

Meeting Date: 4/18/2013

Report Type: Consent

Report ID: 2013-00290



Title: Contract Award: Well Electrical Rehabilitation Project (Z14110101)

Location: District 2, 3

Issue: Due to their age and condition, the electrical equipment in four City wells is outdated, difficult to maintain and in need of updating to increase the City's water supply reliability.

Recommendation: Approving the contract plans and specifications and awarding the contract to J.R.Sharp Construction Inc., for an amount not to exceed \$253,000.

Contact: Bill Busath, Engineering Manager, (916) 808-1434; Dave Hansen, Supervising Engineer, (916) 808-1428, Department of Utilities

Presenter: None

Department: Department Of Utilities

Division: Cip Engineering

Dept ID: 14001321

Attachments:

1-Description/Analysis

2-Background Information

3-Location Map

City Attorney Review

Approved as to Form
Joe Robinson
4/9/2013 6:05:17 PM

City Treasurer Review

Reviewed for Impact on Cash and Debt
Russell Fehr
4/3/2013 11:53:48 AM

Approvals/Acknowledgements

Department Director or Designee: Dave Brent - 4/8/2013 3:22:23 PM



Description/Analysis

Issue Detail: The electrical equipment in Well 134, Well 154, Well 156, and Well 159 is outdated, difficult to maintain, and replacement parts are no longer available.

The Well Electrical Rehabilitation Project for these four wells was advertised and bids were received on March 13, 2013. J.R. Sharp Construction Inc. was the lowest responsive and responsible bidder.

Policy Considerations: This action is in conformance with City Code Chapter 3.60 Article I and III, which provide that the City Council may award competitively bid contracts to the lowest responsible bidder.

This report's recommendation is consistent with the Strategic Goal of enhancing and preserving the City's water supply.

Economic Impacts: The work on this project is expected to create 1.0 total job (0.6 direct jobs and 0.4 jobs through indirect and induced activities) and create \$154,359 in total economic output (\$97,294 of direct output and another \$57,065 of output through indirect and induced activities).

The indicated economic impacts are estimates calculated using a calculation tool developed by the Center for Strategic Economic Research (CSER). CSER utilized the IMPLAN input-output model (2009 coefficients) to quantify the economic impacts of a hypothetical \$1million of spending in various construction categories within the City of Sacramento in an average one-year period. Actual impacts could differ significantly from the estimates and neither the City of Sacramento nor CSER shall be held responsible for consequences resulting from such differences.

Environmental Considerations: The Community Services Department, Environmental Planning Services Division has reviewed the project and has determined that this project is exempt from the California Environmental Quality Act (CEQA) under Section 15301(b) of the CEQA Guidelines. The project consists of the operation and maintenance of existing utilities (City drinking water wells) involving negligible or no expansion of use beyond that at the time of the City's determination.

Sustainability: The City is committed to developing and maintaining an efficient and dependable groundwater supply that will increase the City's water supply reliability and support a surface water/groundwater conjunctive use program. This report's recommendation is consistent with that commitment.

Commission/Committee Action: None

Rationale for Recommendation: With the new electrical equipment in place, these City wells will be restored to full operation, and will be more reliable and require less maintenance.

Financial Considerations: The total estimated project cost including design, construction, inspection and contingency is \$355,000 based on the bid amount of \$253,000. There is sufficient fund in CIP project Z14110101 to award the 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. J.R. Sharp Construction Inc. exceeded the ESBD goals with a participation level of 100.00%.



Background

The City currently operates 27 wells in the City, a majority of which have been in service for over 40 years. In order to pursue a conjunctive use strategy for water production and not to rely entirely on surface water during periods of low water supply, Utilities has begun a program to evaluate the City's well system to identify future needs for system reliability and efficient groundwater production.

Four wells have been selected and initial cleaning and well casing work has been completed as a result from the assessment for each eligible well.

