



REPORT TO COUNCIL **7**

City of Sacramento

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

Consent
September 18, 2007

Honorable Mayor and
Members of the City Council

Title: Award Contract: Sacramento River Water Treatment Plant Reservoir Roof Replacement Project (ZH51)

Location/Council District: The project is located at the Sacramento River Water Treatment Plant (SRWTP). A location map is included as Attachment 1. The project is in Council District 1.

Recommendation: Adopt a **Resolution** 1) approving the contract plans and specifications for the SRWTP 9.5 MG Reservoir Roof Replacement Project (PN: ZH51); and 2) awarding the contract to Madsen Roofing for an amount not to exceed \$1,067,983.

Contact: David L. Brent, Engineering Services Manager, 808-1420

Presenters: Not Applicable

Department: Utilities

Division: Engineering Services

Organization No: 3332

Description/Analysis

Issue: The existing 9.5 MG reservoir at the Sacramento River Water Treatment Plant was constructed in 1936 and provides the treatment plant with potable drinking water storage. The existing roof was constructed of asbestos containing panels and the redwood decking underneath the roof has outlived its service life and needs to be replaced. In addition, the existing roof diaphragm is not up to current seismic standards. This project will replace the roofing system with a new metal roofing system and seismically retro-fit the reservoir to today's standards.

Policy Considerations: This action is in conformance with City Code Chapter 3.60, Articles I and III, which provides that the City Council may award 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: This project replaces an existing roof for a public utility water distribution structure and involves no expansion of capacity. It is therefore categorically exempt from CEQA (the California Environmental Quality Act) under Class 1, Section number 15301(b) and Class 2, Section number 15302(c) of the CEQA Guidelines. Projects exempt under Class 1, Section number 15301(b) consist of minor alteration or repair of existing facilities used to provide electric power, natural gas, sewerage and other public utility services. Projects exempt under Class 2, Section number 15302(c) consist of replacement or reconstruction of existing utility systems and/or facilities involving negligible or no expansion of capacity. A notice of categorical exemption will be filed with the County Clerk after City Council award of the project.

Commission/Committee Action: None

Rationale for Recommendation: After the plans and specifications were completed by Engineering Services, the project was formally advertised to solicit public bids. On August 29, 2007 the City Clerk opened six bids. The low bidder was Madsen Roofing Company. Staff recommends the contract be awarded to Madsen Roofing Company for an amount not to exceed \$1,067,983.

Financial Considerations: Madsen Roofing Company's bid is for an amount not to exceed \$1,067,983. The total estimated project cost including design, construction, inspection and contingency is \$1,567,207. There are sufficient funds in the SRWTP 9.5 MG Reservoir Roof Replacement project (PN: ZH51, fund 413) to award and complete the project.

Emerging Small Business Development (ESBD): This project included a target participation goal of 20% for emerging and small business enterprises (ESBE's) 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. The responsive low bidder, Madsen Roofing Company, is a City certified SBE and is expected to exceed the ESBE goal with a participation level of 100%.

Respectfully Submitted by:



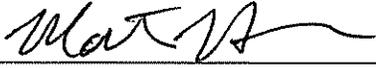
David L. Brent
Engineering Services Manager

Approved by:



Gary A. Reents
Director of Utilities

Recommendation Approved:



