



STAFF REPORT

Approving Plans and Specifications, Authorizing Advertisement for Sealed Bids, Approving Award of Contract to the Lowest Responsible Bidder for an Amount not to exceed \$1,000,000, Approving a Construction Contingency not to exceed \$100,000, and Authorizing the City Manager to Execute a Contract for Sanitary Sewer Rehabilitation - Basins 4, 5 & 6, Sunnyslope, Downtown, and Central Neighborhoods, City Contract Number 454

September 23, 2003

Honorable Mayor and City Council:

Summary

The Department of Public Works staff request City Council approval for the Pipeliners - Sanitary Sewer Rehabilitation – Basins 4, 5 & 6 plans and specifications and also request authorization to advertise this project for bid. This project is one of two construction projects planned for this year to rehabilitate the sewers in the Sunnyslope, Downtown, and Central neighborhoods west of El Camino Real. The engineer's estimate for this project is \$1,000,000. Staff also request approval of a construction contingency equal to ten percent of the contract award.

Background and Discussion

The City of Belmont, Department of Public Works, for over a decade has been conducting a citywide sanitary sewer assessment and rehabilitation program to reduce infiltration and inflow of stormwater and to improve the sewer system's structural integrity and capacity. As part of this program, sanitary sewers in the Sunnyslope, Downtown, and Central neighborhoods were video-inspected and smoke-tested a couple of years ago. Analysis of the inspection reports indicates the need for two types of rehabilitation: pipelining and pipebursting. Public Works staff has prepared designs and plans for a contract to construct pipe lining beginning this winter and pipebursting next Spring through Summer. This report addresses the pipelining project.

Lining original clay sewer pipe with thin PVC plastic is used to rehabilitate sewer mains where the existing pipe is still holding its shape but has many cracks, open joints and root intrusion. The pipe is cleaned and televised prior to lining and any laterals protruding into the interior of the sewer main are cut off to make a smooth surface for the liner. For installation, the liner material is heated to give it sufficient flexibility and pressurized while warm to form it tightly

against the existing clay pipe. Once cooled, it sets to a rigid, strong, and smooth lining that stabilizes further deterioration of the clay pipe and generally improves the flow characteristic and capacity of the sewer main. Sewer lateral connections are reopened by grinding out the liner wall. Approximately 38,050 linear feet of sewer main will be lined as part of City Contract Number 454.

The Department of Public Works requests City Council approval of the plans and specifications and authorization to advertise for sealed bids from qualified contractors. The proposed bid opening date is October 21, 2003. If a contract can be awarded, construction should start in November and continue through April 2004, depending on weather.

Fiscal Impact

The engineer's estimated cost for City Contract Number 454 is \$1,000,000. Funding will be obtained from the CIP FY 2003/04 Sewer Basins 4, 5 & 6 Pipeliners Project Account 503-4325-7045-9030 with budgeted funds of \$1,100,000.00. The remaining \$100,000 will be reserved as a 10 percent construction contingency to be approved for use as needed by the City Manager and Finance Director to address unforeseen conditions that would prevent contract completion.

Recommendation

It is recommended that the City Council approve City Contract Number 454 – Pipeliners - Sanitary Sewer Rehabilitation – Basins 4, 5 & 6 contract plans and specifications. It is further recommended that the City Council authorize advertising for sealed bids from qualified construction contractors and approve award of contract to the lowest responsible bidder for an amount not to exceed \$1,000,000 with a construction contingency of \$100,000. Staff also request approval of a construction contingency equal to ten percent of the contract award. Assuming acceptable bids are received, it is recommended that Council authorize the City Manager to execute a contract with the lowest responsible bidder.

Alternatives

1. Refer back to staff for further information
2. Deny the request.

Attachments

1. Resolution

Respectfully submitted,

Kathleen Phalen, P.E.
City Engineer

Raymond E. Davis, III, P.E., PTOE.
Director of Public Works

Jere A. Kersnar
City Manager

RESOLUTION NO. _____

**CITY OF BELMONT
San Mateo County California**

RESOLUTION OF THE CITY COUNCIL OF THE CITY OF BELMONT APPROVING PLANS AND SPECIFICATIONS, AUTHORIZING ADVERTISEMENT FOR SEALED BIDS, APPROVING AWARD OF CONTRACT TO THE LOWEST RESPONSIBLE BIDDER FOR AN AMOUNT NOT TO EXCEED \$1,000,000, APPROVING A CONSTRUCTION CONTINGENCY NOT TO EXCEED \$100,000, AND AUTHORIZING THE CITY MANAGER TO EXECUTE A CONTRACT FOR SANITARY SEWER REHABILITATION, BASINS 4, 5, & 6, SUNNPSLOPE, DOWNTOWN, AND CENTRAL NEIGHBORHOODS CITY CONTRACT NUMBER 454

WHEREAS, as part of the Citywide sanitary sewer rehabilitation program, sanitary sewers in Basins 4, 5 & 6, in the Sunnyslope, Downtown, and Central neighborhoods are scheduled for rehabilitation; and,

WHEREAS, the Department of Public Works has prepared plans and specifications for this work; and,

WHEREAS, Sewer Enterprise Funds have been budgeted in Fiscal Year 2004 for this project.

NOW, THEREFORE, BE IT RESOLVED:

2. The City Council approves City Contract Number 454 plans and specifications.
3. The City Council authorizes advertisement for sealed bids for this work.
4. The City Council approves award of contract to the lowest responsible bidder for an amount not to exceed \$1,000,000 with a 10 percent construction contingency not to exceed \$100,000.
5. The City Council authorizes the City Manager to execute a contract with the lowest responsible bidder.
6. Funding shall be from the FY2003/04 budget, project accounts CP-503-4326-7045-9030.

I hereby certify that the foregoing Resolution was duly and regularly passed and adopted by the City Council of the City of Belmont at a regular meeting thereof held on September 23, 2003.

AYES, COUNCILMEMBER(S): _____

NOES, COUNCILMEMBER(S): _____

ABSTAIN, COUNCILMEMBER(S): _____

ABSENT, COUNCILMEMBER(S): _____

City Clerk of the City of Belmont

APPROVED:

Mayor of the City of Belmont