



## AGENDA MEMORANDUM

Action Item for the City Council Meeting of April 20, 2021

**DATE:** April 20, 2021

**TO:** Peter Zanoni, City Manager

**FROM:** Richard Martinez, Director of Public Works  
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### Purchase of One 2020 Gradall XL3100 Wheeled Excavator for Public Works

#### **CAPTION:**

Motion authorizing the purchase of one replacement 2020 Gradall XL3100 wheeled excavator from Waukesha-Pearce Industries, Inc. of Corpus Christi, Texas for a total amount of \$364,233.05, to be used for pavement repairs of City streets by the Department of Public Works, with FY 2021 funding available and included in the Vehicle and Equipment Replacement Fund.

#### **SUMMARY:**

This motion authorizes the purchase of one-wheel excavator to be utilized to excavate base and pavement repairs and/or utility cut restoration repairs across the 2,919 lanes miles that comprise the City of Corpus Christi's street inventory. This unit will replace the one unit currently in Public Works' Street Maintenance inventory.

#### **BACKGROUND AND FINDINGS:**

The Department of Public Works has identified a need to replace the Gradall XL3100 wheel excavator. This current unit has exceeded its useful life expectancy of ten years and 8,400 logged service hours. The unit is 16 years old with 11,327 logged service hours. The current unit is no longer operational since the repairs will exceed the value of the machine and it is awaiting disposition in the auction yard.

In the past three years, on average this unit was utilized to restore an average of 14,110 utility pavement cuts to pre-pavement cut quality (the quality of the pavement prior to Utilities cutting into the street and excavating the street's structural base layer) and an average of 149 base and pavement repairs annually. Due to the loss of this unit, street maintenance crews have had to delay base and pavement repairs and utility cut restorations during the first half of FY 2021. Work is currently being completed with assistance from the new asphalt milling machine and a smaller paving unit. While the crew's production is slowly trending upward, they are not meeting monthly performance goals like they would with a functional wheeled excavator. This unit will also be used by the base and pavement crew/operations. This unit also could be used in scenarios in which

emergency trenching or excavating is needed, for example stormwater pipe replacements, cave-ins, etc.

The 2020 Gradall XL 3100 wheeled excavator purchase includes an extended five-year warranty and in-person on-site employee training for all employees planned to utilize the unit in their normal day-to-day job responsibilities.

**PROCUREMENT DETAIL:**

This procurement is being facilitated through the Sourcewell Cooperative. Contracts awarded through the Sourcewell Cooperative have been competitively procured in compliance with Texas Local and State procurement requirements. The percentage of saving on the Sourcewell Cooperative is \$14,177.56 less than list price of \$378,410.61. In view of this savings, this is the best method of purchase for the City for this Gradall XL3100 wheeled excavator unit.

**ALTERNATIVES:**

The alternative to purchasing the wheel excavator is to rent one. However, this will not be cost effective for the long-term, and the equipment may not be readily available when needed, if rented.

**FISCAL IMPACT:**

The FY 2021 fiscal impact of this purchase totals \$364,233.05 for one 2020 Gradall XL3100 wheeled excavator unit to be funded through the FY 2021 Vehicle & Equipment Replacement Fund.

**FUNDING DETAIL:**

|                        |              |                                      |
|------------------------|--------------|--------------------------------------|
| Fund:                  | 5111         | Vehicle & Equipment Replacement Fund |
| Organization/Activity: | 12431        | Streets Fund Fleet                   |
| Mission Element:       | 201          | Manage Fleet Inventories             |
| Project # (CIP Only):  | N/A          |                                      |
| Account:               | 550020       | Vehicles and Machinery               |
| Amount:                | \$364,233.05 |                                      |

**RECOMMENDATION:**

Staff recommends approval of the capital equipment purchase from Waukesha-Pearce Industries, Inc. for one 2020 Gradall XL3100 wheeled excavator unit.

**LIST OF SUPPORTING DOCUMENTS:**

Price Sheet