



REPORT TO COUNCIL

City of Sacramento

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

Consent
September 8, 2009

Honorable Mayor and
Members of the City Council

Title: Contract: 6th Street Water Transmission Main Project between I & Q (Z14004400)

Location/Council District: 6th Street between I and Q / Council District 1

Recommendation: Adopt a **Resolution:** 1) approving the contract plans and specifications for the project; and 2) awarding the contract to Martin General Engineering Inc., for an amount not-to-exceed \$880,825.

Contact: David L. Brent, Engineering Services Manager, 808-1420; Dan Sherry, Supervising Engineer, 808-1419

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 6th Street Water Transmission Main Project between I & Q is part of this program. This contract will replace a 24 inch diameter riveted steel water main installed in 1903 that 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: Community Development Department, Environmental Planning Services Division staff 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 15301(b), Class 2, Section 15302(c), and Class 4, Section 15304(f).

Projects exempted under Section 15301(b) include minor alterations to existing utility facilities. Projects exempted under Section 15302(c) include replacement or reconstruction of existing utility systems and/or facilities. Projects exempted under Section 15304(f) include 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 July 24, 2009. On August 19, 2009, the City Clerk opened nine (9) bids. The lowest responsive bidder was Martin General Engineering, Inc. Staff recommends the contract be awarded to Martin General Engineering, Inc.

Financial Considerations: The total estimated project cost including design, construction, inspection, and contingency is \$1,320,000. There is sufficient funding in the 6th Street Water Transmission Main Project (PN: Z14004400, 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. Martin General Engineering, Inc., a City certified SBE contractor, exceeded the goal with approximately 95.5% participation planned.

Respectfully Submitted by: 
David L. Brent
Engineering Services Manager

Approved by: 
Marty Hanneman
Director of Utilities

Recommendation Approved:


Ray Kerridge
City Manager

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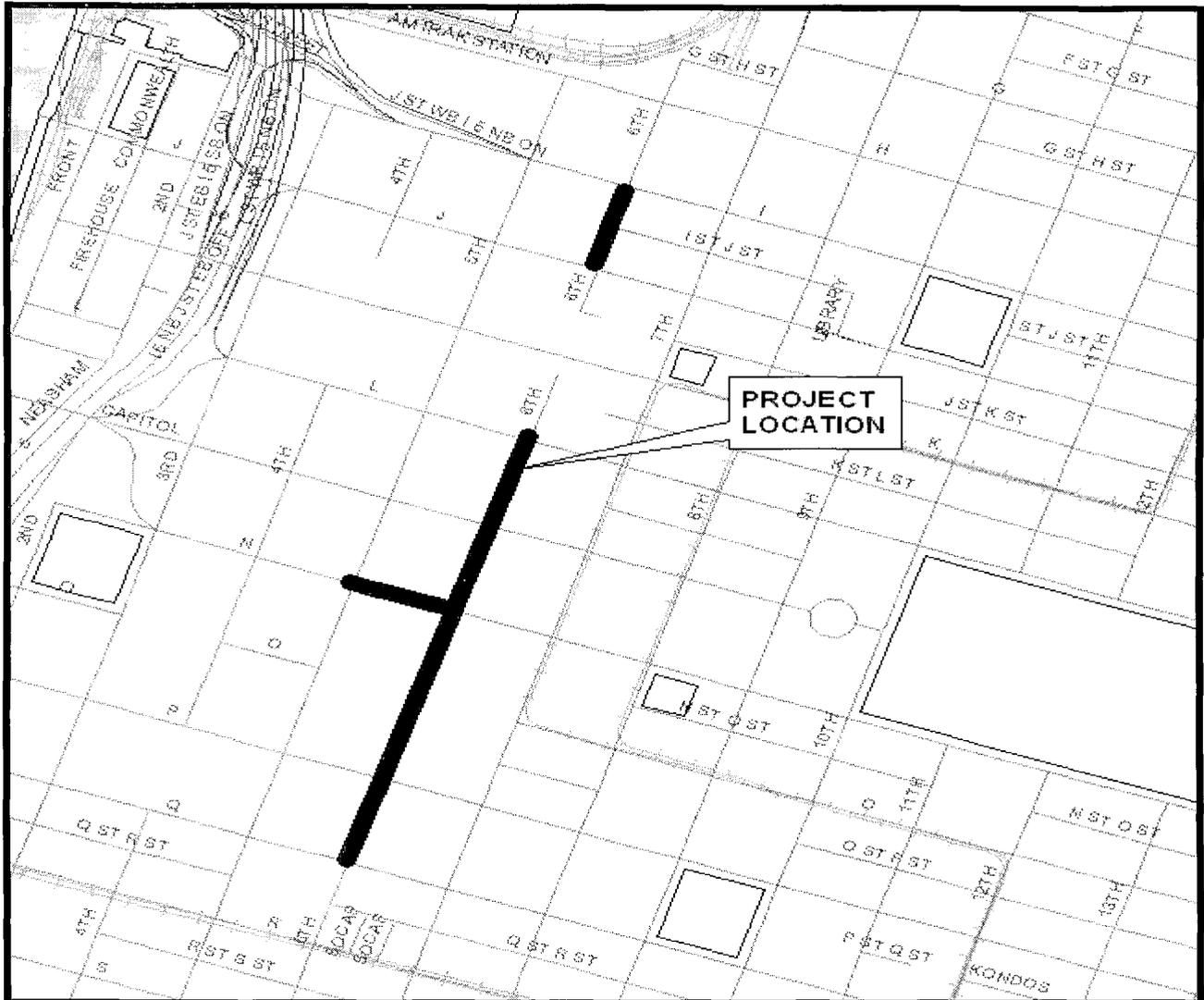
Attachments

