

To: Board of Commissioners
From: Dan Goossen, Director of Organics Recycling
Date: June 28, 2023
RE: ORF Star Screener Procurement

The CSWD Organics Recovery Facility has shifted from a three-screener operation to a two screener operation in recent years. The Doppstadt trommel (barrel drum-type) screener handles our large film plastic removal during pre-screening as well as size reduction for some of the soil blend components. The primary screener for finished compost is a star-type screener which allows processing even during periods of wet weather and is capable of the large volume throughput required to stay ahead of the curve year-round. The 2012 Komptech L3 star screener was purchased as a 3-year old machine in 2015 and has performed well, but is due for replacement.

Staff issued RFP No. 20230522 for a compost star screener. RFP No. 20230522 – ORF Star Screener Procurement was posted online to the VT Business Registry and was also emailed to three regional vendors:

- Timber Ridge Equipment, Ephrata, PA
- Simplicity Equipment and Service, Westfield, MA
- Ecoverse, Avon, OH

Vendor Name	Timber Ridge Equipment	Simplicity Equipment	Simplicity Equipment	Simplicity Equipment	Simplicity Equipment
Make/Model Proposed	2024 Eggersmann S60 Star Select	2023 Komptech XXL-2-KP	2022 Komptech XL3KP	2023 Komptech XL3KP	2022 Komptech XL3KP (Used, 300 hrs)
Total with trade-in	\$530,000	\$619,000	\$686,000	\$697,000	\$649,000
Bid Selection Score					
Total Score	9.2	7.5	6.1	5.6	6.6

The bid selection criteria were based on the following:

- Delivery Schedule
- Thoroughness of Proposal
- Quality of Service and Maintenance
- Total Bid Cost

Five total bids were received from two different vendors. Upon review of the bids, the Timber Ridge Equipment, Eggersmann Star Select S60 was the lowest cost and also achieved the highest rating due to all criteria with the exception of delivery schedule. Though CSWD has not previously purchased equipment from Timber Ridge Equipment, staff have visited the facility, met with the owners and technicians and have received many references citing exceptional service from other composters and

equipment manufacturers who have long-standing business with them. The Eggersmann lead time is March of 2024 pending completion of an order in July.

Staff is recommending the purchase of the Eggersmann Star Select S60 as all functional requirements are met with the bid, service is known to be superior, and for substantial cost savings compared to other received bids. The approved CSWD FY24 ORF Capital Budget has \$750,000 identified for the purchase of a star screener. Staff is requesting a purchase authorization of the Eggersmann Star Select S60 plus supporting options, equipment, and electrical installation for a total not to exceed \$615,000. The District will not pay for the equipment until received and inspected by staff in March of FY24, or in early FY24 in the case of the buckets and stacking conveyor.

Eggersmann Star Select S60 base machine	\$585,000
Trade-in value for 2012 Komptech L3 screener	(\$55,000)
Remote Control Option	\$8,000
Base price less trade-in plus remote	\$538,000
6cy Roll-out bucket	\$25,525
4cy bucket	\$12,575
Total loader buckets request	\$38,100
30"x40' pit portable radial stacking conveyor	\$26,050
Estimated electrical connections, wiring, cable	\$10,000
Grand Total	\$612,150

Multiple vendors were contacted for pricing on the supporting equipment included with the screener purchase. Staff requests the addition of the optional remote package to allow for uninterrupted processing and safer operations. A 6 cubic yard roll-out bucket is being added to enable loading the screener without the need for an incline ramp. This will facilitate simplified machine removal to facilitate regular maintenance. For further efficiency gains, staff would like to add a 4 cubic yard bucket for use by the loaders currently using 2.75 cubic yards. A 30" x 40' electrically driven stacking conveyor is requested for conveying the "mids" fraction coming off the new screen to allow for more efficient material handling. Finally, a small amount of additional electrical installation work will be required to wire in the new screener as well as the stacking conveyor.

Staff requests including the purchase of a 6 cubic yard roll-out bucket as well as a 4 cubic yard bucket from United Construction and Equipment of Williston, VT for a combined purchase price not to exceed \$38,100 as well as purchase authorization for a 30" x 40' stacking conveyor from Custom Conveyors & Fabrication of North Oxford, MA for an amount not to exceed \$26,050.

BE IT RESOLVED that the Board of Commissioners authorizes the Executive Director to enter into a contractual agreement for the purchase of an Eggersmann Star Select S60 compost screener with Timber Ridge Equipment, Ephrata, PA, for a total not to exceed \$538,000. Total project cost including installation and additional equipment shall not exceed \$615,000.