

Legislation Text

File #: BILL NO. 20-118, **Version:** 1

An Ordinance awarding the bid for Project No. 324-20/21 (Curb) to Phoenix Concrete & Underground LLC in the amount of \$2,130,805.26, and authorizing the City Manager to execute an agreement of the same.
(Note: First reading by Council on July 7, 2020. Passed by unanimous vote.)

Issue/Request:

An Ordinance awarding the bid for Project No. 324-20/21 (Curb) to Phoenix Concrete & Underground LLC in the amount of \$2,130,805.26, and authorizing the City Manager to execute an agreement of the same.

Key Issues:

- The annual Curb Program replaces damaged and deteriorated curb on some of the streets scheduled for overlay in the following fiscal year.
- The annual Curb Program updates sidewalk approaches to current specifications required by Federal Americans with Disability Act (A.D.A.).
- Phoenix Concrete & Underground LLC was found to be the lowest and best responsible bidder.

Proposed Council Motion:

I move for adoption of an Ordinance awarding the bid for Project No. 324-20/21 (Curb) to Phoenix Concrete & Underground LLC in the amount of \$2,130,805.26, and authorizing the City Manager to execute an agreement of the same.

Background:

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, 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 time for the concrete industry and builders to adopt new codes, etc.

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. 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 second 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 81,500 lineal feet (15 miles) and renovating 123 sidewalks ramps to comply with the Americans with Disabilities Act.

Timeline:

September 2020 - November 2020

Other Information/Unique Characteristics:

Public Works Engineering issued Bid No. 324-20/21 (Curb) on June 10, 2020. This project's Invitation to Bid was posted for advertisement on the City's website and at Quest Construction Data Network. Four contractors downloaded plans and specs. A Pre-Bid conference via Zoom video conferencing was held June 23, 2020. Four companies attended the Pre-Bid Conference. Two (2) responsive bids were received by the July 1, 2020 bid opening date. The bids were evaluated, and City staff determined Phoenix Concrete & Underground LLC to be the lowest and best bidder. The recommended bid is approximately 5.8% lower than City staff's estimate.

George Binger, Deputy Director of Public Works / City Engineer

Staff recommends approval