



MEMO TO CITY COUNCIL

Request to Include Topic on the City Council Agenda

From: Keith Watts **Meeting Date:** 10/8/2024
Presenter: Consent **Estimated Time:** 5-10 Min.
Topic: Approval of Sole Source for Omega Thermo Products

Recommended Council Action:

Approval of Sole Source Purchase of a Stainless-Steel Heated Hopper and related equipment and a Stainless-Steel Thermal Floor and related equipment from Omega Thermo Products. Competitive solicitation is impractical, disadvantageous or unreasonable under the circumstances.

Background:

Stainless-Steel Heated Hopper:

The proprietary stainless-steel dry receiving hopper is constructed to allow hot water recirculation through the walls to act as a heat exchanger for further solids heating. This is a unique design that was developed between Brown and Caldwell and Omega Thermal Products and has been incorporated into the WRRF Biosolids plans and specifications. There are no known functional equivalent products on the market. Therefore, the Public Works Department requests a sole source procurement for the SST Dry Receiving Hopper per Idaho State Statute 67-2808 (viii) where competitive solicitation is impractical, disadvantageous or unreasonable under the circumstances.

Stainless-Steel Thermal Floor:

The proprietary stainless-steel thermal floor is designed to utilize the energy that is coming in via solar radiation, through the greenhouse, and transfer the heat energy through the floor into the biosolids being dried, which effectively reduces the required greenhouse size by approximately seventy five percent. It is capable of operating at a much higher temperature than a concrete heated floor and has significantly higher heat transfer than a concrete floor as well. This is a unique design that was developed between Brown and Caldwell and Omega Thermal Products and has been incorporated into the WRRF Biosolids plans and specifications. There are no known functional equivalent thermal floors on the market. Therefore, the Public Works Department requests a sole source procurement for the Omega Thermal Products - Stainless Steel Thermal Floor and related equipment per Idaho State Statute 67-2808 (viii) where competitive solicitation is impractical, disadvantageous or unreasonable under the circumstances.

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