



CITY OF
HAYWARD
HEART OF THE BAY

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DATE: November 6, 2007
TO: Mayor and City Council
FROM: Director of Public Works
SUBJECT: West Winton/Santa Clara Intersection Improvements: Award of Contract

RECOMMENDATION

That the City Council adopts the attached resolution approving Addendum No. 1 making minor revisions to the plans and specifications, and awarding the contract for the West Winton/Santa Clara Intersection Improvements to Columbia Electric, Inc., in the amount of \$369,000.75.

BACKGROUND

The intersection of West Winton Avenue and Santa Clara Street was identified several years ago in the General Plan as an intersection that needs improvements to accommodate future traffic levels (see Exhibit A). During the evening peak hour at the West Winton Avenue/Santa Clara Street intersection, the number of eastbound turns exceeds the capacity of the existing lane. As a result, West Winton eastbound through-traffic has a tendency to get backed up. This also inhibits northbound I-880 traffic exiting at West Winton and wanting to make a left turn on to northbound Santa Clara. Additionally, there is a very short weaving distance between the off-ramp and the left turn lane. The combination of these factors results in deficient traffic operations, particularly during the evening peak hour.

On September 11, 2007, the City Council approved the plans and specifications for the West Winton/Santa Clara Intersection Improvements project and called for bids to be received on October 9, 2007. The proposed improvements will address these deficiencies and improve traffic operations.

DISCUSSION

The project adds a second eastbound left turn lane from West Winton to Santa Clara (see Exhibit B). Since the existing left turn volume exceeds the capacity of the single left turn lane, an additional left turn lane will accommodate existing and projected left turn volumes. Additionally, the second eastbound left turn lane alleviates the backing up of through traffic. The median on West Winton located west of Santa Clara will be modified to accommodate the additional left turn lane. "No-U-Turn" signs will be added in each direction of West Winton Avenue.

The project includes modification to the existing traffic signal by installing longer mast arms to enhance visibility and eliminate the need for signal equipment in the median. Traffic equipment at this median has been repeatedly knocked down at significant expense to the City.

On October 9, 2007, six bids were received ranging from \$369,000.75 to \$409,155. Columbia Electric, Inc., of San Leandro submitted the low bid in the amount of \$369,000.75, which is 0.3 percent below the Engineer's Estimate of \$370,000. Tennyson Electric, Inc., of Livermore submitted the second low bid in the amount of \$378,440, which is 2.3 percent above the Engineer's Estimate.

All bid documents and licenses are in order, and staff recommends award of contract to the low bidder, Columbia Electric, Inc.

FISCAL IMPACT

The estimated project costs are as follows:

Contract Construction	\$ 369,000
Design and Administration	60,000
Inspection and Testing	61,000
TOTAL	<u>\$ 490,000</u>

The 2007-08 Capital Improvement Program includes \$490,000 in the Transportation System Improvement Fund for this project.

SCHEDULE

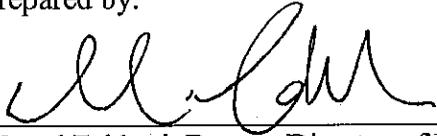
The estimate schedule for this project is as follows:

Award Contract	November 6, 2007
Begin Work	December 3, 2007
Complete Work	May 5, 2008

PUBLIC CONTACT

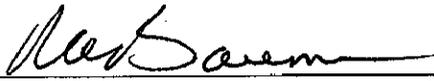
None.

Prepared by:



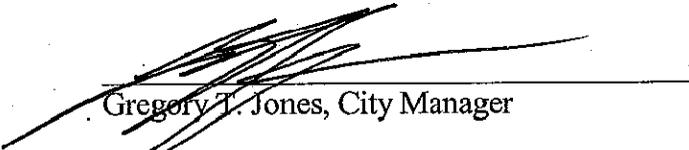
Morad Fakhrai, Deputy Director of Public Works

Recommended by:

