



CITY OF HAYWARD
AGENDA REPORT

AGENDA DATE 06/15/04
AGENDA ITEM 2
WORK SESSION ITEM _____

TO: Mayor and City Council
FROM: Director of Public Works
SUBJECT: Sanitary Sewer Lining and Spot Repairs at Highland Area and Spring Drive Area:
Award of the Construction Contract

RECOMMENDATION:

It is recommended that the City Council adopt the attached resolutions that:

1. Award the contract to California Trenchless, Inc., in the amount of \$817,781; and
2. Appropriate \$26,000 in the Sewer Collection System Replacement Fund to complete the project.

BACKGROUND:

The existing sanitary sewer mains at Highland Boulevard, Sybil Street, Margaret Drive, Leona Drive, Roxanne Avenue, and Spring Drive are 60-year-old 8-inch sewer lines. The City's recent TV inspection of these relatively shallow and aging mains revealed that they have suffered serious deterioration, with many cracks and offsets. The structural integrity of the pipes and junction structures has become a concern; the remaining service life may be very short.

This project will replace and repair approximately 6,700 feet of 8-inch sewer pipe and reconnect all service lines at Highland Boulevard and Spring Drive areas. Most of the existing sanitary mains are located in the backyards of houses and are very difficult to access. A combination of open trench and trenchless methods will be used for this project.

On April 27, 2004, the City Council approved the plans and specifications for the subject project and called for bids to be received on May 25, 2004. Three bids were received ranging from \$817,781 to \$1,020,299. The engineer's estimate for the project was \$751,000. The low bid submitted by California Trenchless, Inc., a local contractor in Hayward, in the amount of \$817,781 is approximately 9% above the engineer's estimate. After review of the bids, staff has concluded that its engineer's estimate was low regarding costs for rehabilitating existing sanitary sewer manholes and reconnecting laterals and, therefore, recommends awarding to the low bidder.

Notices will be provided to affected residents, property owners and business owners, to inform them of the nature and purpose of the work, potential impacts, and City contact for additional

information. A second notice will be provided when the contractor's work schedule is defined and specific dates can be established.

PROJECT COST:

Design & Survey	\$150,000
Construction Cost	817,781
Inspection & Administration	<u>60,219</u>
Total:	\$1,028,000

FUNDING:

The 2003-04 Capital Improvement Program includes a total of \$1,002,000 in the Sewer Collection System Replacement Fund for this project. An appropriation of \$26,000 is recommended from the Sewer Collection System Replacement Fund to complete the project.

SCHEDULE:

The following tentative project schedule has been developed for this package:

Award Construction Contract	June 15, 2004
Begin Construction	July, 2004
Construction Completion	November, 2004

Prepared by:



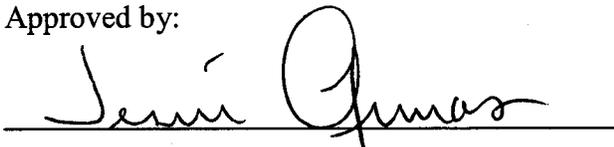
Alex Ameri, Deputy Director of Public Works

Recommended by:



