



# Agenda Report

October 29, 2012

**TO:** Honorable Mayor and City Council  
**FROM:** Water and Power Department  
**SUBJECT: AUTHORIZE THE CITY MANAGER TO APPROVE A PURCHASE ORDER CONTRACT IN AN AMOUNT NOT TO EXCEED \$195,000 WITH STETSON ENGINEERS, INC. ("STETSON") TO PROVIDE ENGINEERING CONSULTING SERVICES FOR THE EASTSIDE WELL COLLECTOR CENTRALIZED DISINFECTION FACILITY FOR THE WATER AND POWER DEPARTMENT**

## **RECOMMENDATION:**

It is recommended that the City Council:

1. Approve the Initial Environmental Study (Attachment A) and adopt the Mitigated Negative Declaration and Mitigation Monitoring and Reporting Program (Attachment B) for the Eastside Well Collector project, and,
2. Direct the City Clerk to file a Notice of Determination with the Los Angeles County Recorder, and,
3. Find that the proposed purchase order contract is exempt from the competitive bidding process pursuant to the City Charter Section 1002 (f), contracts for professional or unique services; and,
4. Authorize the City Manager to approve a purchase order contract in an amount not to exceed \$195,000 with Stetson Engineers, Inc. to provide consulting services for the Eastside Well Collector Centralized Disinfection Facility for the Water and Power Department; and,
5. Grant the proposed purchase order contract an exemption from the competitive selection process of the Competitive Bidding and Purchasing Ordinance pursuant to Pasadena Municipal Code Section 4.08.049 (B), contracts for which the City of Pasadena's ("City") best interest are served.

## **BACKGROUND:**

As part of the Water and Power Department's overall strategy to convert its disinfection systems from chlorination to chloramination, the Water and Power Department is proceeding with the Eastside Well Collector Centralized Disinfection Facility ("CDF")

project which will provide disinfection for groundwater collected from seven wells in the eastern part of Pasadena. The disinfection facility is a critical component of the Eastside Well Collector project, which also involves the construction of a collector pipeline to transport groundwater to the disinfection facility located at Jones Reservoir and surge tanks at each of the well sites.

The project is currently in the design phase with technical analysis for sizing the key components completed and preliminary plans in development. The remaining work for this project includes completion of the detailed design and preparation of construction documents. Also, due to the handling of potentially hazardous materials, the project requires compliance with risk management regulations including the California Accidental Release Prevention ("CalARP") program. This program consists of several tasks throughout the duration of the project with involvement from PWP's consultants, key personnel within the Water and Power Department, and the Pasadena Fire Department. The project also requires coordination with the Division of Safety of Dams ("DSOD"), the state agency with jurisdiction over Jones Reservoir, for permission to construct within the embankment of what is considered a dam.

The Eastside Well Collector project, including the CDF, is eligible for Build America Bonds ("BAB") funding. All BAB-eligible projects are required to be constructed by December 31, 2013. While the CDF project is making steady progress toward completion, the remaining work is technically complex in nature and requires a fast-track schedule in order to meet the eligibility deadline.

PWP had initially considered completing a portion of the design in-house, including the civil and mechanical components. However, due to the time constraints of the BAB funding and the complex nature of the issues associated with the project, including compliance with applicable codes, a site-specific permit, and risk management regulations, the Water and Power Department wishes to retain a consultant for this work. The Water and Power Department currently has a purchase order contract with Stetson for \$69,300 to complete the structural and electrical/instrumentation components of the design, and to provide overall quality assurance/quality control. Stetson has been making steady progress on the project since April 2012 and is on track to complete their work to meet the December 31, 2013 construction deadline; therefore, they are a logical choice to also complete the remaining components of the project. Their qualifications come from extensive experience in the design of water treatment and supply facilities, and they are currently providing design services for a similar disinfection system at the Water and Power Department's Sunset Reservoir.

Retaining Stetson for consulting services to complete the design and provide engineering support during construction will benefit the Water and Power Department in several ways: 1) equipment and installation procedures can be specified similar to the Sunset disinfection facility project, which will move the Water and Power Department toward its goal of standardizing equipment at our disinfection facilities; 2) a single consultant will result in a more cohesive project with clearer accountability for all components; 3) Stetson's current involvement with both the CDF and the Sunset

project's design and regulatory processes will allow them to begin work immediately and complete the work in an expedient manner to meet the funding deadline; and, 4) the services are provided at a competitive price because there is no overlap or coordination with another consultant, and less contingency is factored in Stetson's fee due to their familiarity with the on-going design, PWP's preferences, and current involvement in the regulatory process that is specific to this type of facility in the City.

**COUNCIL POLICY CONSIDERATION:**

The proposed purchase order contract is consistent with the Public Facilities Element of the General Plan and supports the Council's goal to improve, maintain and enhance public facilities infrastructure and to implement capital improvements that will maintain and rehabilitate infrastructure.

**ENVIRONMENTAL ANALYSIS:**

In compliance with the California Environmental Quality Act (CEQA), an Initial Study was prepared for the Eastside Well Collector project. A Notice of Intent to Adopt a Mitigated Negative Declaration was published on August 6, 2012. The public comment period closed on September 5, 2012. Because this contract for engineering consulting services is the first discretionary action related to this project, the Initial Study (Attachment A), and resulting Mitigated Negative Declaration (Attachment B) must be adopted at this time.

The Initial Study found that while the project itself would not result in any significant or potentially significant impacts, there is the potential for significant impacts during construction. For example, noise during construction and periodic road and lane closures are potentially significant impacts. To mitigate these construction-related impacts, a number of mitigation measures are proposed to be integrated into the project in the form of a Mitigated Negative Declaration. These mitigation measures include restrictions on the hours of construction, advance notice to residents and businesses of pending construction, the provision of alternative route for vehicles, pedestrians, bicycles, and providing advance notice to public transit providers. With the inclusion of all proposed mitigation measures, all construction-related impacts would be reduced to a less than significant level.

**FISCAL IMPACT:**

The cost of this action will be \$195,000. Funding for this action will be addressed by the utilization of existing budgeted appropriations in the Capital Improvement Program project Well Collector Pipeline (#1044). It is anticipated that \$95,000 of the cost will be spent during the current fiscal year. The remainder of the costs, \$100,000, will be spent during FY 2014.

There are no anticipated impacts to other operational programs or capital projects as a result of this action.

Respectfully submitted,



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General Manager

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Approved by:



Michael J. Beck  
City Manager

Attachments:

Attachment A: Initial Study

Attachment B: Mitigated Negative Declaration and Mitigation Monitoring and Reporting Program