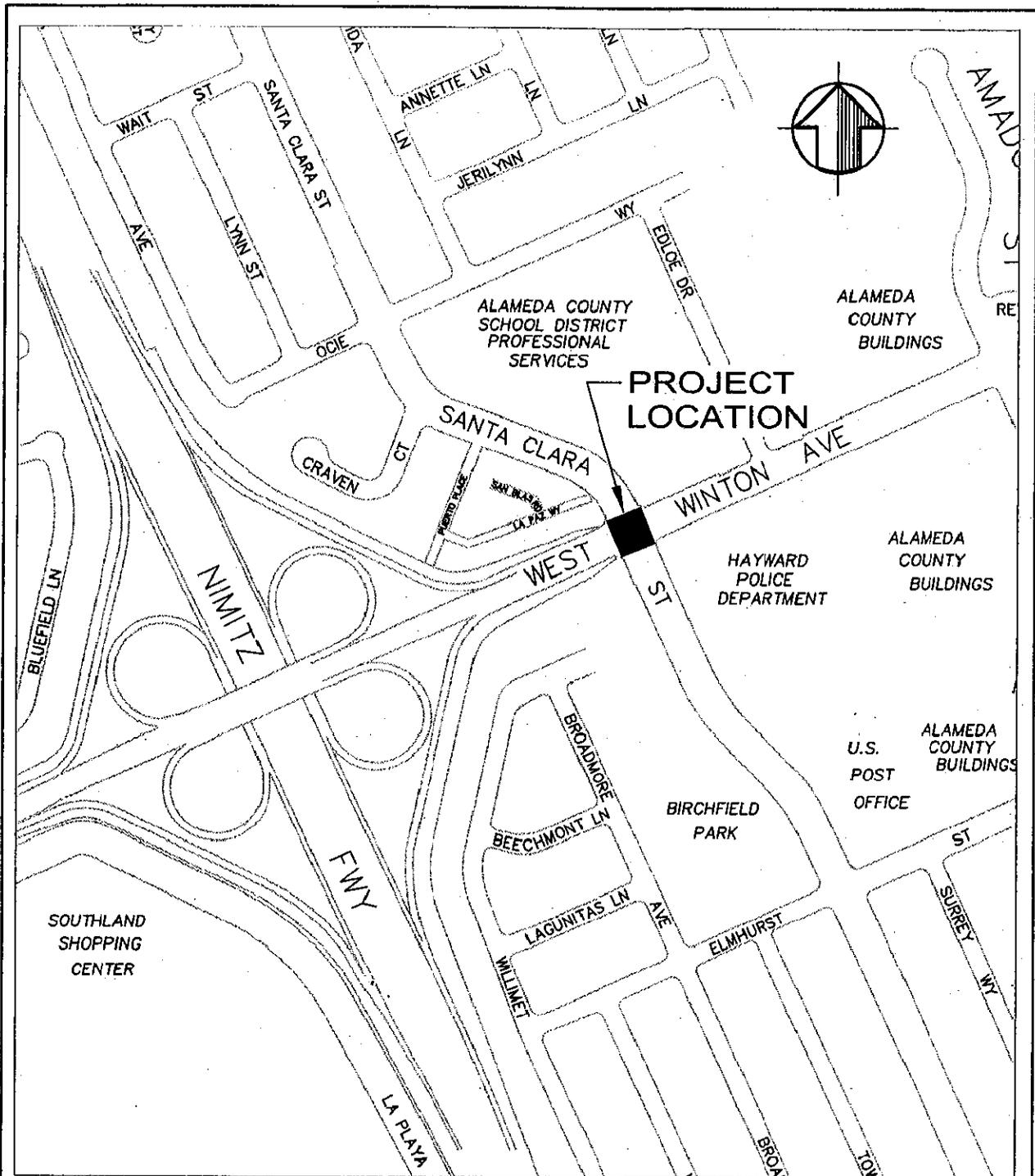


Robert A. Bauman, Director of Public Works

