



CITY OF HAYWARD
AGENDA REPORT

AGENDA DATE 03/02/99
AGENDA ITEM 2
WORK SESSION ITEM _____

TO: Mayor and City Council
FROM: Director of Public Works
SUBJECT: Emergency Water Supply Well Drilling at Old Well No. 9 Site: Approve Addenda and Award of Contract

RECOMMENDATION:

It is recommended that the City Council approve the attached resolution that:

1. Approves Addenda Nos. 1 and 2, which provides for minor revisions to the specifications; and
2. Awards the contract to Maggiora Bros. Drilling, Inc., of Watsonville, California, in the amount of \$157,401.

BACKGROUND:

The Emergency Water Supply Well Program consists of five deep wells. The first three wells and pump stations have been constructed at the Police Station, at the Hesperian/Industrial utility site, and adjacent to the Pepsi bottling plant and are in operation. The fourth well and pump station at the Airport are near completion. Each well project is separated into a well drilling phase and a pump station construction phase.

This contract, which is for the drilling phase of the fifth well at the old Well No. 9 site at 28251 Industrial Boulevard, includes the production well drilling, installing steel casing, perforated sections and gravel envelope, well development and various testing.

On January 12, 1999, the City Council approved the plans and specifications and called for bids to be received on February 9, 1999. During the bidding period, Addendum No. 1 was issued to adjust the gravel size due to changes at its source and to add requirements for safer water discharge to the adjacent flood channel. Addendum No. 2 was issued to add the recent legislative requirement to increase the labor and material bond amount to 100 percent of contract amount.

On February 9, 1999, five bids were received ranging from \$157,401 to \$174,638. Maggiora Bros. Drilling, Inc. of Watsonville submitted the low bid in the amount of \$157,401, which is 10 percent lower than the Engineer's estimate of \$175,034.

A combined goal of 3 percent Disadvantaged Business Enterprises (DBE) and Women Owned Business Enterprises (WBE) participation has been established for this project. The low bidder obtained zero percent participation of the goal. Review of the low bidder's good faith effort found that the low bidder had attended the pre-bid conference, selected specific items of the project that could be performed by DBEs/WBEs, and advertised in the Daily Construction Service. Letters were sent to 23 certified DBEs/WBEs in the Hayward area, phone calls were made to manufacturers and suppliers soliciting qualified DBE/WBE distributors and/or suppliers, and all other procedures called for by the specifications were followed. Only two DBE/WBE firms responded to the low bidder's advertisement/letters, but they could not perform the selected work. Although the low bidder did not obtain the City's goal, a good faith effort was made in accordance with the project specifications, and staff recommends that the City Council award the contract to the low bidder.

PROJECT COST:

The estimated costs for the drilling phase of the well are as follows:

Construction Cost (this action)	\$157,401
Test Hole Drilling (complete)	20,355
Consultant Design & Construction Support Service	65,500
City Crews Construction Work	15,000
City Administration, Inspection, and Survey	54,744
<i>Total Drilling Phase Cost</i>	<u>\$313,000</u>

FUNDING:

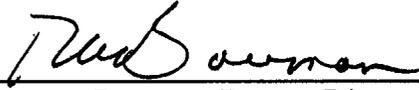
Since the estimated cost of the well pump station is \$988,000; and the estimated cost to abandon old Well No. 9 is \$69,000, the total estimated cost for the well, pump station, and Old Well No.9 Abandonment is \$1,370,000. A total of \$1,370,000 has been approved for this project in the Water Improvement Fund of the 1998/99 Capital Improvement Program budget.

SCHEDULE:

The schedule for the drilling phase of the well is as follows:

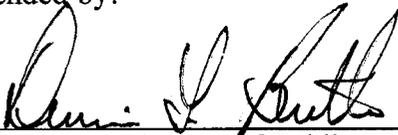
Award Contract	March 2, 1999
Begin Drilling Phase	April 12, 1999
Complete Work	June 23, 1999

Prepared by:



Robert A. Bauman, Deputy Director of Public Works

Recommended by:



