



City of Tacoma

Resolution No.:

Meeting Date: February 20, 2024

**Contract and Award Letter
Purchase Resolution —Exhibit "A"**

TO: Board of Contracts and Awards
FROM: Michael P. Slevin III, P.E., Director, Environmental Services
 Jody Bratton, P.E., Senior Engineering Project Manager, Science and Engineering Division
COPY: City Council, City Manager, City Clerk, EIC Coordinator, LEAP Coordinator, and Dawn DeJarlais, Finance/Purchasing
SUBJECT: Standby Generator, Switchgear and Automatic Transfer Switch for the Solid Waste Main Receiving Building Compactors – Citywide Contract CW2257282/ Sourcwell Contract No. Cummins 09222-CMM – February 20, 2024 City Council
DATE: January 17, 2024

DS DS
 GMS MPS

RECOMMENDATION SUMMARY:

The Environmental Services (ES) Department recommends a contract be awarded to Cummins Inc., Renton, WA, in the amount of \$506,769.00, plus a 10 percent contingency, for a projected contract amount of \$557,445.90, plus applicable taxes, budgeted from the ES Solid Waste Fund 4200, for a standby generator, switchgear and automatic transfer switch to be used in the event of a power failure to operate the solid waste compactors in the Solid Waste Main Receiving Building.

STRATEGIC POLICY PRIORITY:

- Assure outstanding stewardship of the natural and built environment.

The Solid Waste Management (SWM) Main Receiving Building (MRB) Compactor Standby Generator Project will allow for continued solid waste compaction and disposal operation during a power outage. This continuity of operations provides SWM with the ability to maintain the environmental and public health benefits of being able to receive and process solid waste.

BACKGROUND:

The MRB facility was constructed in 2010 and contains equipment necessary to process, compact, and dispose of solid waste. The facility was constructed with standby power for only the lighting and heating ventilation and air conditioning (HVAC) systems. Periodically during severe weather or during planned power outages, the MRB compactors cannot operate thus causing a disruption in the processing of solid waste for disposal. During these events, solid waste materials must be top loaded without any compaction. This results in inefficient weights, increases the number of trailers that must be long hauled to the landfill, and based on the duration of the power outage could result in SWM restricting access and use of MRB. Additionally, in high-volume summer months, it could result in self-haul customers being turned away and delaying collection activities in the community.

ES is preparing to design a project to install a standby generator and associated equipment which will allow the compactors to have uninterrupted service in the event of a power outage.

ISSUE: The standby generator, switchgear, and electrical panel are very specialized pieces of equipment and require a one-year lead time to manufacture and deliver. Because of this time constraint, ES proposes to purchase this equipment for the equipment delivery and the start of construction efforts to coincide. Construction activity is anticipated to begin in 2025.



ALTERNATIVES: An alternative to this purchase is to maintain current power outage procedures in which SWM utilizes the singular drop bay in the facility without compaction services to allow disposal operations to continue until the power is restored. This alternative reduces the ability for SWM to dispose of solid waste off-site in an efficient and effective manner, requires more truck trips to the disposal location thereby increasing greenhouse gas emissions, and could result in restricted access to the MRB. Depending on the duration of the outage and the volume of material entering the facility, processing activities may not be able to keep up with the flow of materials, impacting SWM's ability to perform its core services.

COMPETITIVE SOLICITATION: The Finance Department established citywide Contract No. CW2257282/Sourcewell Contract No. Cummins 09222-CMM under which ES will purchase the needed equipment at the prices, terms, and conditions of this contract.

<u>Respondent</u>	<u>Location</u>	<u>Submittal Amount</u>
Cummins Inc.	Renton, WA	\$506,769.00

CONTRACT HISTORY: New contract.

SUSTAINABILITY: This project allows SWM to maintain continuity of operations even during sustained power outages and minimized greenhouse gas emissions due to fewer hauling trips. Maintaining solid waste receiving and processing activities is important to avoid restricted use of the MRB and prevent the accumulation of materials, which could otherwise have adverse environmental and public health impacts.

EQUITY IN CONTRACTING (EIC) COMPLIANCE: Not applicable.

LOCAL EMPLOYMENT AND APPRENTICESHIP TRAINING PROGRAM (LEAP) COMPLIANCE: Not applicable.



FISCAL IMPACT:

EXPENDITURES:

FUND NUMBER & FUND NAME	COST OBJECT (CC/WBS/ORDER)	COST ELEMENT	TOTAL AMOUNT
4200 – ES Solid Waste Fund	ENV-00116-05-11	5310100	\$557,445.90
TOTAL			Up to \$557,445.90

REVENUES:

FUNDING SOURCE	COST OBJECT (CC/WBS/ORDER)	COST ELEMENT	TOTAL AMOUNT
4200 – ES Solid Waste Fund	515200	6310010	(\$557,445.90)
TOTAL			Up to (\$557,445.90)

FISCAL IMPACT TO CURRENT BIENNIAL BUDGET: \$557,445.90, plus applicable taxes

ARE THE EXPENDITURES AND REVENUES PLANNED AND BUDGETED? Yes