for Ray Kerridge
City Manager

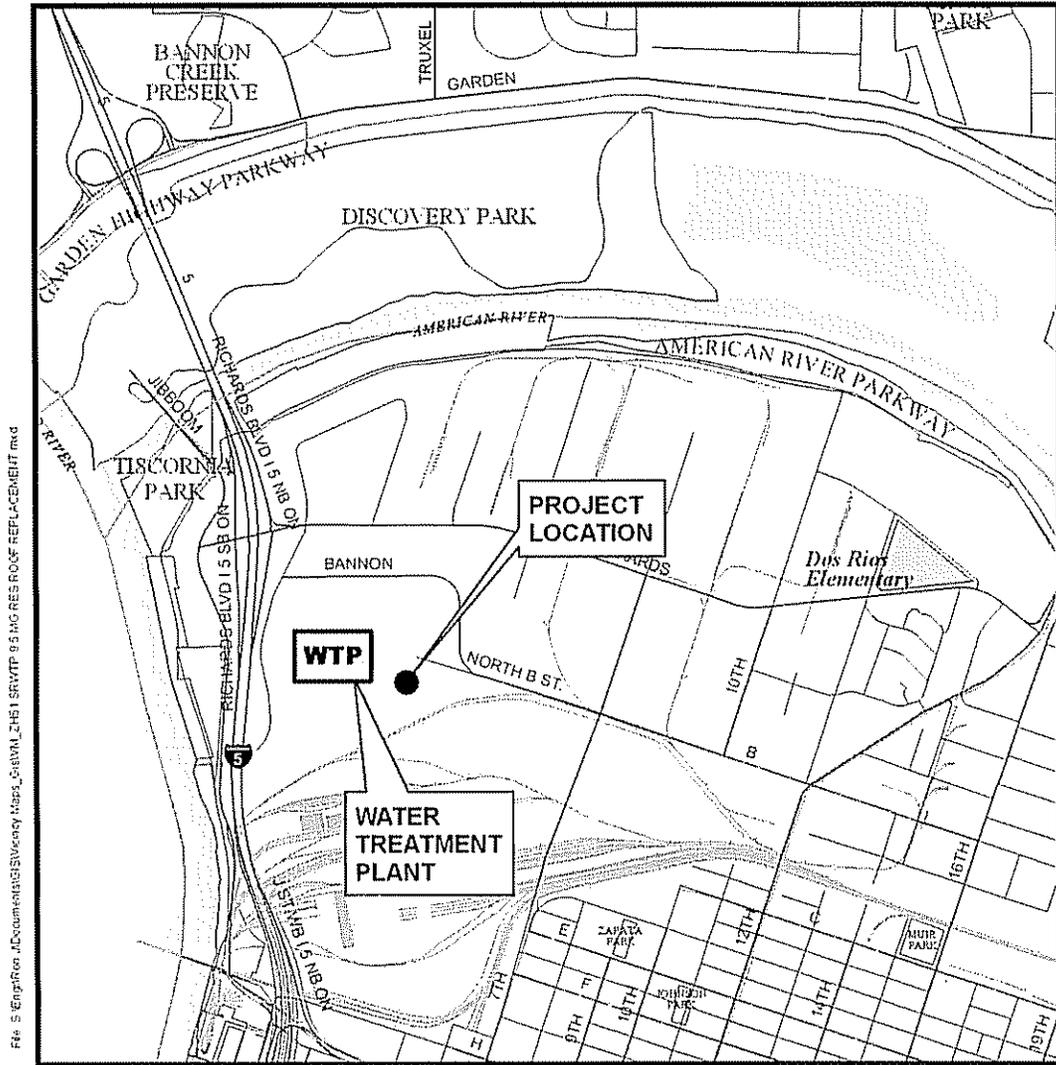
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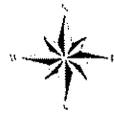
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ATTACHMENT 1
SRWTP 9.5 MG RESERVOIR
ROOF REPLACEMENT
(PN: ZH51)



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Map Prepared By
City of Sacramento
Department of Utilities



Attachment 2

BACKGROUND

The 9.5 MG reservoir at the Sacramento River Water Treatment Plant (SRWTP) provides storage for potable water at the treatment plant. The water is used to help meet high demands during the summer months. The roof was constructed in 1936 and consists of a timber-framed system. Due to the excessive amount of moisture constantly present inside of the reservoir, corrosion and rot has begun to weaken the structural integrity of the roof.

The Department of Utilities issued a "Request for Proposal" in June 2004 to perform a complete investigation of the roofing and framing system, concrete walls and columns, and to also investigate whether the reservoir was up to current seismic and structural standards. CYS Structural Engineers, Inc. was awarded the inspection contract and completed the inspection in April 2005.

The project objectives are based on the recommendations from the investigative report and are:

- Remove and replace the entire roof and redwood decking.
- Remove and replace all identified structural members in the roof framing that have suffered corrosion or rot.
- Repair all cracked or spalled areas in the concrete walls and columns and apply waterproofing to all concrete surfaces.
- Install additional straps at the connection between the walls and columns and the roofing system

This project was advertised and six (6) bids were received and opened on August 29, 2007. The bids were as follows:

Contractor	Bid Amount
Madsen Roofing Company Inc.	\$1,067,983
Advantage Building Contractors	\$1,314,000
C & C Construction	\$1,459,000
Younger General Contractors	\$1,586,000
Best Contracting Services Inc.	\$1,941,300
IMR Contractor Corp.	\$2,111,712

The engineer's estimate was \$1,650,000.

Attachment 3

RESOLUTION NO.

Adopted by the Sacramento City Council

**AWARD CONTRACT
FOR THE SACRAMENTO RIVER WATER TREATMENT PLANT RESERVOIR ROOF
REPLACEMENT PROJECT
(PN: ZH51)**

BACKGROUND

- A. The existing reservoir roofing system for the 9.5 MG reservoir at the Sacramento River Water Treatment Plant (SRWTP) is deteriorated and at the end of its useful life. In order to improve reliability, health, and safety, City Council approved the SRWTP Reservoir Roof Replacement Project (ZH51) in fiscal year 2004/05.
- B. City staff has prepared a set of plans and specifications to replace the existing roofing system and to retrofit the reservoir to current seismic standards.
- C. The project was advertised for bidding, and bids were received on August 29th, 2007 from six responsive bidders. Madsen Roofing Company was the lowest responsible bidder at \$1,067,983.

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

- Section 1. The contract plans and specifications for the SRWTP 9.5 MG Reservoir Roof Replacement Project (PN: ZH51) are approved, and the contract is awarded to Madsen Roofing Company for an amount not to exceed \$1,067,983.