



City of Yakima

2312E

Emergency Purchase Justification

Requestor Name: Mike Shane, Water/Irrigation Manager	Your Department/Division: Public Works, Water/Irrigation
Requestor Phone: 509-576-6480	Requisition (PR) Number: NA
Cost Estimated (Incl. TAX): \$ 520,000.00	Funding Source Account No.: AC2792/6534
Requested Vendor: HLA Engineering and Land Surveying, Inc.	Is Budget Amendment Required: No
Vendor's Address: 2803 River Rd., Yakima, WA 98902	Vendor E-Mail : bannen@hlacivil.com
Vendor Contact Name: Ben Annen	Vendor Phone: 509-966-7000

1. What is the emergency situation? Describe damages or loss of property or essential services that are/may be a result of this emergency. (Attach extra sheet if necessary.)

Multiple waterline failures within the past 7 years, 2 w/in a recent one-week period. See attached.

2. What labor and/or materials are required? Attach a copy of your quote or estimate.

Design, engr. svc, construction install. for replacement of the existing waterline. See attached.

3. Did vendor quote prevailing wages, if applicable (e.g. repairs, construction, maintenance)? Yes No

4. Was vendor informed of the Intent and Affidavit filing requirements with L&I? Yes No

5. Does vendor have a current certificate of insurance on file with the City? Check ICE:

<http://cityice/purchasing/contractor-list/> Yes No

6. Are federal funds being used? If federal funds are being used, a SAM check must be completed before work begins and a cost price analysis must be done at earliest opportunity and a copy sent to Purchasing (see City Purchasing Manual for form).

Yes No

STATEMENT OF NEED:

My division's recommendation for an emergency purchase order and waiver of the quote or bid requirements is based upon an objective review of the emergency situation and appears to be in the best interest of the City.

I understand that if this purchase is over \$49,999, or if any change orders to this purchase increase the amount to \$50,000 or over, that our division must initiate and prepare necessary information (Resolution) to advise City Council that there has been an emergency situation requiring immediate action.

1.	<u>Mike Shane</u> Digitally signed by Mike Shane Date: 2023.11.27 08:33:25 -08'00'	<u>11/27/2023</u> Date
	Signature of Division Manager	
2.	<u>Scott Schafer</u> Digitally signed by Scott Schafer Date: 2023.11.27 08:37:18 -08'00'	<u>11/27/23</u> Date
	Signature of Department Head	
3.	<u>Susan Knotts, Buyer II, In lieu of Purchasing Manager</u>	<u>11/27/2023</u> Date
	Recommendation of Approval by Purchasing Manager	
4.	<u>Mark Palumbo</u>	<u>11/29/2023</u> Date
	Approval by Director of Finance and Budget	
5.	<u>Bob Harrison</u> Digitally signed by Bob Harrison Date: 2023.11.29 09:12:31 -08'00'	 Date
	Approval by City Manager	

**Please complete entire form and forward to Purchasing.
Purchasing will forward to the Finance Director and City Manager for final approval.**

2nd Avenue waterline break Emergency justification:

Background:

South 2nd Avenue from Division Avenue to West Pine Street has an existing 100-year-old 12" cast iron water main buried beneath the roadway. We have thousands of feet of the same size, type and era of waterline throughout the City. The City has experienced waterline breaks of this type of pipe in areas such as East Yakima Avenue (twice), North Front Street (twice), and East I Street. The section of waterline on South 2nd Avenue has seen an unusual number of breaks in recent years.

Since 2003, there have been a total of 7 waterline breaks along this ~1,300 ft. section of South 2nd Avenue; 2003, 2007, 2009, 2020 and 2022 and two in the last week (Nov. 10 and Nov. 16, 2023). See the attached figure below for break locations.

Each of the most recent waterline breaks on South 2nd Avenue has resulted in property damage to surrounding businesses and the roadway. The most significant impacts have been to NW Liquidators at 511/513 South 2nd Avenue. There are currently 4 pending claims with NW Liquidators as a result of the waterline breaks at an estimated amount of over \$1.6M. Any additional waterline breaks will result in additional property damage and continued claims.

Given the recent history of the breaks, the damage that has been caused to private property and the inevitable breaks that will continue to occur, replacement of this waterline has become an emergency. The cost to the City's Water utility to make the unscheduled, emergency repairs; the loss of water (estimated at approx. 2.5 million gallons with the last two breaks); the disruption to business owners dealing with the cleanup and damage to their property; and the continued efforts of our insurance adjuster working to resolve and pay the damage claims, cost the City millions of dollars to mitigate.

Temporary emergency measures:

The City repairs each waterline break as quickly and efficiently as possible utilizing our own crews. As with all emergency repairs, just the immediate repair is completed and other problems, known or unknown, may not be addressed. As a result, this section of waterline has at least seven emergency repairs affecting the integrity and functionality of entire system. Typical temporary emergency repair includes: replacing the damaged portion of waterline with new ductile iron (DI) pipe, excavation, cleanup, and repair of the damage roadway.

Permanent repairs:

Due to these recent waterline breaks, and the apparent inevitable future breaks, the Water Division is requesting an "Emergency Declaration" to permanently replace the waterline in South 2nd Avenue from Division Street to West Pine Street. To prevent future breaks the pipe needs to be replaced with new 12" DI pipe, including new valves, fire hydrants and water services. Upon approval, and in accordance with RCW 39.08.060 (emergency work) the Water Division will move forward with developing a Professional Services Agreement and Scope of Work with a consultant to provide engineering services for the project. The City does not have the capacity or expertise to perform this work in-house. As this is an emergency, the consultant must have the capacity, expertise, and availability to start on the project immediately. Estimated cost for design is \$60,000 and \$60,000 for Construction Engineering. We expect the design to take approximately one month after which the project will be bid using the standard bid and award requirements. The preliminary estimated cost of construction to replace the waterline is approximately \$350,000 - \$400,000. Budget is available in the Water (477) fund to complete the project. Expected completion of the replacement is March, 2024.

Request:

The Water Division is requesting an Emergency Declaration by the City Manager for the permanent replacement of this section of waterline. Without the designation, the City will continue to experience waterline breaks that could cost millions of dollars in damage, lost water, and claims.





