



STAFF REPORT

Meeting Type: City Council
Meeting Date: August 21, 2023
From: Jennifer Coker
Subject: Compact Excavator procurement for the Public Works Department

DECISION TO BE MADE:

Whether to authorize the interim City Manager to procure a Compact Excavator for the Public Works Department.

BACKGROUND / CONTEXT:

The intent in purchasing an excavator is to increase operational efficiency and build a more resilient equipment fleet. Sandy Public Works (PW) currently operates with a 2006 Case backhoe as our only piece of construction equipment. When an emergency or project requires the backhoe to be used on site, the machine must be driven between the Operations Center and the site to load backfill, perform excavation/trenching, and assist in restoration. With the purchase of an excavator, PW will increase productivity, resiliency, and efficiency in the daily operation and maintenance of Sandy's infrastructure.

The City is a member of Sourcewell (formerly National Joint Powers Alliance), a cooperative procurement alliance that streamlines purchasing by developing RFPs for national, competitive solicitations. Utilizing this membership, staff contacted three Oregon equipment suppliers to request quotes for a new excavator.

Key attributes, options, and functions were listed to be included in the quote:

- Machine weight: 10,000-14,000lbs fully enclosed
- Adequately sized trailer to haul excavator
- Hydraulic thumb
- Three digging buckets
- 4-way tilt grading blade
- Mower/flail attachment with adequate cab protection
- Safety lighting
- Hydraulic quick connect for switching bucket/attachment

KEY CONSIDERATIONS / ANALYSIS:

In recent years, PW has rented an excavator to assist in right-of-way maintenance and construction related projects that require excavation. With Sandy taking over jurisdiction of Highway 211, an excavator with a mower/flail attachment has served as the safest and most effective maintenance tool to properly care for these areas. Rental rates for an excavator are nearing \$2000.00/week and the mower/flail attachment is around \$1500.00/week. Sandy typically schedules six to eight weekly rentals per year to mow right-of-way, Stormwater facilities, Water reservoir sites, and other City facilities. Public Works also utilizes a rented excavator for two to four construction related projects each year. As with most Public Works equipment, a new excavator would be utilized by other City departments.

Staff requested quotes from PacWest Machinery, Pape Machinery, and Peterson Cat. These vendors were identified by researching products online, through prior experience while renting machines, and visiting vendors at their facilities. Determining criteria established in OAR 279B.070 included price, warranty, service level, and product functionality.

Quotes include all attachments and trailer:

PacWest Machinery – Volvo ECR50F Compact Excavator - \$112,084.00

Pape Machinery – John Deere 50G Compact Excavator - \$130,402.67

Peterson Cat – Cat 305 Compact Excavator - \$135,371.08

After scoring and discussion, the Pape Machinery John Deere excavator was identified as the product that best serves the needs of Sandy Public Works. The Pape Machinery quote met all functionality requirements that were requested. Pape has a large service and distribution center in Gresham that will cut down on travel when the machine needs service or repair.

BUDGET IMPACT:

The purchase of an excavator was budgeted into the 23-25 biennial budget and will be split into the four utility departments.

- Street Fund - 240-054-760000 = \$22,820.47
- Water Fund - 520-052-760000 = \$35,860.73
- Wastewater Fund - 530-053-760000 = \$35,860.73
- Stormwater Fund - 550-055-760000 = \$35,860.73

RECOMMENDATION:

Authorize the Interim City Manager to procure a Compact Excavator from Pape Machinery for Sandy Public Works.

SUGGESTED MOTION LANGUAGE:

"I move to authorize the Interim City Manager to procure a Compact Excavator from Pape Machinery for Sandy Public Works."

LIST OF ATTACHMENTS / EXHIBITS:

- Attachment 1 Excavator Quotes.
- Attachment 2 Selection Documentation