



REPORT TO COUNCIL

City of Sacramento

18

915 I Street, Sacramento, CA 95814-2604
www.CityofSacramento.org

Consent
July 21, 2009

Honorable Mayor and
Members of the City Council

Title: Contract Award: 12th and 13th Street Water Transmission Main Project – H Street to Q Street (Z14003800)

Location/Council District: 12th and 13th Street from H Street to Q Street / Council Districts 1, 3 and 4

Recommendation: Adopt a Resolution: 1) approving the contract plans and specifications for the 12th and 13th Street Water Transmission Main Project (Z14003800); and 2) awarding the contract to Navajo Pipeline Inc. for an amount not-to-exceed \$ 2,091,073.

Contact: David L. Brent, Engineering Manager, 808-1420; Dan Sherry, Supervising Engineer

Presenters: Not Applicable

Department: Utilities

Division: Engineering Services

Organization No: 14001321

Description/Analysis

Issue: In order to provide a safe and reliable water supply, the Department of Utilities has an ongoing program to replace old riveted steel water transmission mains installed in the downtown section of the City. The 12th and 13th Street Water Transmission Main Project is part of this program and replaces a 20 inch and 24 inch diameter riveted steel water main installed in 1915 that is located in 12th Street from H Street to Q Street. This water main is a critical component of the City's downtown water distribution system

Policy Considerations: The requested action is in conformance with City Code Section 3.60, Articles I and III, which provide for the award of competitively bid contracts to the lowest responsible bidder.

This report's recommendation is consistent with the City's Strategic Plan Goals of enhancing and preserving the neighborhoods and supporting the economic vitality of the area.

Environmental Considerations:

California Environmental Quality Act: The Development Services Department, Environmental Planning Services Division, has reviewed the proposed project and determined that it is categorically exempt from the provisions of CEQA (the California Environmental Quality Act) under Class 1, Section number 15301(b), Class 2, Section number 15302(c) and Class 4, Section number 15304(f).

Projects exempted under Class 1, Section number 15301(b) consists of minor alterations to existing utility facilities. Projects exempted under Class 2, Section number 15302(c) consists of the replacement or reconstruction of existing utility systems and/or facilities. Projects exempted under Class 4, section number 15304(f) consists of minor trenching or backfilling where the surface is restored. A Notice of Categorical Exemption will be filed with the County Clerk after City Council award of the Project.

Sustainability Considerations: This project is consistent with the City's Sustainability Master Plan by providing a safe and reliable water supply to the residents.

Other: Not applicable

Commission/Committee Action: Not applicable

Rationale for Recommendation: After the plans and specifications were completed by the Department of Utilities, Engineering Services, the project was formally advertised to solicit bids on May 15, 2009. On June 16, 2009, the City Clerk opened 9 bids. The low responsive bidder was Navajo Pipeline, Inc. Staff recommends the contract be awarded to Navajo Pipeline, Inc.

Financial Considerations: This report recommends awarding the construction contract to Navajo Pipeline Inc. for the bid amount not to exceed \$2,091,073. The total estimated project cost including design, construction, inspection and contingency is \$2,820,000. There is sufficient Water funding in the 12th and 13th Street Water Transmission Main Project (PN:Z14003800, fund 6005) to complete the project.

Emerging Small Business Development (ESBD): This project included a participation goal of 20% for emerging and small business enterprises (ESBEs) as required by Ordinance 99-007 and Resolution 99-055, relating to ESBD participation

goals and policies, adopted by the City Council on February 9, 1999. Navajo Pipeline Inc. is a certified ESD, therefore, the participation goal is exceeded for this project.

