



Agenda Report

Fullerton City Council

MEETING DATE: MAY 21, 2019

TO: CITY COUNCIL / SUCCESSOR AGENCY

SUBMITTED BY: KENNETH A. DOMER, CITY MANAGER

PREPARED BY: MEG McWADE, PUBLIC WORKS DIRECTOR
ROGER DELGADILLO, EQUIPMENT SUPERINTENDENT

SUBJECT: REQUEST TO PURCHASE A REPLACEMENT PAVER
FOR STREET REPAIRS

SUMMARY

As part of the regular vehicle replacement program, Staff is requesting approval to purchase a paver to replace one that was permanently damaged in February 2018.

RECOMMENDATION

Approve the purchase of a replacement paver for the Public Works Department in an amount not-to-exceed \$200,000.

PRIORITY POLICY STATEMENT

This item matches the following Priority Policy Statement/s:

- Infrastructure and City Assets.

FISCAL IMPACT

The total cost for the new paver will be \$199,378.18. Funds are budgeted in the Equipment Replacement Program.

DISCUSSION

As part of the City's vehicle replacement program, Staff has identified sufficient funds to purchase the paver. This will replace a 13 year-old paver that was permanently malfunctioned in February 2018. Since the machine has been out-of-service there has been a 50-60% increase in pothole development on some of our worst sections of roadway.

The replacement paver will be assigned to the Public Works Department and used by the Street Division to do small overlays in residential streets, parking lots and alleys, and assist the Water Division with asphalt patching after water main breaks. The new paver will be primarily used to repair pothole-damaged roads that are beyond the maintenance curve and in need of total reconstruction. Overlaying large segments of streets with asphalt is a more cost-effective method than total reconstruction which involves removal and replacement of existing road from top asphalt layer to underlying base material.

This commercial paver is a medium sized unit that is designed for smaller residential / parking lot applications rather than paving curb to curb in arterials. In Fiscal Year 2019-20, the Division plans to purchase 1,500 tons of hot paving asphalt to be used to overlay eight to twelve small streets or segments of streets, one of our fifty City-owned parking lots and two alleys annually. For the most part, the parameters used to select the street segments would be a maximum width of 33' with a length of 600 linear feet, with pavement conditions that are rated from poor and above. The streets will be prioritized initially based on number of work orders (sometimes including neighboring segments due to economies of scale working in the same area), with the goal to redirect staff time from pothole repair to other paving work.

The use of the paver will also enable in-house crews to perform more immediate pavement repairs related to water main breaks. Over the last several years, the City has been renting equipment for these repairs. It costs a great deal to rent equipment with a typical minimum rental period of four days. To maximize the City's investment in rental equipment, Staff would add the repairs to a list over time until there were enough repairs to warrant a four day rental. Access to an in-house paver enables a more immediate response.

The paver will be purchased through our Sourcewell contract. Sourcewell is an organization (a national cooperative) that performs competitive contract purchasing for products and services on behalf of their members. Utilizing these contracts saves the City time and money. The Sourcewell contract is with Nixon-Egli Equipment Co. and is included as Attachment 1 with a brochure on the paver included as Attachment 2.

Attachments:

- Attachment 1 – Quote for Replacement Paver
- Attachment 2 – Leeboy 8510E Brochure