



**TO:** Board of Contracts and Awards

**FROM:** Michael P. Slevin III, P.E., Director, Environmental Services  
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**COPY:** City Council, City Manager, City Clerk, SBE Coordinator, LEAP Coordinator,  
Lance Bunch, P.E., Project Manager, and Jessica Tonka, Finance/Purchasing

**SUBJECT:** Main Receiving Building Tipping Floor Resurfacing, Request for Bids  
Specification No. ES18-0169F – July 17, 2018

**DATE:** June 29, 2018

**RECOMMENDATION SUMMARY:**

The Environmental Services Department recommends a contract be awarded to American Restore Inc., Huntington Beach, CA, in the amount of \$477,355.00, plus a 15 percent contingency, for a projected contract total of \$548,958.25, plus applicable sales tax, budgeted from the ES Solid Waste Fund 4200, for improvements to the City of Tacoma’s Solid Waste Main Receiving Building tipping floor.

**STRATEGIC POLICY PRIORITY:**

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

This project resurfaces and extends the service life of the Solid Waste Main Receiving Building tipping floor by applying a protective high strength, corrosive resistant tipping floor coating.

**BACKGROUND:**

The Solid Waste Recovery and Transfer Center tipping floor is where solid waste dump trucks and customers empty municipal solid waste into a refuse bunker for consolidation. The floor is subjected to aggressive chemicals, impact loads, abrasive components, and damage from heavy processing equipment on a daily basis. An endless cycle of wear, impact, and abrasion, combined with chemical corrosives results in weakened concrete and wear at an accelerated rate.

ISSUE: Aluminum wear indicators embedded in the concrete floor provide warning of the amount of deterioration that has occurred. Due to the significant amount of wear on the existing concrete and exposure of the aluminum indicators, the City has chosen to resurface the floor with a sealed, high strength, iron aggregate floor topping specifically designed for the corrosive environment.

**ALTERNATIVES:**

The alternatives for this project are to resurface with a high strength concrete as currently exists or to take no action. Although the high strength concrete would have approximately the same life expectancy as the high strength iron aggregate topping, it would place the tipping floor out of service for several weeks longer than an iron aggregate resurface, which would have greater impacts to the operational use of the facility. The only remaining alternative would be to take no action and accept the risk associated with allowing the corrosive liquids and impact loads to continue to attack the floor. No action would lead to further corrosion and wear of the floor,



cracks and breaks which would be a safety hazard for slips and falls, and exposure of the structural rebar which could damage heavy equipment.

**COMPETITIVE SOLICITATION:**

Request for Bids Specification No. ES18-0169F was opened June 12, 2018. Two companies were invited to bid in addition to normal advertising of the project. The City received two bid submittals. The specification required the contractor to have direct responsibility for installation of the tipping floor coating system successfully completed within the past ten (10) years in the cumulative total amount of at least 100,000 square feet. The apparent low bid received from Concrete Restoration, Inc. did not meet these minimum requirements. The submittal from **American Restore, Inc.** did meet these minimum requirements and is recommended for award. The following table reflects the amount of the base award.

This project was previously solicited and approved for award by City Council on July 11, 2017, to Cascade Industrial Services; however, they were unable to meet the contract requirements and declined contract award before work began; this resulted in missing the summer weather window necessary for this work, therefore delaying until summer 2018.

<u>Respondent</u>	<u>Location</u> <i>(city and state)</i>	<u>Submittal Amount</u> <i>(plus applicable sales tax)</i>
Concrete Restoration, Inc.	Seattle, WA	\$400,313.08
<b>American Restore, Inc.</b>	<b>Huntington Beach, CA</b>	<b>\$477,355.00</b>

Pre-bid Estimate: \$435,000 plus sales tax  
The recommended award is approximately 9 percent above the pre-bid estimate.

CONTRACT HISTORY: New contract.

SUSTAINABILITY: When completed, this project will provide increased protection to the existing structural concrete slab and steel reinforcement extending the structural life expectancy of the area.

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



**FISCAL IMPACT:**

**EXPENDITURES:**

FUND NUMBER & FUND NAME	COST OBJECT (CC/WBS/ORDER)	COST ELEMENT	TOTAL AMOUNT
ES Solid Waste Fund 4200*	ENV-02009-08	5330100	\$ 548,958.25
<b>TOTAL</b>			<b>\$ 548,958.25</b>

\*Plus Applicable Sales Tax

**REVENUES:**

FUNDING SOURCE	COST OBJECT (CC/WBS/ORDER)	COST ELEMENT	TOTAL AMOUNT
ES Solid Waste Fund 4200*	512000	Rate Revenues	\$ 548,958.25
<b>TOTAL</b>			<b>\$ 548,958.25</b>

\*Plus Applicable Sales Tax

**FISCAL IMPACT TO CURRENT BIENNIAL BUDGET:** \$548,958.25, plus applicable sales tax

**ARE THE EXPENDITURES AND REVENUES PLANNED AND BUDGETED?** Yes

FINANCE PURCHASING  
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