

ITEM #: 13
DATE: 03-08-22

COUNCIL ACTION FORM

**SUBJECT: RESOURCE RECOVERY SECONDARY DISC SCREEN
ROLLER REPLACEMENT**

BACKGROUND:

As part of the City's waste-to-energy (WTE) system, the Resource Recovery Plant utilizes sizing equipment to remove small inert non-burnable material from the refuse derived fuel (RDF). The equipment used for sizing is called a disc screen. This equipment uses metal rollers for separation. The gaps between the rollers allow the small inert non-burnable material to fall through. This small material is abrasive and wears the metal rollers down to a point where the tolerance is no longer ideal for quality RDF recovery. The current rollers have reached the end of their useful life and need to be replaced.

Clarke's Sheet Metal, Inc., Eugene, OR is the original equipment manufacturer (OEM) for the disc screen equipment and will provide a direct replacement of the rollers. The rollers are specific and proprietary to the OEM. The cost of the rollers is \$52,897, with an estimated shipping cost of \$1,645, for a total cost of \$54,542. Funding is available in the FY 2021/22 Resource Recovery System Improvement program at \$48,000. Staff has identified additional savings in FY 2019/20 Resource Recovery System Improvements program of \$8,000, making \$56,000 available for this purchase.

ALTERNATIVES:

1. Waive the Purchasing requirement for competitive bids, accepting Clarke's Sheet Metal, Eugene, OR as the sole source supplier, and awarding a purchase order in the amount of \$54,542 to replace the secondary disc screen rollers to Clarke's Sheet Metal, Inc.
2. Delay repairs to the secondary disc screen.

CITY MANAGER'S RECOMMENDED ACTION:

Staff has evaluated and determined that replacement of these rollers will maximize landfill diversion and the quality of the RDF supplied to the Power Plant by Resource Recovery.

Therefore, it is the recommendation of the City Manager that the City Council adopt Alternative No. 1.