



MEMO TO CITY COUNCIL

Request to Include Topic on the City Council Agenda

From: Keith Watts **Meeting Date:** 9/24/2024
Presenter: Consent **Estimated Time:** 5-10 Min.
Topic: Approval of Sole Source for Huber Technology, Inc.

Recommended Council Action:

Approval of Sole Source for the purchased equipment of a Solstice SRT 11 Tilling Machine from Huber Technology, Inc. The compatibility of equipment, components, accessories, computer software, replacement parts or service is the paramount consideration.

Background:

The Huber Solstice tilling machine for the biosolids dryer is unique in that it uses a dual shovel type system that scoops the material away from the stainless steel thermally heated floor and flips the hot material to the top. The HUBER Sludge Turner Solstice has two motors: one drive moves the machine longitudinally to the drying area, the second turns the double shovel during forward travel in order to tip the sludge over its axis back into the sludge bed. It performs spreading and granulation of the sludge in the greenhouse and aeration, turning and mixing of the sludge bed. The Solstice machine transports dry sludge back to the sludge feeding area and mixes it into the freshly dewatered sludge, which results in the following advantages:

- Backmixing of dry sludge reduces odor-generating biological processes within the sludge due to the reduced water content.
- Pasty sludge becomes easier to handle - less force is needed to move the sludge.
- Quicker sludge drying - dry sludge increases the surface due to the open-porous structure.

There are no known functional equivalent biosolids machines that scoop and flips the material on the market as this one does. Huber Technology, Inc. sells exclusively through Gobal Sampson. Therefore, the Public Works Department requests a sole source procurement for the Huber Solstice SRT 11 Tilling Machine and related equipment & services per Idaho State Statute 67-2808 (viii).

This equipment will be purchased by the City's Contractor for the WRRF Biosolids Dryer Project.