



# REPORT TO COUNCIL

## City of Sacramento

915 I Street, Sacramento, CA 95814-2604  
[www. CityofSacramento.org](http://www.CityofSacramento.org)

Consent  
 November 6, 2008

Honorable Mayor and  
 Members of the City Council

**Title:** FWTP Switchgear Replacement Project (Z14002700)

**Location/Council District:** 7501 College Town Drive/Council District 6.

**Recommendation:** Adopt a **Resolution** 1) approving the contract plans and specifications; and 2) awarding the contract to BRC Construction, Inc., to replace outdated switchgear and to improve the operation of the Fairbairn Water Treatment Plant Facility (FWTP) for an amount not to exceed \$525,000.

**Contact:** David L. Brent, Engineering Manager, 808-1420; Dave Hansen, Supervising Engineer, 808-1421.

**Presenters:** Not applicable

**Department:** Department of Utilities

**Division:** Engineering Services

**Organization No:** 14001321

### Description/Analysis

**Issue:** FWTP is one of two water treatment plants the City owns and operates. As part of the City's effort to improve the reliability of our water system, the outdated medium voltage switchgear breakers need to be replaced, new feeder protection relays need to be installed for better protection, and the back-up power system needs to be automated which will ensure that the facility will be connected to a stationary generator automatically in the event of SMUD outages.

**Policy Considerations:** The requested action is in conformance with City Code Section 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 improving and expanding public safety.

**Environmental Considerations** The Planning Services Division, Environmental Section, has reviewed the project and has determined that this project is exempt from CEQA under Section 15301(b) of the CEQA Guidelines (minor alteration of utility facilities involving no expansion of use).



**Rationale for Recommendation:** This facility will be outfitted with new medium voltage circuit breakers and feeder protection relays. The switch to the back up power generator will be automated and the facility will be more reliable and require less maintenance.

**Financial Considerations:** The estimated total project costs, including the construction contract cost of \$525,000, are \$650,000. There is sufficient funding (Water Fund 6005) in the FWTP Switchgear Replacement project (Z14002700) to award the construction contract and complete the project.

**Emerging Small Business Development (ESBD):** This project includes participation goals of 20% for emerging and small business enterprises as required by Ordinance 99-007 and Resolution 99-055 relating to ESBD participation goals and policies, adopted by City Council on February 9, 1999. BRC Construction, Inc. exceeded the ESBD goals with a participation level of 95.24%.

Respectfully Submitted by:



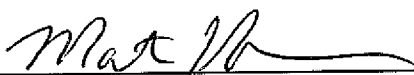
David L. Brent  
Engineering Manager

Approved by:



Marty Hanneman  
Interim Director of Utilities

Recommendation Approved:



Ray Kerridge  
City Manager

*ben*

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**Attachment 1****Background**

FWTP is one of two water treatment plants the City owns and operates. As part of the City's effort to improve the reliability of our water system, the outdated medium voltage switchgear circuit breakers need to be replaced, new feeder protection relays need to be installed for better protection, and the back-up power system needs to be automated which will ensure that the facility will be connected to a stationary generator automatically in the event of SMUD outages.