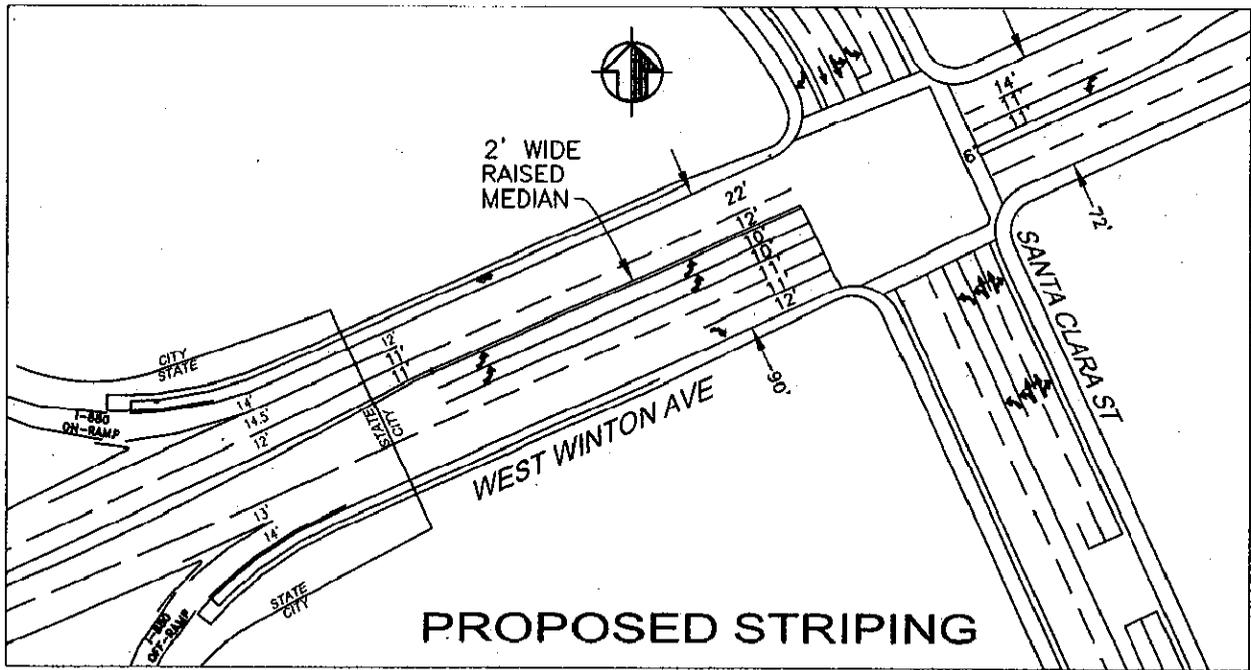
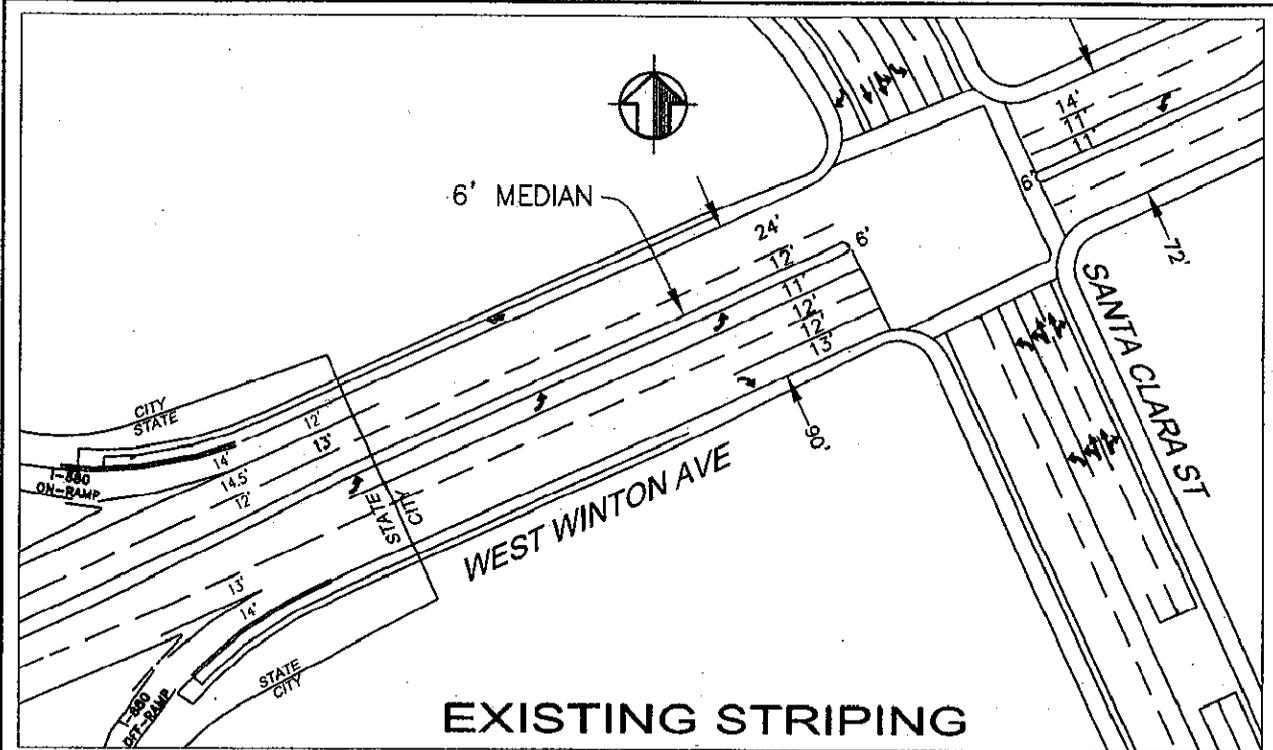
Approved by:


Gregory T. Jones, City Manager

Attachments: Exhibit A: Project Location Map
Exhibit B: Existing and Future Striping Plan
Exhibit C: Summary of Bids



LOCATION MAP
WINTON/SANTA CLARA INTERSECTION
IMPROVEMENTS
 PROJECT NO. 5756



**EXISTING AND PROPOSED STRIPING
WEST WINTON/SANTA CLARA
INTERSECTION IMPROVEMENTS
PROJECT NO. 5756**

CITY OF HAYWARD
 WEST WINTON/SANTA CLARA INTERSECTION IMPROVEMENTS
 PROJECT NO. 5756
 BIDS OPENED: SEPTEMBER 12, 2007
 (NUMBER OF BIDS RECEIVED - 6)

BID SUMMARY				ENGINEER'S ESTIMATE		Columbia Electric, Inc. 1980 Davis Street San Leandro, CA 94577 PHONE: (510) 430-9505 FAX: (510) 430-1860		Tennyson Electric 7275 National Drive Suite Livermore, CA 94550 PHONE: (925) 606-1038 FAX: (925) 606-7656		Richard A. Heaps 8909 Florin Road Sacramento, CA 95829 PHONE: (916) 386-8857 FAX: (916) 376-1354	
ITEM	QTY.	UNIT	DESCRIPTION	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
1.	1	LS	TRAFFIC CONTROL	35,000.00	35,000.00	25,000.00	25,000.00	19,750.00	19,750.00	41,930.00	41,930.00
2.	1	LS	AIR RELIEVE VALVE RELCOATION	20,000.00	20,000.00	37,153.00	37,153.00	2,500.00	2,500.00	25,286.00	25,286.00
3.	110	CY	ROADWAY EXCAVATION	60.00	6,600.00	170.00	18,700.00	200.00	22,000.00	155.00	17,050.00
4.	285	TON	ASPHALT CONCRETE	85.00	24,225.00	135.00	38,475.00	150.00	42,750.00	146.00	41,610.00
5.	1,081	LF	MINOR CONCRETE (ISLAND CURB)	30.00	32,430.00	6.50	7,026.50	27.00	29,187.00	30.00	32,430.00
6.	815	SF	MINOR CONCRETE (MEDIAN)	10.00	8,150.00	11.55	9,413.25	15.00	12,225.00	14.75	12,021.25
7.	1	EA	INSTALL R4-7 (18" X 18") SIGN	300.00	300.00	358.00	358.00	250.00	250.00	325.00	325.00
8.	2	EA	INSTALL TYPE I BARRICADES WITH R49 SIGNS	500.00	1,000.00	500.00	1,000.00	900.00	1,800.00	1,300.00	2,600.00
9.	1	LS	TRAFFIC SIGNALS, LIGHTING AND ELECTRICAL SYSTEMS	183,895.00	183,895.00	172,275.00	172,275.00	184,878.00	184,878.00	155,710.00	155,710.00
10.	16	EA	TYPE A DETECTOR LOOPS	500.00	8,000.00	400.00	6,400.00	450.00	7,200.00	696.00	11,136.00
11.	6	EA	TYPE D DETECTOR LOOPS	500.00	3,000.00	400.00	2,400.00	525.00	3,150.00	1,000.00	6,000.00
12.	1	LS	BATTERY BACK-UP SYSTEM	6,500.00	6,500.00	6,000.00	6,000.00	8,250.00	8,250.00	4,922.00	4,922.00
13.	1	LS	THERMOPLASTIC STRIPING, MARKINGS, AND PAVEMENT MARKERS	4,400.00	4,400.00	8,300.00	8,300.00	8,000.00	8,000.00	7,539.00	7,539.00
14.	1	LS	RECYCLING IMPLEMENTATION	1,500.00	1,500.00	1,500.00	1,500.00	1,500.00	1,500.00	1,000.00	1,000.00
15.	1	LS	ADMINISTRATIVE CHANGE ORDERS	35,000.00	35,000.00	35,000.00	35,000.00	35,000.00	35,000.00	35,000.00	35,000.00
			TOTAL		370,000.00		369,000.75		378,440.00		394,559.25

Exhibit C

CITY OF HAYWARD
 WEST WINTON/SANTA CLARA INTERSECTION IMPROVEMENTS
 PROJECT NO. 5756
 BIDS OPENED: SEPTEMBER 12, 2007

(NUMBER OF BIDS RECEIVED - 6)