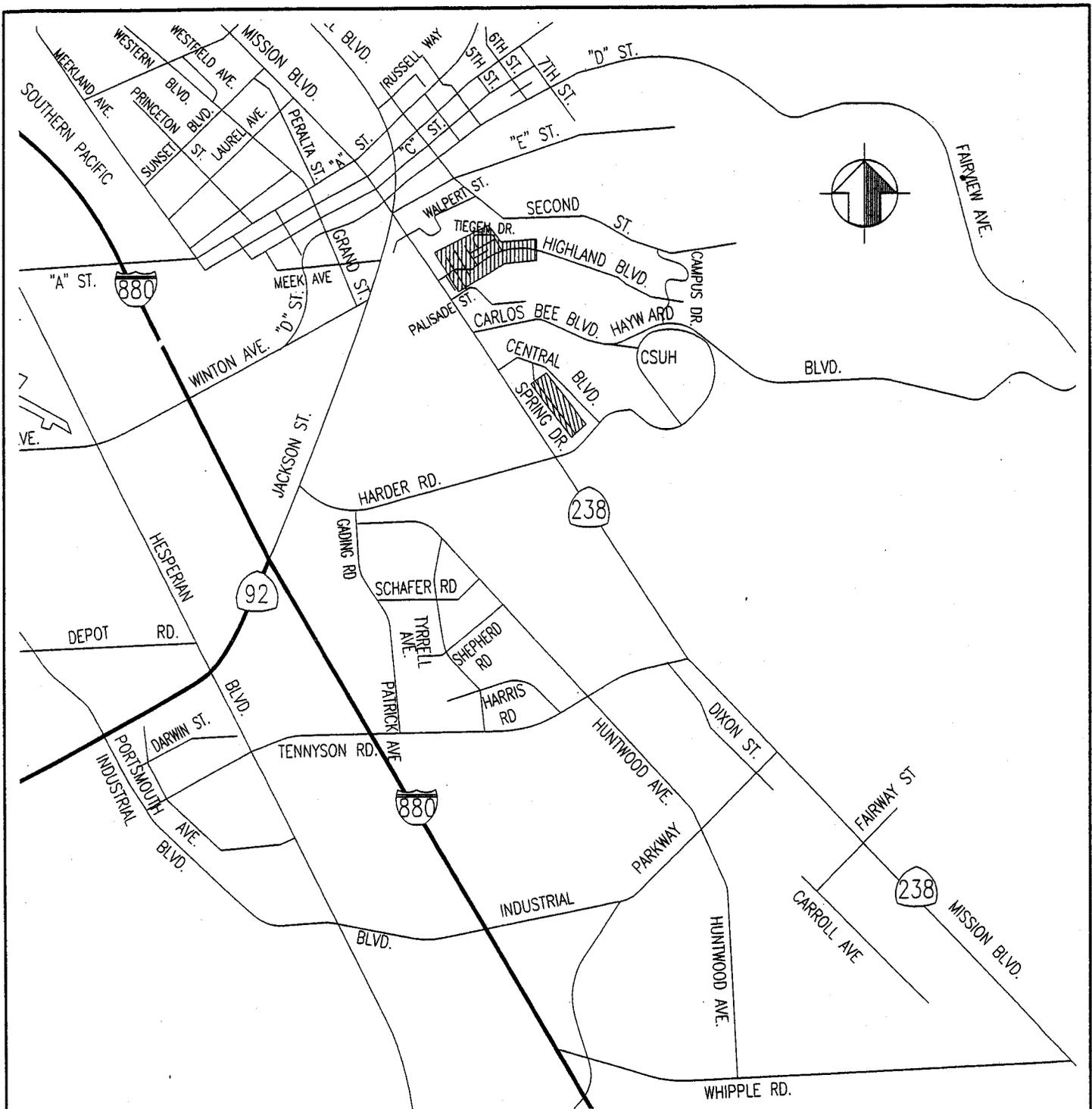
Dennis L. Butler, Director of Public Works

Approved by:



Jesús Armas, City Manager

Attachments: Exhibit A - Project Location Map
Exhibit B - Bid Summary



LEGEND:   PROJECT AREA

PROJECT LOCATION MAP

SEWER LINING AND SPOT REPAIRS AT
 HIGHLAND AREA AND SPRING DRIVE AREA
 PROJECT NO. 614-7598

CITY OF HAYWARD
 SANITARY SEWER LINING AND SPOT REPAIRS AT HIGHLAND AREA AND SPRING DRIVE AREA
 PROJECT NO. 7598
 BIDS OPENED: MAY 25, 2004

(NUMBER OF BIDS RECEIVED - 3 --)

