



TO: Board of Contracts and Awards
FROM: Kurtis D. Kingsolver, P.E., Public Works Director/City Engineer
FROM: Rae Bailey, Division Manager, Public Works Street Operations
COPY: City Council, City Manager, City Clerk, SBE Coordinator, LEAP Coordinator, and Doreen Klaaskate, Finance/Purchasing
SUBJECT: RAP, RAS, and RAP/RAS Blend Materials
DATE: Request for Bid Specification No. PW19-0384F – December 17, 2019
November 25, 2019

RECOMMENDATION SUMMARY:

The Public Works Department recommends a contract be awarded to Granite Construction Co, Everett, WA, in the amount of \$144,000.00, plus a 25 percent contingency, for a total amount of \$180,000.00, plus applicable taxes, for an initial contract term of one year with the option to renew for four additional one-year terms, for a projected contract amount of \$1,014,676.73 including inflation, plus applicable taxes, for the purchase of reclaimed asphalt product and reclaimed asphalt shingles on an as-needed basis.

STRATEGIC POLICY PRIORITY:

- Assure outstanding stewardship of the natural and built environment.
- Encourage and promote an efficient and effective government, which is fiscally sustainable and guided by engaged residents.

The reclaimed asphalt product (RAP) and reclaimed asphalt shingles (RAS) will be used in the production of Hot Mix Asphalt (HMA) by the City's Asphalt Plant and will reduce the amount of waste asphalt grindings and asphalt shingles from entering the waste stream.

BACKGROUND:

The Street Operations Division (Street Operations) produces 10,000 to 15,000 tons of HMA mix per year. HMA is used for permanent pothole repairs, replacing deteriorated street pavement surfaces, and for the City's residential street paving program, which overlays approximately 80 residential blocks per year.

ISSUE: The RAP/RAS blend purchased through this contract will be used to produce HMA with recycled materials.

ALTERNATIVES: If the contract is not awarded, Street Operations' ability to produce HMA with reclaimed material will be impacted as the City currently does not have the ability to process street grindings or shingles for use as RAP/RAS.

COMPETITIVE SOLICITATION:

Request for Bid (RFB) Specification No. PW19-0384F was opened October 29, 2019. Fifteen companies were invited to bid in addition to normal advertising of the project. Two submittals were received. One of the two submittals was non-responsive as they did not acknowledge Addendum No. 1. The contract awards are based upon the lowest unit prices for various bid items identified and allowed for in the RFB.



Granite Construction Co submitted a bid that resulted in the lowest evaluated submittal. The table below reflects the amount of the initial contract term.

<u>Respondent (RFB)</u>	<u>Location</u> <i>(city and state)</i>	<u>Submittal</u> <u>Amount</u>	<u>Evaluated</u> <u>Submittal</u>
Granite Construction Co	Everett, WA	\$144,000.00	\$144,000.00

Pre-bid Estimate: \$1,110,955.82 over five years
The recommended award is 8.7 percent below the pre-bid estimate.

CONTRACT HISTORY: New contract.

SUSTAINABILITY: The reclaimed asphalt product and reclaimed asphalt shingles will be used in the production of HMA by the City's Asphalt Plant and will reduce the amount of waste asphalt grindings and asphalt shingles from entering the waste stream. Properly maintained streets reduce claims for damages and reduces commute times, which then decreases fuel consumption.

SBE/LEAP COMPLIANCE: Not applicable

EXPENDITURES:

FUND NUMBER & FUND NAME	COST OBJECT (CC/WBS/ORDER)	COST ELEMENT	TOTAL AMOUNT
5453-PROD Asphalt Production	490220	5220100	\$1,014,676.73
TOTAL			Up to \$1,014,676.73

REVENUES:

FUNDING SOURCE	COST OBJECT (CC/WBS/ORDER)	COST ELEMENT	TOTAL AMOUNT
Asphalt Plant Sales	490220	Various	\$1,014,676.73
TOTAL			\$1,014,676.73

FISCAL IMPACT TO CURRENT BIENNIAL BUDGET: \$180,000.00

ARE THE EXPENDITURES AND REVENUES PLANNED AND BUDGETED? Yes

IF EXPENSE IS NOT BUDGETED, PLEASE EXPLAIN HOW THEY ARE TO BE COVERED. N/A