site conditions allow. All areas visible from the public right-of-way shall be maintained free of weeds and litter.

Any construction site or staging area fencing facing a public roadway shall include a sign, securely installed on the fence that is made of durable and waterproof materials that provides the following information: the name and emergency contact telephone number of the general contractor. The sign lettering shall be large enough to be read from 10 feet away and the sign shall not extend above the top of the fence. The sign language and graphics need to be approved by City staff prior to installation.

Failure to comply with these requirements shall result in liquidated damages in the amount of **\$250** per **Calendar Day**.

-END OF DOCUMENT-