BID SUMMARY				ENGINEER'S ESTIMATE		Redgwick Construction Company 8150 Enterprise Drive Newark, CA 94560 PHONE: (510) 792-1727 FAX: (510) 792-1728		St. Francis Electric 975 Carden Street San Leandro, CA 94577 PHONE:(510) 639-0639 FAX: (510) 639-4655		John Clay Engineering 778 Marin Avenue Hayward, CA 94541 PHONE:(510) 783-5820 FAX: (510) 783-5939	
ITEM	QTY.	UNIT	DESCRIPTION	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
1.	1	LS	TRAFFIC CONTROL	35,000.00	35,000.00	50,750.00	50,750.00	39,913.00	39,913.00	5,000.00	5,000.00
2.	1	LS	AIR RELIEVE VALVE RELCOATION	20,000.00	20,000.00	37,250.00	37,250.00	27,814.60	27,814.60	18,000.00	18,000.00
3.	110	CY	ROADWAY EXCAVATION	60.00	6,600.00	200.00	22,000.00	170.50	18,755.00	250.00	27,500.00
4.	285	TON	ASPHALT CONCRETE	85.00	24,225.00	130.00	37,050.00	160.60	45,771.00	150.00	42,750.00
5.	1,081	LF	MINOR CONCRETE (ISLAND CURB)	30.00	32,430.00	33.00	35,673.00	33.00	35,673.00	35.00	37,835.00
6.	815	SF	MINOR CONCRETE (MEDIAN)	10.00	8,150.00	17.00	13,855.00	16.23	13,227.45	18.00	14,670.00
7.	1	EA	INSTALL R4-7 (18" X 18") SIGN	300.00	300.00	325.00	325.00	357.50	357.50	500.00	500.00
8.	2	EA	INSTALL TYPE I BARRICADES WITH R49 SIGNS	500.00	1,000.00	900.00	1,800.00	852.50	1,705.00	600.00	1,200.00
9.	1	LS	TRAFFIC SIGNALS, LIGHTING AND ELECTRICAL SYSTEMS	183,895.00	183,895.00	135,150.00	135,150.00	161,426.47	161,426.47	194,000.00	194,000.00
10.	16	EA	TYPE A DETECTOR LOOPS	500.00	8,000.00	800.00	12,800.00	320.00	5,120.00	500.00	8,000.00
11.	6	EA	TYPE D DETECTOR LOOPS	500.00	3,000.00	1,000.00	6,000.00	360.00	2,160.00	500.00	3,000.00
12.	1	LS	BATTERY BACK-UP SYSTEM	6,500.00	6,500.00	5,000.00	5,000.00	5,500.00	5,500.00	7,200.00	7,200.00
13.	1	LS	THERMOPLASTIC STRIPING, MARKINGS, AND PAVEMENT MARKERS	4,400.00	4,400.00	5,000.00	5,000.00	8,292.90	8,292.90	14,000.00	14,000.00
14.	1	LS	RECYCLING IMPLEMENTATION	1,500.00	1,500.00	100.00	100.00	1,500.00	1,500.00	500.00	500.00
15.	1	LS	ADMINISTRATIVE CHANGE ORDERS	35,000.00	35,000.00	35,000.00	35,000.00	35,000.00	35,000.00	35,000.00	35,000.00
TOTAL					370,000.00		397,753.00		402,215.92		409,155.00

Exhibit C

DRAFT

*WJH
10/29/07*

HAYWARD CITY COUNCIL

RESOLUTION NO. 07

Introduced by Council Member _____

RESOLUTION APPROVING ADDENDUM NO. 1 AND
AWARDING THE CONTRACT TO COLUMBIA ELECTRIC,
INC. FOR THE WEST WINTON/SANTA CLARA
INTERSECTION IMPROVEMENTS PROJECT, PROJECT NO.
5756

WHEREAS, on September 11, 2007, the City Council approved the plans and specifications for the West Winton/Santa Clara Intersection Improvements Project, Project No. 5756, and called for bids to be received on October 9, 2007; and

WHEREAS, addendum No. 1 was added to make minor revisions to the plans and specifications; and

WHEREAS, on October 9, 2007, six bids were received in amounts ranging from \$369,000.75 to \$409,155; Columbia Electric, Inc., of San Leandro submitted the low bid in the amount of 369,000.75, which is approximately 0.3 percent below the Engineer's Estimate of \$370,000.

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Hayward that Addendum No. 1 is hereby approved and added as a part of the plans and specifications.

BE IT FURTHER RESOLVED that Columbia Electric, Inc., is hereby awarded the contract for the West Winton/Santa Clara Intersection Improvements Project, Project No. 5756, 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 Columbia Electric, Inc., in the name of and for and on behalf of the City of Hayward, in an amount not to exceed \$369,000.75, in a form to be approved by the City Attorney.

