



Agenda Report

August 16, 2021

TO: Honorable Mayor and City Council

FROM: Water and Power Department

SUBJECT: CONTRACT AWARD TO WEBER WATER RESOURCES CA, LLC TO PROVIDE LABOR AND MATERIALS FOR DRILLING, CONSTRUCTION AND TESTING OF THE GARFIELD REPLACEMENT WELL FOR THE WATER AND POWER DEPARTMENT

RECOMMENDATION:

It is recommended that the City Council:

1. Find on the basis of the whole record, including the Initial Study and any comments received, that the Garfield Replacement Well Project will not have a significant effect on the environment; and, therefore adopt a Mitigated Negative Declaration for the Garfield Replacement Well Project pursuant to the California Environmental Quality Act ("CEQA"), and adopt a Mitigation Monitoring and Reporting Program; and
2. i) Accept the bid dated July 15, 2021, submitted by Weber Water Resources CA, LLC in response to Specification WD-21-06 for providing labor and materials for drilling, construction and testing of the Garfield Replacement Well; ii) reject all other bids received; and iii) authorize the City Manager to enter into a contract not to exceed \$1,792,163, which includes the base contract amount of \$1,629,239 and a contingency of \$162,924 to provide for any necessary change orders.

BACKGROUND:

Approximately 30-35% of Pasadena's drinking water is produced from local groundwater while the balance is imported from other sources. Groundwater, when sustainably managed, is a less costly and more reliable option than relying on imported water from Metropolitan Water District. Currently, there are eight active wells located throughout Pasadena, a majority approaching 100 years old. Five of the wells are temporarily inoperable due to water quality and low groundwater levels. Due to age and usage, older wells experience mechanical failures which reduce both pumping capacity and reliability. New wells provide the necessary infrastructure to use Pasadena's local groundwater during planned and unplanned water disruptions of the imported supply, providing necessary reliability of water supply at reasonable cost.

The existing Garfield Well, located in Villa Parke off of N. Garfield Avenue, was drilled in 1921. The well reached the end of its useful service life and was removed from service in 2015. In December 2020, all of the above-ground pumping equipment was removed and the well was abandoned in compliance with regulatory requirements. The proposed replacement well will be located approximately 100 feet northwest of the existing well within the park and will be equipped with a submersible pump, which will effectively eliminate the noise and other above-ground impacts during operation. The replacement well will be capable of producing up to 1,500 gallons of water per minute which is comparable to the previous operational capacity of the abandoned well. The existing building and fenced perimeter will remain and be used to house the electrical equipment and controls.

The Garfield Replacement Well will be drilled about 950 feet deep. Non-stop drilling (24/7) is necessary for the entire depth to avoid collapse of the borehole or loss of drilling fluids. The continuous drilling operation will take approximately 33 working days that are likely to occur in two two-week stretches. In May 2021, the City Manager issued an exemption from Pasadena Municipal Code ("PMC") § 9.36.070 (Construction Projects) which limits hours of construction from Monday to Saturday, and prohibits construction on Sundays and holidays. The City Manager is authorized to exempt construction from those limits imposed by PMC § 9.36.070 if the construction serves the best interests of the public and protects the public health, safety and welfare pursuant to PMC § 9.36.170 (Exemptions). After the well drilling is completed, subsequent site activities will be performed during the hours allowed by PMC § 9.36.070 (Construction Projects).

Current ambient noise measurements were recorded at the two nearest residential receptors east and west of the project site over a 24-hour period during the weekend which tend to include the quietest hours. Based on the analysis, certain noise mitigation measures were recommended that are expected to maintain the noise levels in the neighborhood at or below the current levels. To mitigate construction noise, the contractor will install 24-foot tall temporary sound barriers around the work site. All stationary or mobile construction equipment will be equipped with mufflers. All construction equipment engine enclosures and covers, as provided by manufacturers, shall be in place during construction activities. Export of drill cuttings via trucks will be limited to the hours of 7:00 a.m. through 7:00 p.m. Construction-standard high-pitch backup alarms for construction equipment and vehicles will not be used. Construction equipment and vehicles will use low-impact backup alarms. These alarms will conform to California Occupational Safety and Health Administration ("Cal OSHA") requirements. Electric equipment will be used wherever feasible to reduce both the noise and emissions on the site. Prior to commencement of nighttime construction, the City will establish a designated phone hotline and email address for project-related information and complaints from the surrounding neighborhood.

Tentatively, on-site work activity is anticipated to begin in October 2021 with completion of the drilling in February 2022. Information from the well drilling is necessary to complete the design of the well equipment and for bidding. PWP expects to enter into a

new contract for the installation of the submersible pump and motor, piping and electrical and restoration of the basketball court and the turf area by spring of 2023.