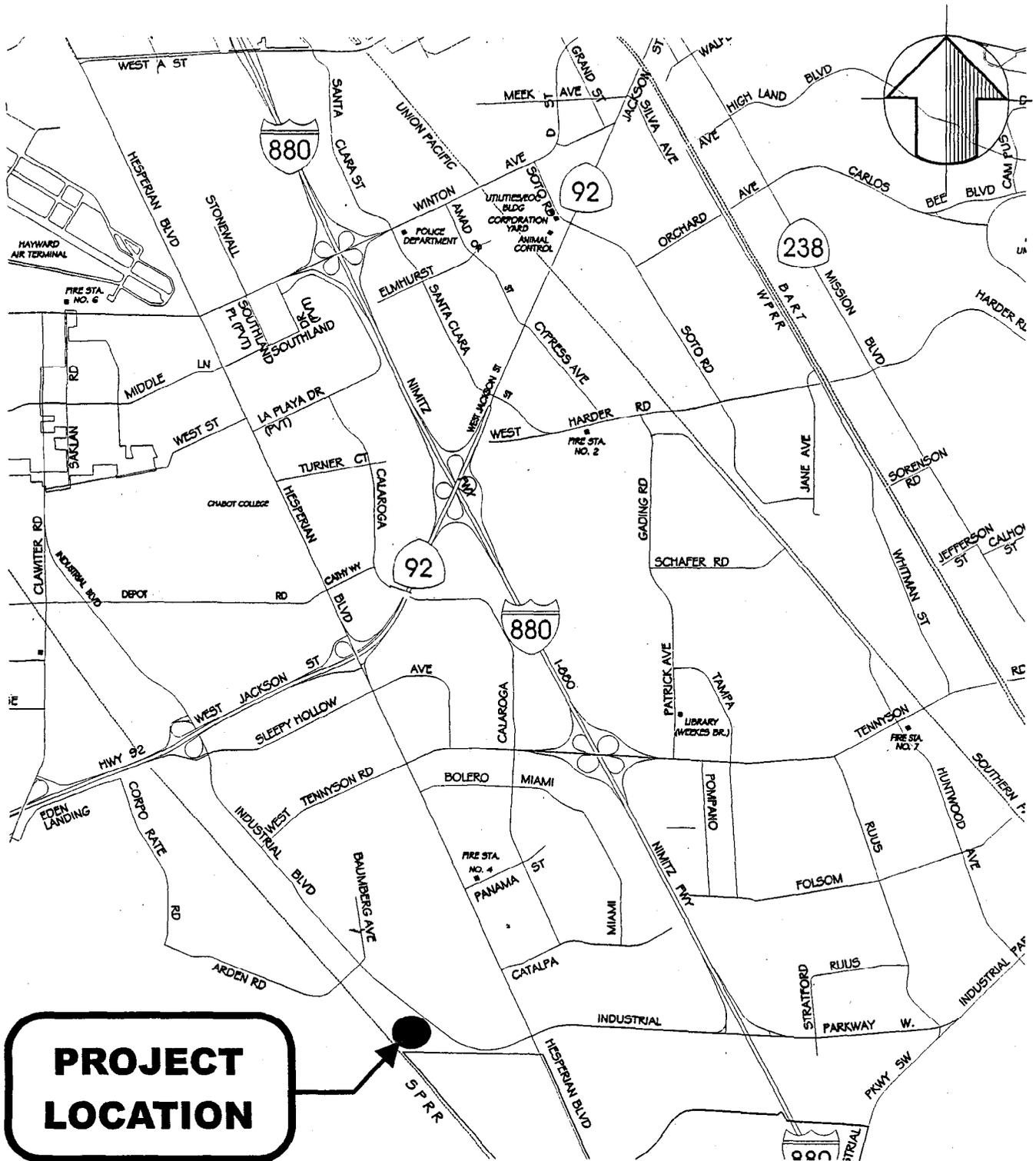
Dennis L. Butler, Director of Public Works

Approved by:



Jesús Armas, City Manager

Attachments: Exhibit A: Location Map
Exhibit B: Bid Summary
Exhibit C: Resolution



LOCATION MAP

EMERGENCY WATER SUPPLY WELL "E"

AT OLD WELL #9 SITE

PROJECT NO. 7110

Exhibit A

CITY OF HAYWARD
 EMERGENCY WATER SUPPLY WELL E
 PROJECT NO. 7110
 BIDS OPENED: TUESDAY, FEBRUARY 9, 1999

(NUMBER OF BIDS RECEIVED - 5)

BID SUMMARY			ENGINEER'S ESTIMATE		BEYLIK DRILLING INC. 555 SOUTH HARBOR BLVD LA HABRA CA 90631 (562) 691-0903		HUMBOLDT DRILLING & PUMP CO INC. 4675 W. WINNEMUCCA BLVD WINNEMUCCA NV 89445 (775) 623-5259		
ITEM	QUANTITY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	
1	1	LS	MOBILIZATION	23,000.00	23,000.00	24,972.00	24,972.00	20,383.00	20,383.00
2	20	FT	CONDUCTOR CASING	250.00	5,000.00	300.00	6,000.00	180.00	3,600.00
3	525	FT	PRODUCTION BOREHOLE	75.00	39,375.00	52.00	27,300.00	47.00	24,675.00
4	492	FT	18" ALLOY STEEL CASING	75.00	36,900.00	57.00	28,044.00	96.00	47,232.00
5	45	FT	18" SS WIRE WRAPPED SCREEN	210.00	9,450.00	140.00	6,300.00	164.30	7,393.50
6	462	FT	2" SOUNDING PIPE	7.00	3,234.00	7.00	3,234.00	3.60	1,663.20
7	195	FT	GRAVEL ENVELOPE	30.00	5,850.00	76.00	14,820.00	80.50	15,697.50
8	350	FT	ANNULAR SEAL	30.00	10,500.00	30.00	10,500.00	26.50	9,275.00
9	1	LS	WELL DEVELOPMENT	15,000.00	15,000.00	22,400.00	22,400.00	16,000.00	16,000.00
10	21.5	HOUR	WELL & AQUIFER TESTING	150.00	3,225.00	120.00	2,580.00	125.00	2,687.50
11	1	LS	PLUMBNESS & ALIGNMENT TESTING	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00
12	1	LS	DISINFECTION	1,000.00	1,000.00	1,000.00	1,000.00	750.00	750.00
13	10	HOUR	STANDBY (\$250.00 MAXIMUM)	250.00	2,500.00	125.00	1,250.00	185.00	1,850.00
14	1	LS	DRILLING PIT RESTORATION	2,000.00	2,000.00	100.00	100.00	1,000.00	1,000.00
15	1	LS	SITE CLEAN-UP AND RECORDS	2,000.00	2,000.00	2,500.00	2,500.00	1,800.00	1,800.00
16	1	LS	ADMINISTRATIVE CHANGE ORDER	15,000.00	15,000.00	15,000.00	15,000.00	15,000.00	15,000.00
					175,034.00		167,000.00		170,006.70

