



## Recommendation for Action

**File #:** 20-1526, **Agenda Item #:** 13.

3/26/2020

### **Posting Language**

Authorize award and execution of a construction contract with PLW Waterworks, LLC, for the Walnut Creek Wastewater Treatment Plant Pumping System Improvements project in the amount of \$14,124,000 plus a \$1,412,400 contingency, for a total contract amount not to exceed \$15,536,400.

[Note: This contract will be awarded in compliance with City Code Chapter 2-9A (Minority Owned and Women Owned Business Enterprise Procurement Program) by meeting the goals with 31.31% MBE and 1.36% WBE participation.].

### **Lead Department**

Capital Contracting Office

### **Managing Department**

Public Works Department

### **Fiscal Note**

Funding is available in the Fiscal Year 2019-2020 Capital Budget of Austin Water.

### **Purchasing Language:**

Lowest responsive bid of two bids received through a competitive Invitation for Bid solicitation.

### **For More Information:**

Inquiries should be directed to the City Manager's Agenda Office, at 512-974-2991 or [AgendaOffice@austintexas.gov](mailto:AgendaOffice@austintexas.gov) <<mailto:AgendaOffice@austintexas.gov>>.

NOTE: Respondents to this solicitation, and their representatives, shall direct inquiries to Rolando Fernandez, 512-974-7749, Garrett Cox, 512-974-9423, or the Project Manager, Gabriel Castano, P.E., 512-974-2937.

### **Council Committee, Boards and Commission Action:**

March 11, 2020 - Recommended by the Water and Wastewater Commission on a 7-0, vote with Commissioners Michel, Parton, Schmitt, and Williams absent.

### **Additional Backup Information:**

The Walnut Creek Wastewater Treatment Plant (WWTP) is permitted to treat and discharge an average daily flow of 75 million gallons per day (MGD) with a peak flow of 165 MGD. The plant's initial construction was in 1977. Capacity improvements were constructed in 1987 and again in 1990. The Walnut Creek WWTP has faced increased difficulty in maintaining control, reliability, maintainability, and operation of pumping systems in the primary treatment complexes and operations building (the plant's main lift station). The advanced age of the equipment and obsolescence of the instrumentation and controls in these process areas has led to operational and maintenance challenges. Replacement of the existing pumping systems is necessary to restore reliability to the plant's hydraulic capacity.

The work consists of removal and replacement of five existing primary sludge pumps, three scum pumps, associated piping and valves; removal and replacement of eight existing settled wastewater pumps, and associated discharge piping and valves; removal and replacement of three existing cooling water pumps, partial replacement of open loop non-potable water (NPW) piping system, replacement of closed loop piping system, and rehabilitation of existing heat exchanger; installation of a new portable emergency generator interconnect for raw water pumping system; and replacement of existing control panels and instrumentation and control devices with modern components inside new modern cabinets.

This item includes four allowances:

- An allowance of \$20,000 will be used for inspection, non-destructive testing and recoating of an existing NPW cooling water tank.
- An allowance of \$5,000 will be used for permits and fees paid by contractor, as evidenced by paid receipts, and required for completion of the project.
- An allowance of \$1,000 will be used for procurement of the permanent badge decals or ID badge blanks, per Section 00819.
- An allowance of \$75,000 will be used for relocating the security panel as shown on the electrical drawings, identifying and relocating the conduits and wires connecting to the security panel and replacing wires as necessary, and relocating one security camera inside the 480V motor control center room as needed.

An allowance is an amount specified and included in the construction contract or specifications for a certain item(s) of work whose details are not yet determined at the time of bidding.

The work will occur entirely within a non-public area of the plant; therefore, construction activities will not affect the traveling public. Failure to construct this project in a timely manner may result in unplanned equipment and/or electrical failures, which could directly affect the plant's ability to treat wastewater.

The Capital Contracting Office received only two bids for this project. Feedback received from vendors indicated that some chose not to bid due to their current workload.

Due to the potential for unknown conditions when working in an operating wastewater treatment facility, and the need to minimize construction duration and equipment downtime, a 10% contingency in funding has been included to allow for the expeditious processing of any change orders. A contingency is an additional amount of money added to the construction budget to cover any unforeseen construction costs associated with the project.

The contract allows 730 calendar days for completion of this project. This project is located within zip code 78724 (District 1).

PLW Waterworks, LLC is located in The Woodlands, Texas.

Information on this solicitation is available through the City's Austin Finance Online website. Link: [Solicitation Documents. <https://www.austintexas.gov/financeonline/account\\_services/solicitation/solicitation\\_details.cfm?sid=131058>](https://www.austintexas.gov/financeonline/account_services/solicitation/solicitation_details.cfm?sid=131058)

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