Respectfully Submitted by: 
David L. Brent
Engineering Manager

Approved by: 
Marty Hanneman
ACM/Director of Utilities

Recommendation Approved:

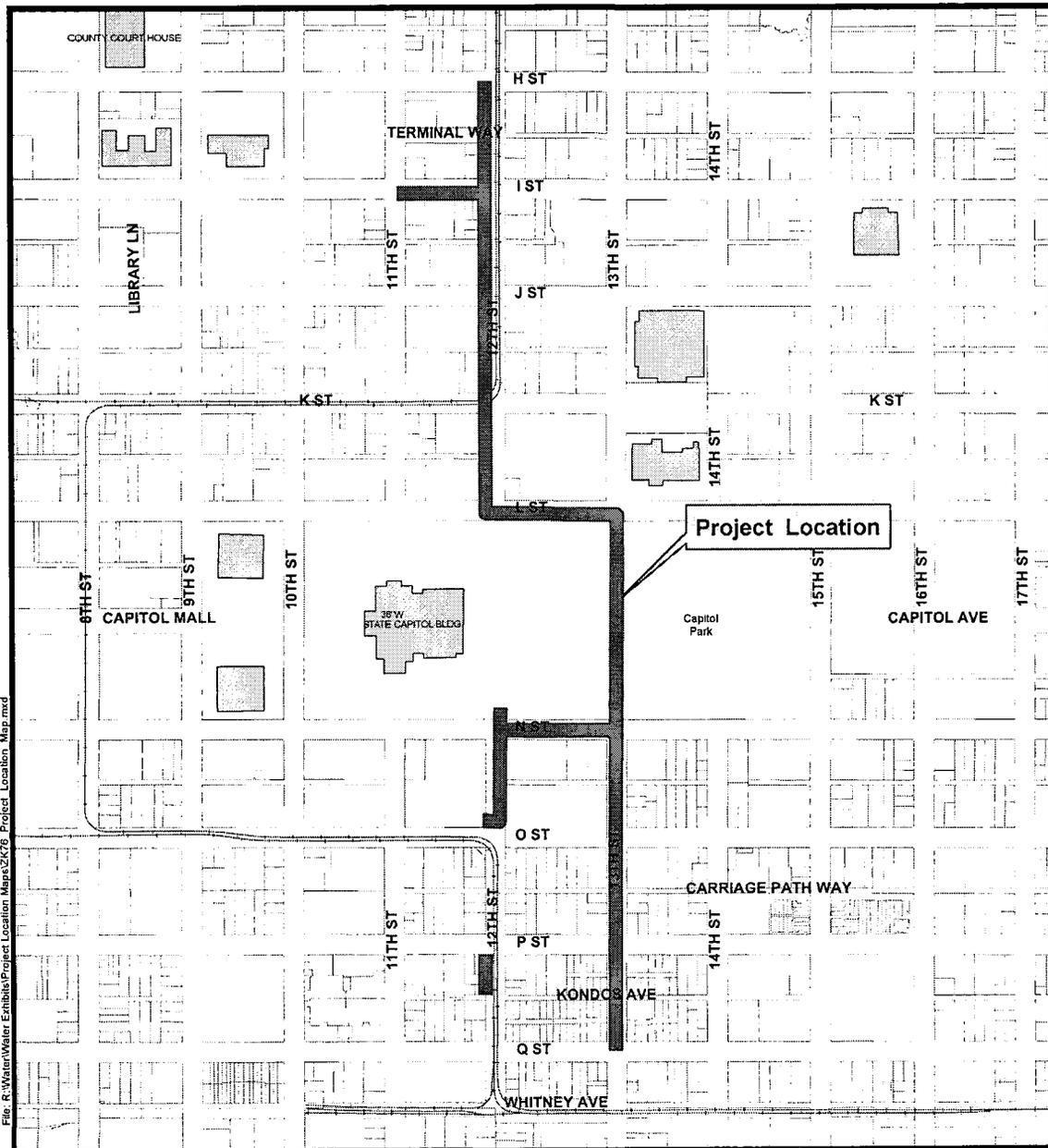

Ray Kerridge
City Manager

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LOCATION MAP

12th and 13th Street Water Transmission Main Project - H Street to Q Street (PN:Z14003800)