CITY OF HAYWARD
 EMERGENCY WATER SUPPLY WELL E
 PROJECT NO. 7110
 BIDS OPENED: TUESDAY, FEBRUARY 9, 1999

(NUMBER OF BIDS RECEIVED - 5)

BID SUMMARY			ENGINEER'S ESTIMATE		NOR-CAL PUMP & WELL SERVICE 1104 OSWALD ROAD YUBA CITY CA 95991 (530) 674-5861		
ITEM	QUANTITY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	
1	1	LS	MOBILIZATION	23,000.00	23,000.00	20,250.00	20,250.00
2	20	FT	CONDUCTOR CASING	250.00	5,000.00	350.00	7,000.00
3	525	FT	PRODUCTION BOREHOLE	75.00	39,375.00	50.00	26,250.00
4	492	FT	18" ALLOY STEEL CASING	75.00	36,900.00	72.00	35,424.00
5	45	FT	18" SS WIRE WRAPPED SCREEN	210.00	9,450.00	127.00	5,715.00
6	462	FT	2" SOUNDING PIPE	7.00	3,234.00	2.00	924.00
7	195	FT	GRAVEL ENVELOPE	30.00	5,850.00	40.00	7,800.00
8	350	FT	ANNULAR SEAL	30.00	10,500.00	70.00	24,500.00
9	1	LS	WELL DEVELOPMENT	15,000.00	15,000.00	15,000.00	15,000.00
10	21.5	HOUR	WELL & AQUIFER TESTING	150.00	3,225.00	350.00	7,525.00
11	1	LS	PLUMBNESS & ALIGNMENT TESTING	1,000.00	1,000.00	2,000.00	2,000.00
12	1	LS	DISINFECTION	1,000.00	1,000.00	2,000.00	2,000.00
13	10	HOUR	STANDBY (\$250.00 MAXIMUM)	250.00	2,500.00	125.00	1,250.00
14	1	LS	DRILLING PIT RESTORATION	2,000.00	2,000.00	2,000.00	2,000.00
15	1	LS	SITE CLEAN-UP AND RECORDS	2,000.00	2,000.00	2,000.00	2,000.00
16	1	LS	ADMINISTRATIVE CHANGE ORDER	15,000.00	15,000.00	15,000.00	15,000.00
					175,034.00		174,638.00

DRAFT

DM 2-23-99

HAYWARD CITY COUNCIL

RESOLUTION NO. _____

Introduced by Council Member _____

RESOLUTION APPROVING ADDENDA NO. 1 AND NO. 2
FOR THE EMERGENCY WATER WELL SUPPLY WELL
DRILLING AT OLD WELL NO. 9, PROJECT NO. 7110 AND
AWARDING CONTRACT TO MAGGIORA BROS.
DRILLING, INC.

WHEREAS, on January 12, 1999, the City Council approved the plans and specifications for the Emergency Water Well Supply Well Drilling at Old Well No., 9 Project No. 7110, and called for bids to be received on February 9, 1999; and

WHEREAS, Addendum No. 1 was issued to adjust the gravel size due to changes at its source and to add requirements for safer water discharge to the adjacent flood channel and Addendum No. 2 was issued to add the recent legislative requirement to increase the labor and material bond amount to 100 percent of contract amount.

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Hayward that Addenda No. 1 and No. 2 are hereby approved and adopted as part of the plans and specifications for the project.

BE IT FURTHER RESOLVED that Maggiora Bros. Drilling, Inc. of Watsonville, California is hereby awarded the contract for the Emergency Water Well Supply Well Drilling at Old Well No. 9, Project No. 7110, 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 an agreement for the award of the contract on behalf of the City of Hayward, in an amount not to exceed \$157,401 in a form to be approved by the City Attorney.

ABSTAIN:

ABSENT:

ATTEST: _____
City Clerk of the City of Hayward

APPROVED AS TO FORM:

City Attorney of the City of Hayward