

# CITY OF YAKIMA/YAKIMA COUNTY PURCHASING DIVISION



129 North 2<sup>nd</sup> Street • Yakima, Washington • 98901

February 10, 2016

Dear Sir or Madam:

Subject: Bid No. 11602 Fire Hydrants for Water/Irrigation  
Addendum No. 3

Please see the following extended due date, changes and question asked.

**Extended Due Date:**

Bid due date has been extended to **2:00:00 PM, February 18, 2016**

**Changes:**

To lines 2, 20 & 21 of the Technical Specifications found on pages 14-16 of the bid documents. All city fire hydrants within the city limits are standardized. Therefore, the Technical Specifications need to be specific to the fire hydrants that are currently in place. Please use the REVISED Technical Specifications Form when submitting your bid.

- 2. ~~East Jordan Iron Works WaterMaster® 5CD250.~~
- 20. ~~d. —East Jordan iron Works BR/CD250 extension kit~~
- 21. ~~d. East Jordan iron Works BR/CD250 flange repair kit (part #00946447).~~

**Question asked:**

Line 15 needs a year range: 1989 and below, 1990-1995, or 1996-present.

- 1960 to present as long as the hydrant has a break away flange.

Please acknowledge receipt of this addendum on the signature page two (2) of the Bid document.

If you have any questions please do not hesitate to contact me at (509) 576-6696.

Sincerely,

Christina Payer, Buyer

City of Yakima/Yakima County Purchasing

## REVISED Technical Specifications

Item #	Specification	Yes	No	Comments
1	Fire hydrants shall be breakaway traffic model, dry barrel, dry top, meeting all current AWWA C502 specifications and as per the following specifications for installation by the City of Yakima.			
2	Hydrants to be Mueller Super Centurion 250, M&H Style 129, M&H style 929, or <del>East Jordan Iron Works WaterMaster® SCD250.</del>			
3	Hydrants to be designed for working pressure of 250 psig. The assembled hydrant shall be tested at the factory to 500 psig in both the open and closed positions. No leakage shall be allowed through the casting, main valve, joints or stem packing. Under test conditions the leak through the drain valves shall not exceed five (5) ounces per minute.			
4	Hydrants shall be assembled with two 2-1/2" National Standard thread hose nozzles at points 180°; opposite of each other and 90°; opposite of one 4-1/2" National Standard thread pumper nozzle.			
5	Hydrant nozzles must be field replaceable thread-in or lock-in type requiring no disassembly of hydrant domes or other hydrant parts, other than nozzle caps.			
6	Hydrant domes and nozzle caps to be painted black using Rustoleum's Paint #634 or equal non-lead paint.			
7	Hydrant nozzle body to be painted yellow using Rustoleum's #659 or equal non-lead paint.			
8	Nozzle caps are to be secured to nozzle body with non-kinking electro galvanized plated chain and swivel ring.			
9	Nozzle caps and operating nut to be 1-1/2" pentagon point to flat.			
10	Hydrants to have weather caps installed on or over the operating nuts.			
11	Two (2) hydrants are to be assembled for 4' bury. One (1) hydrant to be assembled for 4'6" bury. Eight (8) hydrants are to be assembled for 5' bury. Twelve (12) hydrants are to be			



## REVISED Technical Specifications

Item #	Specification	Yes	No	Comments
	assembled for 5'6" bury. Five (5) hydrants are to be assembled for 6' bury			
12	Inlet connection to be 6" mechanical joint shoe inlet connection attached to bury barrel by a flanged connection.			
13	Upper nozzle section to be attached to bury barrel by break-away flange type connection or break-away type bolts installed.			
14	Main operating rods shall have a break-away stem coupling.			
15	All hydrants must have open left type operating nut and main stem.			
16	The upper section of the operating rod must be double "O"-ring sealed from the nozzle body.  a. Hydrant shall have an "O"-ring sealed oil reservoir in the bonnet to adequately retain food grade lubricant for automatic lubrication and prevention of lubricant loss during shipping, storage or installation.  b. The lubricant reservoir filler plug must be accessible without removal of the hydrant dome or disassembly of other hydrant parts.			
17	Hydrants shall be a minimum distance from the horizontal centerline of the mechanical joint shoe inlet connection to the centerline of the 4-1/2" pumper nozzle, according to the following schedule:  4' bury = 63 inches  4'6" bury = 69 inches  5' bury = 75 inches  5'6" bury = 81 inches  6' bury = 87 inches			
18	Hydrants shall have a minimum of eighteen inches (18") clearance from center line of 4-1/2" inch pumper nozzle to the ground line bury point.			

## REVISED Technical Specifications

Item #	Specification	Yes	No	Comments
19	<p>The main valve is to be 5-1/4" minimum in size, AWWA compression type.</p> <p><b>a. Main valve material is to be rubber.</b></p> <p>b. The main valve seat is to be bronze with bronze to bronze valve seat ring and drain ring.</p> <p>c. Two rubber faced seal drain valves and drain openings shall be furnished.</p> <p>d. All ferrous metal exposed to water in the shoe of the hydrant shall be epoxy coated (4 mil minimum). This coating requirement shall include lower valve plate and retainer.</p>			
20	<p>Hydrant extension kits shall be:</p> <p>a. Mueller Super Centurion A-320</p> <p>b. M&amp;H Style 129 extension kit</p> <p>c. M&amp;H Style 929 extension kit</p> <p><del>d. East Jordan iron Works BR/CD250 extension kit</del></p>			
21	<p>Hydrant repair kits shall be:</p> <p>a. Mueller Super Centurion A-301</p> <p>b. M&amp;H Style 129 traffic repair kit</p> <p>c. M&amp;H Style 929 traffic repair kit</p> <p><del>d. East Jordan iron Works BR/CD250 flange repair kit (part #00946447).</del></p>			