BID SUMMARY			ENGINEER'S ESTIMATE		CALIFORNIA TRENCHLESS		KJ WOODS CONSTRUCTION		J HOWARD ENGINEERING INC		
					2283 DUNN ROAD HAYWARD CA 94545 510-782-5335 PHONE 510-782-3781 FAX		2625 JUDAH ST #2 SAN FRANCISCO CA 94122 415-759-0500 PHONE 415-759-1348 FAX		1325 HOWARD AVE #265 BURLINGAME CA 94010-4212 650-375-8314 PHONE 650-375-8237 FAX		
ITEM	QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
1	1	LS	CONSTRUCTION AREA SIGNS	2,000.00	2,000.00	3,000.00	3,000.00	2,000.00	2,000.00	5,000.00	5,000.00
2	1	LS	TRAFFIC CONTROL SYSTEM	5,000.00	5,000.00	5,000.00	5,000.00	2,000.00	2,000.00	10,000.00	10,000.00
3	1	LS	TRENCH SHORING AND TRENCH SAFETY	10,000.00	10,000.00	8,000.00	8,000.00	40,000.00	40,000.00	45,000.00	45,000.00
4	80	TN	ASPHALT CONCRETE (PAVEMENT REPLACEMENT)	110.00	8,800.00	130.00	10,400.00	50.00	4,000.00	95.00	7,600.00
5	2,062	LF	CONSTRUCT 8" SANITARY SEWER PIPE (PVC SDR 26) INCLUDING REMOVAL OF EXISTING SEWER PIPE	70.00	144,340.00	63.00	129,906.00	108.00	222,696.00	117.00	241,254.00
6	3,795	LF	REHABILITATE EXISTING 8" SANITARY SEWER PIPE BY LINING	45.00	170,775.00	37.00	140,415.00	38.00	144,210.00	53.00	201,135.00
7	844	LF	REHABILITATE EXISTING 8" SANITARY SEWER PIPE BY PIPE BURSTING	55.00	46,420.00	90.00	75,960.00	50.00	42,200.00	90.00	75,960.00
8	2	EA	MODIFY EXISTING SANITARY SEWER MANHOLE	1,200.00	2,400.00	1,800.00	3,600.00	1,000.00	2,000.00	1,000.00	2,000.00
9	10	EA	CONSTRUCT NEW SANITARY SEWER MANHOLE	4,000.00	40,000.00	3,200.00	32,000.00	3,000.00	30,000.00	3,500.00	35,000.00
10	4	EA	REMOVE EXISTING SANITARY SEWER MANHOLE	1,000.00	4,000.00	800.00	3,200.00	1,000.00	4,000.00	1,000.00	4,000.00
11	7	EA	REMOVE EXISTING SANITARY SEWER CLEAN-OUT	500.00	3,500.00	600.00	4,200.00	500.00	3,500.00	500.00	3,500.00
12	26	EA	REHABILITATE EXISTING SANITARY SEWER MANHOLE	1,000.00	26,000.00	3,200.00	83,200.00	3,000.00	78,000.00	1,550.00	40,300.00
13	2	EA	LOCATE AND EXPOSE EXISTING SANITARY SEWER MANHOLE	500.00	1,000.00	300.00	600.00	500.00	1,000.00	750.00	1,500.00

EXHIBIT B

CITY OF HAYWARD
 SANITARY SEWER LINING AND SPOT REPAIRS AT HIGHLAND AREA AND SPRING DRIVE AREA
 PROJECT NO. 7598
 BIDS OPENED: MAY 25, 2004

(NUMBER OF BIDS RECEIVED - 3 --)

BID SUMMARY				ENGINEER'S ESTIMATE		CALIFORNIA TRENCHLESS		KJ WOODS CONSTRUCTION		J HOWARD ENGINEERING INC	
						2283 DUNN ROAD HAYWARD CA 94545 510-782-5335 510-782-3781		2625 JUDAH ST #2 SAN FRANCISCO CA 94122 415-759-0500 415-759-1348		1325 HOWARD AVE #265 BURLINGAME CA 94010-4212 650-375-8314 650-375-8237	
ITEM	QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
14	1	EA	ABANDON EXISTING SANITARY SEWER LINES/SERVICE LINES (LATERALS)	500.00	500.00	1,400.00	1,400.00	100.00	100.00	1,300.00	1,300.00
15	130	EA	RECONNECT EXISTING SEWER SERVICE LINES (LATERALS)	300.00	39,000.00	550.00	71,500.00	400.00	52,000.00	750.00	97,500.00
16	2	EA	CONSTRUCT NEW SEWER SERVICE LINES (LATERALS)	1,000.00	2,000.00	2,500.00	5,000.00	2,000.00	4,000.00	2,500.00	5,000.00
17	25	EA	SPOT REPAIR EXISTING SANITARY SEWER LINE	500.00	12,500.00	400.00	10,000.00	200.00	5,000.00	100.00	2,500.00
18	1	LS	HIGHLAND EASEMENT ACCESS RAMP IMPROVEMENT	5,000.00	5,000.00	2,500.00	2,500.00	12,000.00	12,000.00	13,500.00	13,500.00
19	4	EA	TREE REMOVAL (DIAMETER 0.1' TO 1.0')	500.00	2,000.00	400.00	1,600.00	250.00	1,000.00	500.00	2,000.00
20	1	EA	TREE REMOVAL (DIAMETER 1.1' TO 2.5')	750.00	750.00	800.00	800.00	500.00	500.00	1,750.00	1,750.00
21	1	EA	TREE REMOVAL (2.6' TO 4.5')	1,000.00	1,000.00	1,500.00	1,500.00	2,000.00	2,000.00	2,000.00	2,000.00
22	1	EA	TREE REMOVAL (DIAMETER BIGGER THAN 4.5')	3,000.00	3,000.00	4,000.00	4,000.00	2,000.00	2,000.00	2,500.00	2,500.00
23	1	LS	ADMINISTRATIVE CHANGE ORDERS	220,000.00	220,000.00	220,000.00	220,000.00	220,000.00	220,000.00	220,000.00	220,000.00
TOTAL				749,985.00		817,781.00		874,206.00		1,020,299.00	

