

Legislation Text

File #: BILL NO. 21-149, **Version:** 1

An Ordinance awarding the bid for Project No. 324-21/22 (Curb) for the Curb Repair 21/22 Program to Phoenix Concrete & Underground, LLC in the amount of \$1,811,323.88, and authorizing the City Manager to execute an agreement for the same. (PWC 7/12/21 - 2 to 1 vote.)

(Note: First reading by Council on July 20, 2021.)

Issue/Request:

An Ordinance awarding the bid for Project No. 324-21/22 (Curb) for the Curb Repair 21/22 Program to Phoenix Concrete & Underground, LLC in the amount of \$1,811,323.88, and authorizing the City Manager to execute an agreement for the same.

Key Issues:

- The Curb Repair 21/22 Program will replace 60,700 lineal feet (11.5 miles) and renovate 108 sidewalk ramps (hereinafter "Project No. 324-21/22 (Curb)").
- Project No. 324-21/22 (Curb) is funded by the Transportation Sales Tax Fund and supplemented with the 2017 CIP Sales Tax Renewal.
- Public Works issued an advertisement for bids for the construction of Project No. 324-21/22 (Curb) on June 7, 2021, in accordance with local policies and state statutes.
- Phoenix Concrete & Underground, LLC (hereinafter "Contractor") was found to be the lowest and most responsible bidder by City staff.
- The City desires to enter into an agreement with the Contractor to construct Project No. 324-21/22 (Curb).

Proposed Council Motion:

I move for adoption of an Ordinance awarding the bid for Project No. 324-21/22 (Curb) for the Curb Repair 21/22 Program to Phoenix Concrete & Underground, LLC in the amount of \$1,811,323.88, and authorizing the City Manager to execute an agreement for the same.

Background:

The primary purpose of the annual Curb Repair Program is to replace deteriorating curb and gutter on streets

scheduled to be part of the City's Overlay program the following year and updates sidewalk approaches to current specifications as required by the Federal Americans with Disabilities Act. The City has been replacing curb in this manner for over 20 years.

The volume of work over this time has on rare occasions caught up with the overlay program. This year happens to be the third time in 20 years that the annual Curb Repair Program includes spot curb and gutter replacement on streets not tied to next year's overlay plans. This year's program will be focused in residential neighborhoods, replacing 60,700 lineal feet (11.5 miles) and renovating 108 sidewalk ramps to comply with the Americans with Disabilities Act.

Much of the curb and gutter placed in the KC Metro between 1985 and 2008 was installed using local limestone aggregate that was of poor quality because it was relatively soft compared to previous sources of limestone rock. The aggregate still met local specifications at that time, and worked well for buildings, foundations and most structures. However, when used for paving, curb and sidewalks, the aggregate was prone to fail within 10 years.

The frequent and harsh freeze-thaw cycling, combined with wet conditions, accelerated the concrete failure process "D-cracking" that disintegrates concrete from the inside out. The soft limestone absorbs water. As the water freezes, it expands and cracks the aggregate and concrete from the inside out. This process took several years to surface, and then some time later the concrete industry and builders adopted new codes, etc.

Impact/Analysis:

Public Works Engineering advertised for bids for Project No. 324-21/22 (Curb) on June 7, 2021. Potential bidders were notified through QuestCDN, the City website, and a mass email notification. Two (2) responsive bids were received by the June 28, 2021, bid opening date. The bids were evaluated, and City staff determined Phoenix Concrete & Underground, LLC to be the lowest and most responsible bidder. The recommended bid is approximately 0.5% lower than City staff's estimate.

Timeline:

Start: mid-late August

Completion: mid-late November (90 days)

Michael Park, Director of Public Works

Staff recommends approval of an Ordinance awarding the bid for Project No. 324-21/22 (Curb) for the Curb Repair 21/22 Program to Phoenix Concrete & Underground, LLC in the amount of \$1,811,323.88, and authorizing the City Manager to execute an agreement of the same.

Committee Recommendation: The Public Works Committee voted 2-1 (Councilmember Johnson "No"), to recommend to City Council approval of an Ordinance awarding the bid for Project No. 324-21/22 (Curb) for the Curb Repair 21/22 Program to Phoenix Concrete & Underground, LLC in the amount of \$1,811,323.88, and authorizing the City Manager to execute an agreement of the same.