



CITY OF KIRKLAND
Department of Public Works
123 Fifth Avenue, Kirkland, WA 98033 425.587.3800
www.kirklandwa.gov

MEMORANDUM

To: Kurt Triplett, City Manager

From: Patrick Herbig, P.E., Project Engineer
David Snider, P.E., Capital Projects Manager
Kathy Brown, Public Works Director

Date: April 23, 2015

Subject: ANNUAL AGING/FAILING INFRASTRUCTURE REPLACEMENT PROJECT
AWARD CONTRACT

RECOMMENDATION:

Staff recommends that the City Council award a contract for the Annual Aging Infrastructure Replacement Project to Agostino Construction, Inc., of Maple Valley, WA, in the amount of \$162,955.

BACKGROUND DISCUSSION:

The Annual Aging/Failing Infrastructure Replacement Project is for the regular replacement of Surface Water Utility infrastructure that has surpassed expected and useful service lives and/or is experiencing other common system failures. The subject Project is a combination of two separate locations within the City (Attachment A) and, for economy-of-scale purposes, represents a combination of the 2013 and 2014 Program projects as discussed below.

The first location (Schedule A) is in the Holmes Point area and will replace approximately 260 linear feet of an existing 12-inch corrugated plastic pipe (CPP) culvert with new High Density Polyethylene (HDPE) pipe. The second location (Schedule B) is in the Par-Mac area and will replace approximately 44 linear feet of 24-inch diameter corrugated Metal Pipe (CMP) with new polyvinyl chloride (PVC) pipe. The two project sites were combined into one project package to save on design and in-house costs, as smaller projects (those less than \$150k) tend to have higher soft costs (design, inspection, and in-house administrative costs) as an overall percentage of total project costs.

With an engineer's estimate of \$163,810 for both schedules A and B, staff advertised for contractor bids on March 19, 2015. On April 2, 2015, four bids were received with Agostino Construction, Inc., determined to be the lowest responsive bidder, based on the Total Bid amount, as shown in the following summary:

Contractor	Schedule A	Schedule B	Total Bid
Agostino Construction, Inc	\$144,033	\$18,922	\$162,955
<i>Engineer's Estimate</i>	\$136,022	\$27,788	\$163,810
Budget Sewer	\$133,161	\$31,536	\$164,697
Kamins Construction, LLC	\$133,583	\$61,790	\$195,373
Kar-Vel Construction	\$233,155	\$104,436	\$337,591

The Annual Replacement of Aging/Failing Infrastructure Program receives \$200,000 per year in funding and, due to the nature of the work, construction is generally performed in the drier summer months. The construction of the subject Project was originally planned for the 2014 construction season; however, a delay in obtaining all necessary easements deferred the construction start until early summer, 2015. The two-year funding total for a combined 2013 and 2014 Project is \$400,000 and, based on the currently estimated grand total for the subject Project at completion, \$70,000 is available now for return to the original funding source (Attachment B).

With the City Council's award of Project, work will begin in June and will be complete before the end of July, 2015. In advance of construction, Public Works staff will notify all immediately adjacent and directly impacted property owners. Staff will also send a construction informational mailer directly to nearby residents providing Project timelines and pertinent contact information.

Attachment A: Vicinity Map

Attachment B: Project Budget Report

Annual Aging/Failing Infrastructure Replacement Project

Project Budget Report