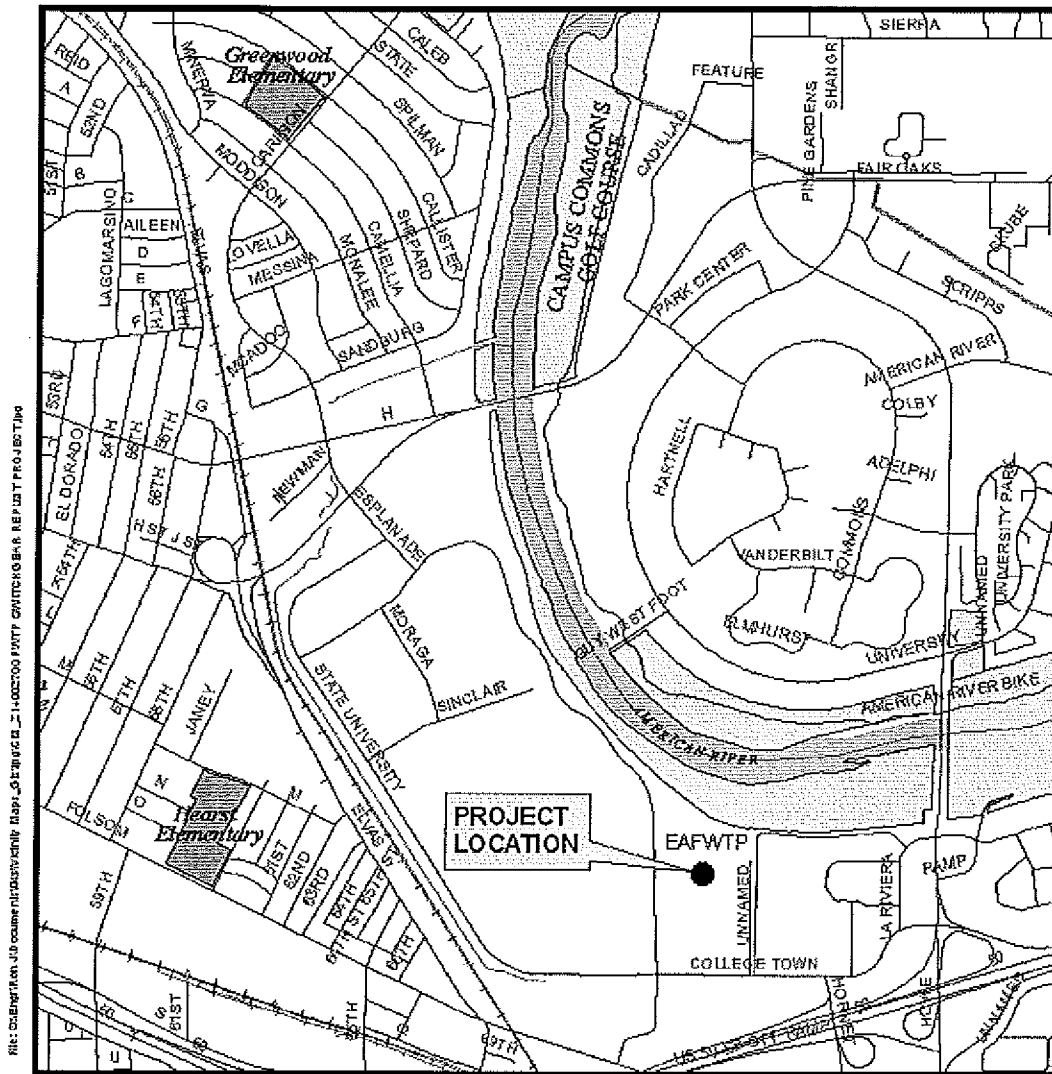
City staff is recommending that City Council accept the lowest responsible bid from BRC Construction, Inc. and award the contract.

Eight (8) bids were received and opened by the City Clerk on October 8, 2008, and are summarized below:

<b>Bidder</b>	<b>Bid Amount</b>	<b>ESBE Participation</b>
BRC Construction, Inc.	\$525,000	95.24%
R-E Corporation	\$546,987	95.60%
Clyde G. Steagall, Inc.	\$632,440	96.52%
Collins Electric Company, Inc.	\$658,200	14.59%
Gatejen Electric Company	\$790,958	73.26%
Empire Electric	\$822,000	No Subs Listed
All Power Inc.	\$824,250	41.58%
J. R. Sharp Construction, Inc.	\$883,714	98.35%

The engineer's construction estimate was \$549,000.

**ATTACHMENT 2**  
FWTP SWITCHGEAR  
REPLACEMENT PROJECT  
(PN: Z14002700)



FILE: C:\SACRAMENTO\GIS\PROJECTS\Z14002700\FWTP\_SWITCHGEAR\_REPLACE\PROJECT.MXD

Map Prepared By  
City of Sacramento  
Department of Utilities



**RESOLUTION NO.**

Adopted by the Sacramento City Council

**AWARD A CONSTRUCTION CONTRACT FOR THE  
FWTP SWITCHGEAR REPLACEMENT PROJECT  
(Z14002700)**

**BACKGROUND**

- A. The FWTP Switchgear Replacement project will update the electrical system of the facility which will improve reliability and reduce maintenance costs.
- B. The project was advertised and bids were received on October 8, 2008. BRC Construction, Inc. was the lowest responsive and 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 FWTP Switchgear Replacement project (Z14002700) are approved, and the contract is awarded to BRC Construction, Inc. for an amount not to exceed \$525,000.