



## Recommendation for Action

**File #:** 20-3808, **Agenda Item #:** 7.

1/27/2021

### **Posting Language**

Authorize award and execution of a construction contract with PGC General Contractors, LLC, for the Little Walnut Creek - Flood Risk Reduction from Metric-Rutland project in the amount of \$17,103,694.80 plus a \$2,565,554.22 contingency, for a total contract amount not to exceed \$19,669,249.02.

[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 12.06 % MBE and 2.19 % WBE participation.]

### **Lead Department**

Capital Contracting Office

### **Managing Department**

Public Works Department

### **Fiscal Note**

Funding in the amount of \$15,145,321.75 is available in the Fiscal Year 2020-2021 Capital Budget of the Watershed Protection Department.

Funding in the amount of \$4,523,927.27 is available in the Fiscal Year 2020-2021 Capital Budget of Austin Water.

### **Purchasing Language:**

Lowest responsive bid of five 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, Minda L. Sarmiento, 512-974-5645.

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

January 14, 2021 - Recommended by the Water and Wastewater Commission on a 7-0 vote, with Commissioners Parton and Williams absent and Commissioner Turrieta off the dais.

### **Additional Backup Information:**

The primary goal of the Little Walnut Creek Flood Risk Reduction project is to reduce the risk of interior flood inundation to as many structures as possible, to reduce the floodplain footprint, and to reduce bridge and roadway flooding to the maximum extent feasible within the project study area. This project intends to divert flood flows from the lower reaches of Little Walnut Creek just upstream of Quail Valley Boulevard to the Mearns Meadow detention pond within Quail Creek Park. A wastewater pipeline relocation study is a

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component of the project. An existing 24-inch concrete wastewater interceptor runs within the banks of Little Walnut Creek from Quail Creek Park to beyond Golden Meadow. Portions of this existing wastewater pipeline are exposed due to creek erosion and have been repaired within the past five years. The wastewater line relocations that are part of this project are consistent with future work to abandon and relocate the existing pipeline out of the creek banks in coordination with the City's Environmental Resource Management Division's future full stream restoration project of Little Walnut Creek.

The work consists of flood risk reduction, stormwater treatment, water/wastewater pipeline replacement, street reconstruction and park improvements. Storm drain improvements will divert stormwater runoff from Little Walnut Creek directly to the Mearns Meadow regional detention pond via installation of stormwater conveyance infrastructure upstream of the Mearns Meadow pond. Improvements include construction of creek side weirs upstream of Mountain Quail Rd. and Quail Valley Blvd.; installation of approximately 4,200 linear feet of large reinforced concrete box culvert storm drains; installation of approximately 1,900 linear feet of reinforced concrete pipe ranging in size from 18 to 72 inches; and installation of 36 street curb inlets. The project will reduce stormwater inundation of roads as well as risk of interior flooding to over 75 residential structures.

The project will improve the existing detention pond in Quail Creek Park to mitigate any downstream impacts from the flood risk reduction improvements. The pond will be widened and deepened to increase its storage capacity, the low flow outlet will be enlarged, and the low flow spillway modified to include a 10-foot overflow weir. The water construction consists of approximately 5,900 linear feet of 8 to 12-inch water main and appurtenances. The project will remove 2,080 linear feet of asbestos cement pipe within the project limits. The wastewater construction consists of approximately 10,200 linear feet of 8 to 30-inch wastewater main to intercept flows from the north side of the creek including manholes. The street improvements consist of full depth reconstruction for 5,060 linear feet with an additional mill and overlay of 1,740 linear feet and new sidewalk construction and trails at the park.

This item includes the following three allowances:

- An allowance of \$40,000 will be used to address the Quail Creek exercise equipment relocation.
- An allowance of \$105,000 will be used to address the plumbing for wastewater connections that have been moved as part of the project.
- An allowance of \$1,000 will be used to address the outdoor storage shed at 1611 Mearns Meadow.

An allowance is an amount that is 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.

All work will be completed per the approved traffic control plan. Work will be conducted between 7:00 AM and 6:00 PM. The contractor will install appropriate traffic detour signs and barricades to direct traffic. No Parking signs shall be placed in work areas 48 hours prior to traffic control setup. Existing sidewalks shall be maintained as ADA compliant throughout the project duration with the exception of final flatwork and utility tie-ins.

In addition, there will be temporary water and wastewater service interruptions, primarily during pipeline tie-in and service reconnection. The contractor will coordinate with Austin Water dispatch to notify customers at least 72 hours in advance of service interruption.

A delay in this project will result in continued deterioration of the water and wastewater system causing additional breaks in the lines and maintenance costs. In addition, there is risk to homes and bridges from flooding during a major rain event should this project be delayed.

The project is located within an active, densely populated residential area consisting of apartment complexes,

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single-family residences, a public park, and an elementary school. Due to the potential for unforeseen circumstances or physical project conditions, a 15% 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. By authorizing the additional contingency funding, Council is authorizing any change orders within the contingency amount.

The contract allows 1,020 calendar days for completion of this project. This project is located within zip code 78758 (District 4).

PGC General Contractors, LLC is located in Austin, Texas.

**Strategic Outcome(s):**

Safety; Health and Environment