



TO: Board of Contracts and Awards
FROM: Michael P. Slevin III, P.E., Director, Environmental Services
Geoffrey M. Smyth, P.E., Division Manager, Science and Engineering
COPY: City Council, City Manager, City Clerk, SBE Coordinator, LEAP Coordinator,
Max Drathman, P.E., Project Manager, and Jessica Tonka, Finance/Purchasing
SUBJECT: TAGRO Steel Storage Structure, Request for Bids Specification No. ES18-0131F
– June 12, 2018
DATE: May 25, 2018

RECOMMENDATION SUMMARY:

The Environmental Services Department recommends a contract be awarded to General Mechanical, Inc., Tacoma, WA, in the amount of \$869,560, plus a 20 percent contingency, for a projected total of \$1,043,472, plus applicable sales tax, budgeted from the ES Wastewater Fund 4300, to construct a steel storage structure at the Central Wastewater Treatment Plant for TAGRO.

STRATEGIC POLICY PRIORITY:

- Strengthen and support a safe city with healthy residents.
- Assure outstanding stewardship of the natural and built environment.

This project will help improve safety and protect the quality of stored TAGRO soil by erecting a pre-engineered metal building at the Central Wastewater Treatment Plant (CTP) over the existing concrete storage slab.

BACKGROUND: The City manufactures and sells TAGRO soil, an award winning, environmentally friendly blend of pasteurized wastewater byproducts and other gardening components that allows the City to recycle 100 percent of Tacoma's biosolids, to home owners, contractors, and landscapers. TAGRO is produced year-round, but few sales occur during the winter. This creates a need for significant winter storage. Currently the City has two locations for TAGRO storage at the CTP. Only one location is covered. The other location is uncovered but was designed to be covered by a future structure. TAGRO soil must be kept dry to maintain quality. TAGRO staff use 30 foot by 60 foot plastic tarps to protect the soil at the uncovered location.

ISSUE: The soil is uncovered and recovered by a four-person crew whenever material is added or removed from the storage piles. This task uses staff time and is a safety hazard. The crew climbs atop 15 foot high unconsolidated soil piles to remove or secure the tarps. This process requires crews to carry heavy and awkward loads over steep, unstable ground. The risk for injury is much higher than the crew's other daily activities.

ALTERNATIVES: The alternative is taking no action and accepting the risk of injury to the work crew during tarping activities. There is also the added cost for the staff time spent covering and uncovering the soil. The TAGRO product will decrease in quality due to the increased exposure to the rain.



COMPETITIVE SOLICITATION: Request for Bids Specification No. ES18-0131F was opened May 22, 2018. Twenty companies were invited to bid in addition to normal advertising of the project. Five submittals were received. **General Mechanical, Inc** submitted the bid that resulted in the lowest evaluated submittal. The table below reflects the amount of the base award.

<u>Respondent</u>	<u>Location</u> <i>(city and state)</i>	<u>Submittal Amount</u> <i>(plus applicable sales tax)</i>
General Mechanical, Inc	Tacoma, WA	\$869,560.00
Rotschy, Inc.	Vancouver, WA (Yacolt)	\$899,700.00
CHG Building Systems Inc	Renton, WA	\$988,686.00
Rognlin’s, Inc.	Aberdeen, WA	\$1,099,000.00
Macro-Z-Technology Company	Tacoma, WA (Tumwater)	\$1,624,500.00

Pre-bid Estimate: \$1,185,000.00 plus sales tax
The recommended award is approximately 26 percent below the pre-bid estimate.

CONTRACT HISTORY: New contract.

SUSTAINABILITY: Covering the TAGRO soil to prevent quality degradation and reduce safety risks represents the best solution with respect to potential impacts on human health and the environment.

SBE/LEAP COMPLIANCE: The Local Employment and Apprenticeship Training Program (LEAP) goal is 200 hours. The Small Business Enterprise Program (SBE) reviewed the project and determined an SBE goal was not needed.

EXPENDITURES:

FUND NUMBER & FUND NAME *	COST OBJECT (CC/WBS/ORDER)	COST ELEMENT	TOTAL AMOUNT
4300 ES Wastewater Fund	ENV-04015-09-04	5330100	\$1,043,472
TOTAL			\$1,043,472

*Plus Applicable Sales Tax

REVENUES:

FUNDING SOURCE	COST OBJECT (CC/WBS/ORDER)	COST ELEMENT	TOTAL AMOUNT
4300 ES Wastewater Fund	523900	Rate Revenues	\$1,043,472
TOTAL			\$1,043,472

*Plus Applicable Sales Tax

FISCAL IMPACT TO CURRENT BIENNIAL BUDGET: \$1,043,472, plus applicable sales tax

ARE THE EXPENDITURES AND REVENUES PLANNED AND BUDGETED? Yes