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Attachment 1

LOCATION MAP

6TH STREET WATER TRANSMISSION
MAIN PROJECT BETWEEN I & Q
(PN: Z14004400)



Map Prepared By
City of Sacramento
Department of Utilities



Attachment 2**BACKGROUND**

This project is intended to help ensure a reliable water supply system and reduce the potential for water main breaks. It involves replacement of almost 2,500 feet of old 24-inch diameter riveted steel main constructed in 1903.

Work includes open trenched 24-inch diameter replacement pipe in the 'I to J' and 'L to Capitol' blocks; open trenched 18-inch diameter replacement pipe in the 'P to Q' block; and slip-lined 18-inch diameter replacement pipe between 'Capitol and P'. Slip-lining (pulling a slightly smaller carrier pipe inside an existing 'host' pipe) minimizes surface disruption. Also included are some fire hydrant replacements as well as some 12-inch diameter and smaller pipe to maintain customer service while the transmission main is being replaced. Work along N St., between 5th & 6th, is one such 12-inch service pipe.

The project was formally advertised to solicit bids on July 24, 2009. On August 19, 2009, the City Clerk opened nine (9) bids, summarized below. Martin General Engineering, Inc. is the lowest responsive bidder.

	Bidder	Bid Amount	ESBD Participation %
1	Martin General Engineering, Inc.	\$880,825	95.5%
2	T&S Construction, Inc.	\$886,035	20.0%
3	Marques Pipeline	\$963,350	20.8%
4	Civil Engineering Construction, Inc	\$977,700	89.3%
5	Navajo Pipeline Inc.	\$1,022,710	88.7%
6	Dual Cal Builders	\$1,041,230	88.6%
7	Mountain Cascade	\$1,153,700	21.5%
8	Lamon Construction	\$1,192,279	90.5%
9	Teichert Construction	\$1,540,630	34.0%

The Engineer's cost estimate for construction was \$1,100,000.

At one time, downtown had approximately 63,000 feet of riveted steel transmission main that had been installed between 1870 and 1950. To date, approximately 37,000 feet has

been replaced. Upon examination, many sections of the removed pipe display severe corrosion, even some holes that extend completely through the pipe wall. In 1998, the old riveted steel main along Q Street broke between 27th and 28th, causing property damage and numerous claims against the City. These are large diameter pipes, essential for delivering water to the City's residences and businesses with negligible pressure loss.

In addition to construction noise and traffic/parking impacts associated with this project, there will be short temporary (four hour or less) water service interruptions. In light of these construction impacts, the Department will implement its public outreach plan to amply notify and communicate with the affected community. The outreach plan includes a public meeting prior to starting construction; a 'Project Page' on the internet with up-to-date information; installation of 'Utility Department Construction' signs; 24-hour phone messaging; and postcard mailers to the adjacent residences.

Attachment 3

RESOLUTION NO.

Adopted by the Sacramento City Council

September 8, 2009

**6TH STREET WATER TRANSMISSION MAIN PROJECT BETWEEN I & Q
(Z14004400)**

BACKGROUND

- A. The 6th Street Water Transmission Main Project (Z14004400) replaces a steel pipeline constructed in 1903. Replacement will help ensure a safe and reliable water supply.
- B. City staff prepared project plans and specifications, the project was advertised for bidding, and bids were opened August 19, 2009.
- C. Martin General Engineering, 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 6th Street Water Transmission Main Project between I & Q are approved, and the contract is awarded to Martin General Engineering, Inc. for an amount not to exceed \$880,825.