



150121

STAFF REPORT

AGENDA NO: 8c

MEETING DATE: February 18, 2020

To: Honorable Mayor and City Council

Date: February 18, 2020

From: Syed Murtuza, Director of Public Works – (650) 558-7230

Subject: Adoption of Resolutions Awarding a Construction Contract to Ranger Pipelines, Inc. for the FY 2019-20 Citywide Sewer Improvements Project in the Amount of \$1,086,420 and Approving a Professional Services Agreement with Bellecci & Associates for Construction Management Services in the Amount of \$150,121

RECOMMENDATION

Staff recommends that the City Council adopt the attached resolutions as follows:

- (1) Award a construction contract with Ranger Pipelines, Inc. for the FY 2019-20 Citywide Sewer Improvements along Vancouver Avenue, Broadway, Rollins Road, El Camino Real, and easements of La Mesa Drive, Alturas Drive, and Los Montes Drive, City Project No. 85570, in the amount of \$1,086,420, and authorize the City Manager to execute the contract; and
- (2) Approve a professional services agreement with Bellecci & Associates in the amount of \$150,121 for construction management services related to the project, and authorize the City Manager to execute the same.

BACKGROUND

The majority of the sewer system infrastructure in the areas mentioned above was originally constructed between 1906 and 1946, and is deteriorated. The identified sewer system has served beyond its useful life as the pipes and manholes have been experiencing inflow and infiltration problems due to structural failures. Although the sewer pipes identified on El Camino Real were constructed more recently, in 1979, constant maintenance needs caused by poor flow conditions have made replacement necessary. These problems are further exacerbated during the rainy season. Therefore, the sanitary sewer system is in need of upgrades.

DISCUSSION

The project consists of constructing approximately 2,100 feet of a combination of new 6-inch and 8-inch sanitary sewer pipe system throughout various neighborhoods using open cut, pipe bursting, and pipe-reaming methods in the public right-of-way and along easement areas. Additionally, point repairs are proposed at eight locations on the existing 6-inch and 8-inch

sanitary sewer pipe system using the open cut technique within easement areas and the public right-of-way. The work also includes decommissioning and abandoning approximately 600 linear feet of existing 8-inch sanitary sewer pipe in the public right-of-way. Other related work includes installation and replacement of nine manholes, 37 cleanouts and laterals by pipe bursting or open cut, rehabilitation of six manholes, abandonment of four manholes, temporary bypass pumping, connection of laterals, replacement of traffic detector loops, and other related miscellaneous work.

Construction Contract

The project was advertised for bids on December 17, 2019, and the sealed bids were opened on January 23, 2020. The City received seven bid proposals, with base bids ranging from \$1,086,420 to \$1,289,467. Ranger Pipelines, Inc. is the lowest responsible bidder with its base bid amount of \$1,086,420, which is approximately 15 percent below the engineer's estimate of \$1,276,512. Staff has reviewed the contractor's proposal, and the contractor has met all the project requirements. The contractor has a track record of successfully performing similar work for the City of Burlingame in the past and for neighboring public agencies.

Professional Services Agreement

Bellecci & Associates was selected through a Request for Proposals (RFP) process as the most qualified firm to provide construction management services based on their experience with and knowledge of construction methods; construction within narrow easements; and having successfully completed similar projects, including Phases 2, 3, and 4 of the Easton Addition project. Staff has negotiated the following scope of professional services with Bellecci & Associates for construction management and inspection services in the amount of \$150,121:

- Review, process, and approve pre-construction project drawings and submittals;
- Attend and manage pre-construction meetings between the City and Contractor;
- Review and advise the City on the Contractor's overall and weekly construction schedule;
- Perform daily construction inspection and provide construction management services for 60 construction working days;
- Prepare daily written construction reports and photographic records of the project;
- Attend weekly construction progress meetings, perform necessary field engineering work, and perform independent quality assurance assessments;
- Perform project close out inspections and develop final punch list;
- Perform coordination of the submittal review and approvals with the design engineer;
- Review and respond to requests for information, requests for contract change orders, and process construction progress payments;
- Negotiate claims, liquidated damages, and final payment; and
- Prepare final project recording drawings.

The professional services fee represents approximately 12% of the estimated construction cost. The fee amount is consistent with industry standards for construction management and inspection services based on the scope and complexity of the project involving various methods of pipeline

installation. The project construction is anticipated to begin in March 2020 and is expected to be completed by July 2020 barring any construction delays.

FISCAL IMPACT

Estimated Project Expenditures

The following are the estimated project construction expenditures:

Construction Contract	\$1,086,420
Construction Management and Inspection	\$150,121
Engineering & Design Support during Construction	\$57,175
Construction Contingencies 15%	\$194,057
Contract Administration	\$62,227
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Total:	\$1,550,000

Funding Availability

There are adequate funds available in the Sewer Capital Improvement Program to complete the project.

Exhibits:

- Resolution Awarding Construction Contract
- Resolution Approving Professional Services Agreement
- Bid Summary
- Construction Contract
- Professional Services Agreement
- Project Location Map