



**TO:** Board of Contracts and Awards  
**FROM:** Kurtis D. Kingsolver, P.E., Public Works Director/City Engineer  
Michael P. Slevin III, P.E., Environmental Services Director  
Chris Storey, P.E., Project Manager, Public Works Engineering  
**COPY:** City Council, City Manager, City Clerk, SBE Coordinator, LEAP Coordinator, and  
Doreen Klaaskate, Finance/Purchasing  
**SUBJECT:** Asphalt Plant Four Bin Hopper System  
Request for Bids Specification No. PW17-0096F – July 11, 2017  
**DATE:** June 22, 2017

*M.P.S. III*

**SUMMARY:**

The Public Works Department recommends a contract be awarded to General Mechanical, Inc., Tacoma, WA, in the amount of \$409,770, plus applicable sales tax, budgeted from the Solid Waste Fund 4200 and Asphalt Plant Fund 5453, for the installation of a four bin hopper system at the asphalt plant.

**STRATEGIC POLICY PRIORITY:**

- Encourage and promote an efficient and effective government, which is fiscally sustainable and guided by engaged residents.
- Ensure all Tacoma residents are valued and have access to resources to meet their needs.

The four bin hopper system will allow Street Operations to blend their own aggregate used in the production of HMA manufactured with recycled asphalt product (RAP) and recycled asphalt shingles (RAS) which will reduce the amount of asphalt product and asphalt shingles entering the waste stream. Street Operations will also be able to produce permeable asphalt that can be used to repair existing permeable pavement allowing it to retain its effectiveness in handling storm water.

**BACKGROUND:**

ISSUE: Public Works Street Operations produces 10,000 to 15,000 tons of hot mix asphalt (HMA) annually. HMA is used for making permanent pothole repairs, replacing deteriorated street pavement surfaces and for the City’s residential street paving program, which overlays approximately 80 residential blocks annually. The four bin hopper system will allow Street Operations to manufacture HMA with a variety of aggregate blends and allow for the production of mixes including, but not limited to, HMA with RAP/RAS, and HMA with smaller aggregate for areas that require a smoother surface such as sidewalks, trails and walking paths, and permeable asphalt. This system will better meet the needs and requirements of the various types of maintenance activities performed by Street Operations.

ALTERNATIVES: The City can choose not to install the system and continue current operations manufacturing only one or two grades of HMA.



COMPETITIVE SOLICITATION: Request for Bids Specification No. PW17-0096F was opened May 30, 2017. Four companies were invited to bid in addition to normal advertising of the project. Two submittals were received. This project was listed on the City’s Purchasing website and advertised in the Tacoma Daily Index. The table below reflects the amount of the base bid.

<u>Respondent</u>	<u>Location (city and state)</u>	<u>Submittal Amount</u>	<u>Evaluated Submittal</u>
<b>General Mechanical, Inc.</b>	<b>Tacoma, WA</b>	<b>\$409,770.00</b>	<b>\$409,770.00</b>
Rognlins, Inc.	Aberdeen, WA	\$450,000.00	\$450,000.00

Pre-bid Estimate: \$315,250.00

The recommended award is 29.3 percent above the pre-bid estimate.

CONTRACT HISTORY: New contract.

SUSTAINABILITY: The four bin hopper system will allow Street Operations to blend their own aggregate used in the production of HMA manufactured with RAP/RAS, which will reduce the amount of asphalt product and asphalt shingles entering the waste stream. Street Operations will also be able to produce permeable asphalt that can be used to repair existing permeable pavement allowing it to retain its effectiveness in handling storm water.

SBE/LEAP COMPLIANCE: The recommended contractor is in compliance with the Small Business Enterprise (SBE) Regulation requirements per memorandum dated June 2, 2017. The SBE goal for this project is 12 percent. The SBE participation level of the recommended contractor is zero percent. General Mechanical, Inc. submitted the lowest evaluated bid per the SBE Regulation requirements. The Local Employment and Apprenticeship Training Program (LEAP) goal is zero hours.

**RECOMMENDATION:**

The Public Works Department recommends a contract be awarded to General Mechanical, Inc., Tacoma, WA, in the amount of \$409,770, plus applicable sales tax, budgeted from the Solid Waste Fund 4200 and Asphalt Plant Fund 5453, for the installation of a four bin hopper system at the asphalt plant.



**FISCAL IMPACT:**

**EXPENDITURES:**

FUND NUMBER & FUND NAME *	COST OBJECT (CC/WBS/ORDER)	COST ELEMENT	TOTAL AMOUNT
Asphalt Plant Fund 5453	PWK-00901-01	5330100	\$204,885
Solid Waste Fund 4200	ENV-00116-01-02	Various	\$204,885
<b>TOTAL</b>			\$409,770

\* General Fund: Include Department

**REVENUES:**

FUNDING SOURCE	COST OBJECT (CC/WBS/ORDER)	COST ELEMENT	TOTAL AMOUNT
Asphalt Plant Sales	490400	Various	\$204,885
Solid Waste Fund 4200	512000	Various	\$204,885
<b>TOTAL</b>			\$409,770

**FISCAL IMPACT TO CURRENT BIENNIAL BUDGET: \$409,770**

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

**IF EXPENSE IS NOT BUDGETED, PLEASE EXPLAIN HOW THEY ARE TO BE COVERED.**

FINANCE PURCHASING  
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