The Notice Inviting Bids for Specification WD-21-06 was posted online through Planet Bids on June 15, 2021 and published in the Pasadena Journal on June 24, 2021. The posting generated notices to all vendors who have previously registered with the City for this particular commodity class. A total of 31 vendors downloaded the specifications of which none were local. Five contractors attended the mandatory pre-bid meeting on June 29, 2021. A total of four bids were received by the bid opening date, with no bids received from local contractors. Staff is not aware of any local well drillers.

The results of the bids were as follows:

<u>Bidders</u>	<u>Total Bid</u>
Weber Water Resources CA, LLC (Riverside, CA)	\$1,629,239
Yellow Jacket Drilling Services, LLC (Phoenix, AZ)	\$1,652,580
Nor-Cal Pump & Well Drilling, Inc. (Yuba City, CA)	\$1,829,759
Layne Christensen Company (Redlands, CA)	\$1,895,680
Engineer's Estimate	\$1,600,000

Weber Water Resources CA, LLC was the lowest responsive and responsible bidder that complied with the Specification requirements, and possesses a valid C-57 License: Well Drilling Contractor.

The proposed contract complies with Competitive Bidding and Purchasing Ordinance P.M.C. 4.08 and the rules and regulations promulgated thereunder. The project was bid as a prevailing wage project and workers employed by the contractor will be paid the general prevailing rate of per diem wages as determined by the California Director of Industrial Relations. The project will meet the requirements of prevailing wage law under California Labor Code Sections 1720 through 1861 and Title 8 of the California Code of Regulations.

It is recommended that the City Council authorize the City Manager to enter into a contract with Weber Water Resources CA, LLC in the amount of \$1,792,163, which includes the base bid, and a contingency of approximately 10% for any necessary change orders. The recommended contractor does not have any existing or past contracts with the City of Pasadena. Weber Water Resources CA, LLC has experience in drilling, construction, and testing of potable water supply wells and has completed similar projects with California American Water and Golden State Water Company. The project manager in the Water Division will track and report the contract spending.

COUNCIL POLICY CONSIDERATION:

The proposed contract is consistent with the City Council's Strategic Planning Goals to: (i) Improve, maintain, and enhance public facilities and infrastructure; and, (ii) Implement capital improvements that will maintain and rehabilitate infrastructure.

ENVIRONMENTAL ANALYSIS:

In accordance with the requirements of the CEQA, an Initial Study was prepared to identify and analyze the project's potential impacts on the environment. Based on the analysis in the Initial Study, the only potentially significant impacts were found to be in the areas of Biological Resources, Cultural Resources, Geology and Soils, Hazards and Hazardous Materials, Noise, Recreation, and Tribal Cultural Resources, and all of the potentially significant impacts would be reduced to a less than significant level by incorporating mitigation measures into the project. A Mitigated Negative Declaration (Attachment A) and Mitigation Monitoring and Reporting Program (Attachment B) have, therefore, been prepared for the project.

A Notice of Intent ("NOI") to Adopt a MND was published for public review from June 21, 2021 to July 20, 2021. The NOI was posted at the Los Angeles County Registrar-Recorder/County Clerk office and was sent to owners and occupants within a 500-foot radius of the project site, agencies, organizations, and individuals who have previously requested such notice in writing. Additionally, the IS/MND and technical appendices along with the NOI were submitted electronically to the State Clearinghouse on June 21, 2021. The NOI was also posted at Villa Parke on June 21, 2021 within close proximity to the Project site. During the public review period, the IS/MND was available for review on the City's webpage at <https://www.PWPweb.com/GarfieldWell>. A printed copy of the document was also available at the Pasadena Water and Power office at 150 South Los Robles Avenue, Suite 200, Pasadena, California 91101.

Five comment letters were received on the IS/MND. The comment letters and corresponding responses are attached hereto (Attachment C). On the basis of the whole record, including but not limited to the project's Initial Study, there is no substantial evidence that the project could have a significant effect on the environment after the implementation of mitigation measures. Therefore, staff recommends that the City Council adopt a MND and corresponding Mitigation Monitoring and Reporting Program for the project.

FISCAL IMPACT:

The cost of this action will be \$1,872,163. Funding for this action will be addressed by the utilization of existing appropriations in Capital Improvement Project 01074 – Well Improvements. It is anticipated that all of the cost will be spent in Fiscal Year 2022.

The following table presents the contract summary:

Bid Amount	\$1,629,239
Contingency	\$162,924
Subtotal	\$1,792,163
Contract Admin/Inspection (PWP)	\$80,000
Total Fiscal Impact FY 2022	\$1,872,163

Respectfully submitted,



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Approved by:



STEVE MERMELL
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Attachment A - Initial Study and Mitigated Negative Declaration
Attachment B - Mitigation Monitoring and Reporting Program
Attachment C - Public Comment Letters and Corresponding City Responses