



the same in the amount of \$1,035,886.42.

Background:

Surface Sealing is a street surface treatment designed to extend the life of existing pavements at about one-third to one-fourth the cost of milling and overlaying a pavement with new asphalt. Timely application is necessary to extend the life of existing pavements. This process is similar in concept to painting a house instead of waiting to replace the siding.

Surface Sealing with Micro Surface is a specialized process, which is performed by few contractors that specialize in its installation. Surface Sealing uses a mixture of fine aggregate, polymer asphalt binders, cement, and filler materials to seal the entire roadway with a 1/4 inch-thick layer of the slurry mixture. The first step in the sealing process is filling surface cracks and voids to make them weather tight, similar to caulking seams on a house to prevent water infiltration. The surface seal mixture is then placed over the entire street to provide a water resistant surface that mitigates aging of the pavement cause by UV rays from the sun.

Timeline:

Start: July 2018

Finish: September 2018

Other Information/Unique Characteristics:

The Public Works Department issued Bid No. 324-18/19 (Surface Seal), Surface Seal 18/19, on April 12, 2018. This project's Invitation to Bid was posted for advertisement on the City's website and at Quest Construction Data Network. A Pre-Bid conference was held April 24, 2018. Two companies attended the Pre-Bid Conference. One bid was received by the May 3, 2018 bid opening date. The bid was evaluated, and City staff determined Vance Brothers Inc. to be the lowest and best responsive bidder.

Staff Recommendation: Staff recommends approval.

Committee Recommendation:

This item would normally be routed through Public Works Committee (PWC). However, with no committee meeting scheduled for May, the PWC Chair, in consultation with the Director of Public Works, recommended presenting this item directly to Council to keep the proposed construction work on schedule.