File: R:\Water\Water Exhibits\Project Location Maps\CK76 Project Location Map.mxd



Map Prepared By
City of Sacramento
Department of Utilities



Attachment 2

BACKGROUND

The project purpose is to help ensure a reliable water supply system and reduce the potential for water main breaks. At one time the downtown area had approximately 63,300 feet of riveted steel water transmission main installed between the period 1870 and 1950. These large mains are considered some of the most critical components of the City's water distribution system and are essential in providing the proper water supply to the residents and businesses. In 1998 the old riveted steel main along Q Street between 27th and 28th Streets broke and caused property damage resulting in numerous claims against the City.

To date, the Department of Utilities has replaced approximately 37,300 feet of the riveted steel main through capital improvement projects. When replacing these old riveted steel water mains, City Staff examined and documented the condition of the existing steel pipe removed. Many sections of the steel pipe were found to have severe corrosion with some holes completely through the pipe.

This project will replace approximately 4,000 feet of riveted steel main.

The 20 inch and 24 inch diameter pipeline being replaced with this project is part of the City's downtown water transmission backbone. This existing main, constructed in 1915, is located in 12th Street from H to Q Streets. The new 24 inch diameter water main follows the existing alignment in 12th Street from H Street to Q Street, then along L Street from 12th to 13th then down 13th Street from L Street to N Street.

This project also installs smaller distribution main that will supply water to services and fire hydrants currently fed from sections of the existing water transmission main being abandoned.

Because this is a large project being constructed in a busy section of Downtown Sacramento, the department has developed an extensive public outreach plan to notify and communicate with the community affected and solicit comments. The outreach includes presentations to various focus groups, community meetings, disseminating information on the City's web page, and through mailers and the media.

The project was formally advertised to solicit bids on May 15, 2009. On June 16, 2009, the City Clerk opened 9 bids. The low bidder is T&S construction Co. but their bid was withdrawn because of a mathematical error. That makes the second low bidder, Navajo Pipeline, Inc., the lowest responsive bidder.

12th and 13th Street Water Transmission Water Main Project (Z14003800) July 21, 2009

The bids are summarized below:

	Bidder	Bid Amount	ESBD Percent Participation
1	T&S Construction Co *	\$1,441,211.80	20.816%
2	Navajo Pipeline Inc.	\$2,091,073.00	99.426%
3	Ranger Pipelines	\$2,113,172.26	23.519%
4	Civil Engineering Construction, Inc	\$2,273,583.00	99.560%
5	Argonaut Construction	\$2,329,328.40	20.392%
6	Marques Pipeline	\$2,375,944.00	21.044%
7	Tidelands Construction	\$2,378,424.00	19.730%
8	McGuire Hester	\$2,589,582.00	21.258%
9	Teichert Construction	\$3,075,900.00	21.134%

* T&S Construction Co. withdrew bid due to a mathematical error.

The Engineer's estimate for the construction cost was \$ 2,400,000 .

RESOLUTION NO.

Adopted by the Sacramento City Council

July 21, 2009

12TH AND 13TH STREET WATER TRANSMISSION MAIN PROJECT – H STREET TO Q STREET (Z14003800)

BACKGROUND

- A. The 12th and 13th Street Water Transmission Main Project (Z14003800) replaces an old deteriorated pipeline constructed in 1915. Replacement of this key component to the water system, will help ensure a safe and reliable water supply.
- B. City staff prepared a set of plans and specifications for the project and the project was advertised for bidding, with bids received on June 16, 2009.
- C. Navajo Pipeline Inc. was the lowest responsible bidder.

BASED ON THE FACTS SET FORTH IN THE BACKGROUND, THE CITY COUNCIL RESOLVES AS FOLLOWS:

Section 1: The contract plans and specifications for the 12th and 13th Street Water Transmission Main Project – H Street to Q Street are approved, and the contract is awarded to Navajo Pipeline Inc. for an amount not to exceed \$2,093,073.