

ITEM#: 20
DATE: 12-14-21

COUNCIL ACTION FORM

**SUBJECT: RESOURCE RECOVERY PRIMARY SHREDDER ROTOR
REPLACEMENT**

BACKGROUND:

The Resource Recovery Plant uses a Komptech Terminator 6000 SEF shredder to shred municipal solid waste. Trash is shredded when the hydraulically driven rotor in the shredder spins against the shredder door, which has offsetting teeth. This shredder is vital to the operation of the Resource Recovery Plant.

The current shredder was installed in 2013. The original rotor for the Komptech was replaced in 2017. The current rotor has over 10,000 hours of wear during four years of operation and must be replaced.

The rotor is provided only by the original equipment manufacturer, Komptech USA, which is the single source supplier of this item and will provide a replacement-in-kind. Hennen Equipment, INC. from Shakopee, MN is the factory authorized dealer for Komptech and will supply the replacement rotor. The cost of the rotor is \$57,795.35 with an estimated shipping cost of \$2,000, for a total cost of \$59,795,35.

Funding is available in the amount of \$60,000 from the FY 2021/22 Resource Recovery System Improvement Program (\$50,000 from the primary mill planetary replacement, which may be deferred; and \$10,000 in available carry-over savings).

ALTERNATIVES:

1. A. Waive the Purchasing requirement for competitive bids, accepting Hennen Equipment, INC (Komptech USA) as the single source supplier.
B. Award a contract in the amount of \$59,795.35 to replace the primary shredder rotor to Hennen Equipment, INC.
2. Delay repairs to the shredder.

CITY MANAGER'S RECOMMENDED ACTION:

This rotor is an integral part of the primary shredder, which is an essential piece of equipment in operating the Resource Recovery Plant. The rotor requires routine replacement, and there is only one supplier that can provide replacement-in-kind.

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