EXHIBIT B

DRAFT NH
4/21/04

HAYWARD CITY COUNCIL

RESOLUTION NO. 04-

Introduced by Council Member _____

**RESOLUTION AWARDING CONTRACT TO CALIFORNIA
TRENCHLESS, INC., FOR THE SANITARY SEWER LINING
AND SPOT REPAIRS AT HIGHLAND AREA AND SPRING
DRIVE AREA, PROJECT NO. 7598**

WHEREAS, on April 27, 2004, the City Council approved the plans and specifications for the Sanitary Sewer Lining and Spot Repairs and Highland Area and Spring Drive Area, Project 7598, and called for bids to be received on May 25, 2004; and

WHEREAS, on May 25, 2004, three bids were received ranging from \$817,781 to \$1,020,299; California Trenchless, Inc., submitted the lowest bid in the amount of \$817,781, which is approximately nine percent above the engineer's estimate of \$751,000.

NOW, THEREFORE, BE IT RESOLVED that California Trenchless, Inc., is hereby awarded the contract for the Sanitary Sewer Lining and spot repairs at the Highland Area and Spring Drive Area, Project No. 7598, in accordance with the plans and specifications adopted therefor and on file in the office of the City Clerk of the City of Hayward, at and for the price named and stated in the bid of the hereinabove specified bidder, and all other bids are hereby rejected.

BE IT FURTHER RESOLVED that the City Manager is hereby authorized and directed to execute the contract with California Trenchless, Inc., in the name of and for and on behalf of the City of Hayward, in a form to be approved by the City Attorney.

IN COUNCIL, HAYWARD, CALIFORNIA _____, 2004

ADOPTED BY THE FOLLOWING VOTE:

AYES: COUNCIL MEMBERS:

MAYOR:

NOES: COUNCIL MEMBERS:

ABSTAIN: COUNCIL MEMBERS:

ABSENT: COUNCIL MEMBERS:

ATTEST: _____
City Clerk of the City of Hayward

APPROVED AS TO FORM:

City Attorney of the City of Hayward

DRAFT

NH
4/2/04

HAYWARD CITY COUNCIL

RESOLUTION NO. 04-

Introduced by Council Member _____

RESOLUTION AMENDING RESOLUTION 03-094, AS AMENDED, THE BUDGET RESOLUTION FOR CAPITAL IMPROVEMENT PROJECTS FOR FISCAL YEAR 2003-04, RELATING TO AN APPROPRIATION OF FUNDS FROM THE SEWER COLLECTION SYSTEM REPLACEMENT FUND TO COMPLETE THE SANITARY SEWER LINING AND SPOT REPAIRS AT HIGHLAND AREA AND SPRING AREA, PROJECT NO. 7598

BE IT RESOLVED by the City Council of the City of Hayward that Resolution No. 03-094, as amended, the Budget Resolution for Capital Projects for fiscal year 2003-04, is hereby amended by approving an appropriation of \$26,000 from the Sewer Collection System Replacement Fund (Fund 614) to complete the Sanitary Sewer Lining and Spot Repairs at Highland Area and Spring Area, Project No. 7598.

IN COUNCIL, HAYWARD, CALIFORNIA _____, 2004

ADOPTED BY THE FOLLOWING VOTE:

AYES: COUNCIL MEMBERS:
MAYOR:

NOES: COUNCIL MEMBERS:

ABSTAIN: COUNCIL MEMBERS:

ABSENT: COUNCIL MEMBERS:

ATTEST: _____
City Clerk of the City of Hayward

APPROVED AS TO FORM:

City Attorney of the City of Hayward