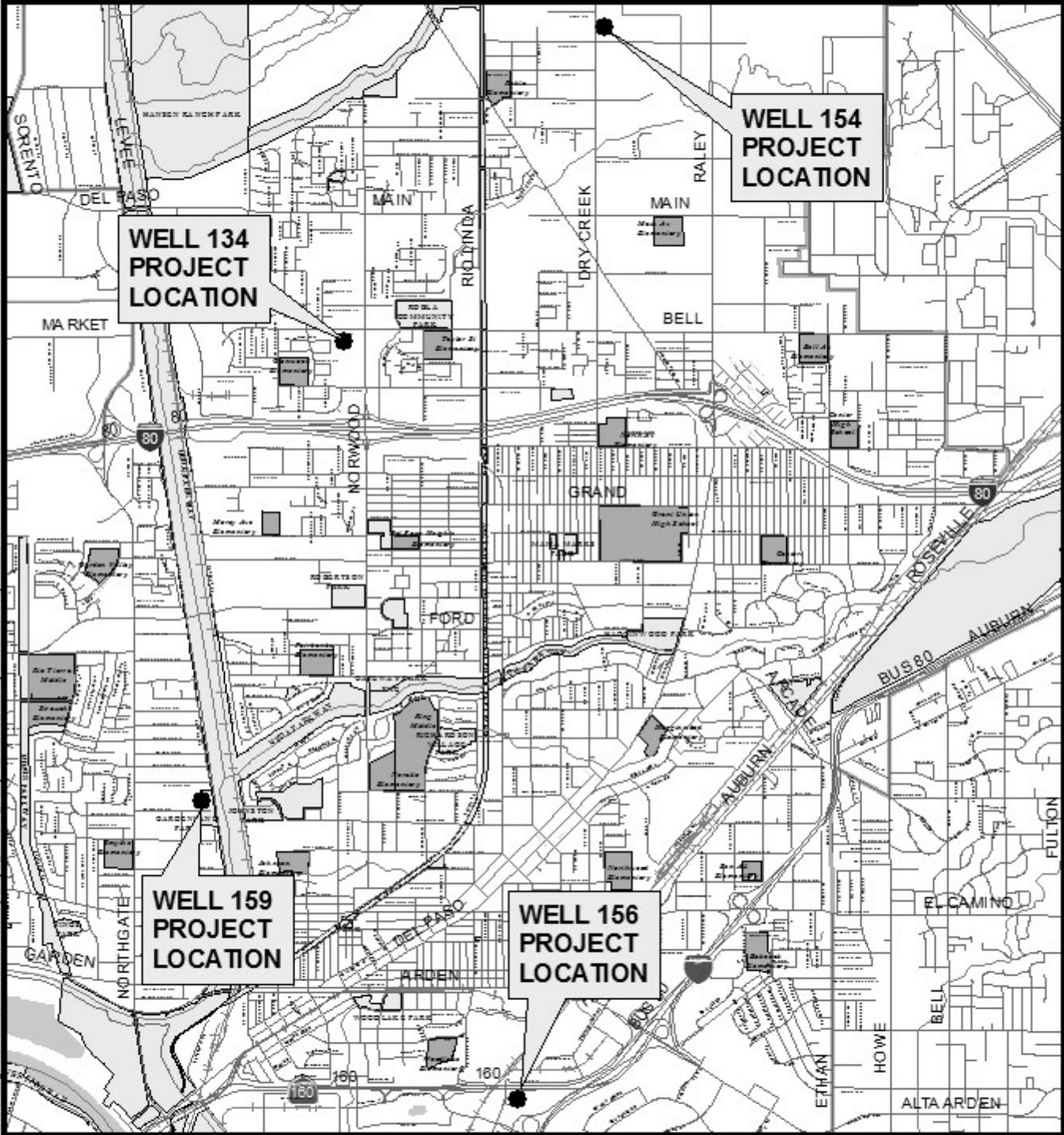
Staff prepared specifications for the associated electrical rehabilitation of these four wells (134,154,156,159) and the project was solicited for public bids. Three bids were received and opened by the City Clerk on March 13, 2013.

The bid results are as follows:

Bidders Name	Bid Amount
J.R. Sharp Construction Inc.	\$253,000
Division 5-15	\$319,113
Boson Engineering	\$373,000

The engineer's construction estimate was \$225,000.

Well Electrical Rehabilitation Project PN: Z14110101



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Map Prepared By
City of Sacramento
Department of Utilities

