



City of Eustis

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TO: EUSTIS CITY COMMISSION

FROM: Tom Carrino, City Manager

DATE: March 7, 2024

RE: Resolution Number 24-28: Approval of Purchase in Excess of \$50,000 for Rental of a Concrete Crushing Machine

Introduction:

Resolution Number 24-28 authorizes the rental in excess of \$50,000 for a Concrete Crushing Machine and Screening Machine to separate larger stones from finer roadway material.

Background:

The Public Works Department saves demolished sidewalks and other concrete items to recycle for future re-use. Every couple of years a concrete crushing machine is rented to create material for various purposes: #5 stone is used for erosion control; #57 stone is used for earthwork and utility construction; and concrete fines are used for roadway construction.

The cost to rent this machinery replaces tipping fees that would have to be paid if the used concrete was taken to the County Landfill. Crushing the used concrete also saves the cost of having to buy the necessary stone and fines for construction and maintenance purposes.

We performed this operation in 2013, 2017, and 2020. In 2013, we received bids and PowerScreen of Florida, Inc. came in as the low bidder. In 2017, they honored their 2013 pricing, which was also the low bid at that time. In 2020, they agreed to honor the same pricing for us again.

With their latest pricing they will still honor their 2013 cost, which is \$30,000/month, with transportation fees of \$2,000, for a Trakpactor 320 Crusher. This year, the Public Works Department will need a second machine, a Chieftain 1400 Screener, for separating the larger rocks from the finer product that is used for roadway construction. The quoted price to rent this machine for a month is \$17,000, plus \$1,500 for transportation fees. The total amount for rental and delivery charges of both these machines is \$50,500. The approved 2023/2024 Capital Improvement Budget has sufficient funds for this purchase.

Staff would like to start the Concrete Crushing operations as soon as possible. Staff anticipates the work will be completed within a one-month span.

The City's Purchasing Ordinance requires that the Commission approve any purchase that exceeds \$50,000.

Recommended Action:

Staff recommends approval of this resolution.

Discussion of Alternatives:

1. Alternative 1 approves Resolution Number 24-28 and authorizes a purchase order in the amount of \$50,500 for the expenditure described above.

Advantages:

- The City will carry on with its daily maintenance and construction schedules.

Disadvantages:

- The City will expend budgeted funds.

2. Alternative 2 defeats Resolution Number 24-28.

Advantages:

- There is no advantage to denying the resolution. Crushed concrete is required as part of the process of multiple tasks throughout the City.

Disadvantages:

- Without the services of a concrete crushing machine, Public Works will have to purchase the rock needed for various maintenance and construction purposes; as well as, paying tipping fees to dispose of the used concrete in the landfill.
- This operation will commence at the David Walker facility, where an adjacent subdivision is under construction. Staff desires to perform this work prior to residents moving in adjacent to this operation. Future crushing operations will be performed at the CR44 yard.

Budget/Staff Impact:

The funds for the proposed purchase have been included in the approved Fiscal Year 2023/2024 C.I.P. budget.

Prepared By:

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Reviewed By:

Rick Gierok, P.E.
Director of Public Works & Utilities

Attachments:

Resolution Number 24-28
Trakpactor Concrete Crusher Quote Summary
Chieftain 400 Screener