

CITY OF HAYWARD
AGENDA REPORT

AGENDA DATE 09/10/02

AGENDA ITEM 6

WORK SESSION ITEM _____

TO: Mayor and City Council

FROM: Director of Public Works

SUBJECT: North Walpert Reservoir Intertie and Seismic Upgrade: Approval of Addenda No. 1 and No. 2, Award of Construction Contract, and Authorization for Additional Appropriation from the Water Capital Improvement Fund

RECOMMENDATION:

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

1. Approve Addenda No. 1 and No. 2, that make various revisions to the plans and specifications;
2. Award the construction contract to John Clay Engineering of Hayward, in the amount of \$589,368; and
3. Authorize an additional appropriation of \$150,000 from the Water System Capital Improvement Fund.

BACKGROUND:

The North Walpert Reservoir, located adjacent to the South Walpert Reservoir and the Walpert Booster Pump Station, is an important component of the City's water delivery and storage capacity, both for the lower elevations and for providing feed water to the Highland Reservoir Chain.

This project will connect the North Walpert Reservoir to the Walpert Booster Pump Station and provide needed seismic improvements to the North Walpert Reservoir roof. The Walpert Booster Pumps will be able to draw water from either the North or the South reservoirs or both, providing an additional water source that can be fed into the Highland Reservoir Chain during an emergency. This project will also convert the North Walpert Reservoir to a flow-through storage tank, thus allowing quicker turnover of water, which should result in improved water quality. During construction of the pump station, provision was made to connect the North Walpert Reservoir to the booster pumps.

On June 25, 2002, the City Council approved the plans and specifications for the subject project and called for bids to be received on August 6, 2002. Five bids were received ranging from the low bid submitted by John Clay Engineering of \$589,368 to the high of \$710,000. The engineer's estimate for the project was \$440,000, some \$150,000 less than the low bid and \$166,000 less than the second low bid. It has been determined that the differential between submitted bids and the engineer's estimate resulted from additional work identified during bidding (replace roof, remove peripheral vent screening) and for under estimated work related to the seismic upgrade design. The addendum identified significant roofing work, which was not evaluated in the final estimate. Also, the designer concluded that his estimate did not adequately address the difficulty in gaining access inside the tank. Staff concurs that the bid prices are reasonable for the work to be done.

The connection and seismic work is categorically exempt from environmental review under the California Environmental Quality Act (CEQA). The Public Resources Code states that CEQA does not apply to existing facilities of publicly owned utilities used to provide public utility services, involving maintenance, repair, or minor alteration.

Staff established a combined goal of 5 percent for Disadvantaged Business Enterprise (DBE) and Women Owned Business Enterprise (WBE) participation for this project. The combined goal is limited due to lack of available subcontracting opportunities. John Clay Engineering has listed DBE and WBE participation of 6.9 percent in its proposal. Therefore, staff recommends award of contract to the low bidder, John Clay Engineering.

Project Cost:

The estimated costs of the project are as follows:

Design and Administration	\$100,000
Construction	589,368
Construction Administration and Inspection	<u>35,000</u>
Total:	\$724,368

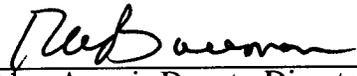
Funding:

The 2002-03 Capital Improvement Program includes \$575,000 in the Water System Capital Improvement Fund for this work. An additional appropriation of \$150,000 is necessary and sufficient monies are available in the Fund balance.

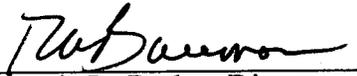
Schedule:

Award Construction Contract	September 10, 2002
Begin Construction	October 11, 2002
Complete Construction	March 31, 2003

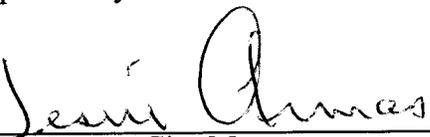
Prepared by:

For 
Alex Ameri, Deputy Director of Public Works

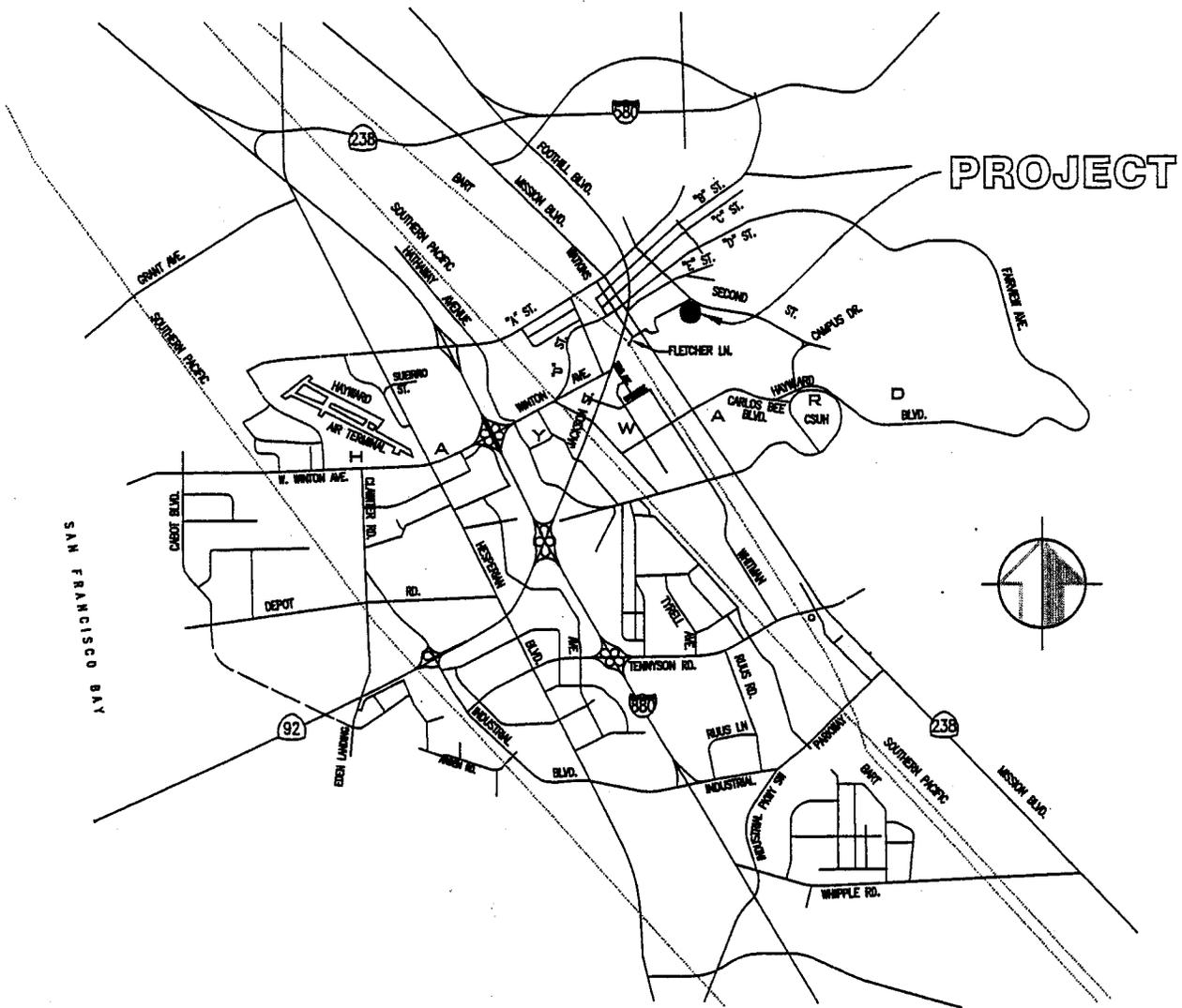
Recommended by:


Dennis L. Butler, Director of Public Works

Approved by:


Jesus Armas, City Manager

Attachments: Exhibit A: Project Location Map



PROJECT

EXHIBIT A
PROJECT LOCATION MAP

DRAFT

HAYWARD CITY COUNCIL

RESOLUTION NO. _____

Introduced by Council Member _____

RESOLUTION APPROVING ADDENDA NO. 1 AND NO. 2
FOR THE NORTH WALPERT RESERVOIR INTERTIE AND
SEISMIC UPGRADE PROJECT NOS. 7149 AND 7150 AND
AWARDING CONSTRUCTION CONTRACT TO JOHN CLAY
ENGINEERING

WHEREAS, on June 25, 2002, the City Council approved the plans and specifications for the North Walpert Reservoir Intertie and Seismic Upgrade Project Nos. 7149 and 7150, and called for bids to be received on August 6, 2002; and

WHEREAS, Addendum No. 1 identified significant roofing work, and Addendum No. 2 addressed difficulty gaining access inside the tanks.

NOW THEREFORE, BE IT RESOLVED by the City Council of the City of Hayward that Addenda 1 and 2 are hereby approved and adopted as part of the plans and specifications for the project.

BE IT FURTHER RESOLVED that John Clay Engineering is hereby awarded the contract for the North Walpert Reservoir Intertie and Seismic Upgrade Project, Project Nos. 7149 and 7150, 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 \$589,368, in a form to be approved by the City Attorney.

IN COUNCIL, HAYWARD, CALIFORNIA _____, 2002

ADOPTED BY THE FOLLOWING VOTE:

AYES: CITY COUNCIL:
MAYOR:

NOES: CITY COUNCIL:

ABSTAIN: CITY COUNCIL:

ABSENT: CITY COUNCIL:

ATTEST: _____
City Clerk of the City of Hayward

APPROVED AS TO FORM:

City Attorney of the City of Hayward

DRAFT 

HAYWARD CITY COUNCIL

RESOLUTION NO. _____

Introduced by Council Member _____

RESOLUTION AMENDING RESOLUTION 02-087, AS AMENDED, THE BUDGET RESOLUTION FOR CAPITAL IMPROVEMENT PROJECTS FOR FISCAL YEAR 2001-02, RELATING TO AN APPROPRIATION OF FUNDS FOR THE NORTH WALPERT RESERVOIR INTERTIE AND SEISMIC UPGRADE PROJECT, PROJECT NOS. 7149 AND 7150

BE IT RESOLVED by the City Council of the City of Hayward that Resolution No. 02-087, as amended, the Budget Resolution for Capital Projects for fiscal year 2001-02, is hereby amended by approving an appropriation of \$150,000 from the Water System Capital Improvement Fund (Fund 622) to the North Walpert Reservoir Intertie and Seismic Upgrade Project, Project Nos. 7149 and 7150.

IN COUNCIL, HAYWARD, CALIFORNIA _____, 2002

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