

**Memorandum
Public Works Department**



To: City Manager
Subject: Request to Purchase Fire Hydrants
Date: February 27, 2017
Number: 2017-024

The Public Works Department's Utilities Maintenance Division policy is to allow a parts vendor a one year contract extension, without bid, as long as they had properly bid the previous year, the pricing is the same as the previous year, and the product still meets the minimum specifications set out by the division. The Public Works Department has contacted **Zimmer & Francescon Inc.** in regards to extending their contract for the 2017 Fire Hydrant purchases; they were agreeable to keeping the pricing and specifications the same as 2016.

Utilities Maintenance typically sees a yearly increase of approximately 3-5% on most utility parts, therefore, a 0% increase over the previous year helps to keep the plumbing supply budget steady and predictable.

Recommendation

The Public Works Department recommends that the City Council approve the payment to Zimmer & Francescon, Inc, 6200 65th Avenue, Moline, IL in the amount of \$43,848.16.

Vendor: Zimmer & Francescon, Inc, Moline, IL
Payment Amount: \$43,848.16

Fund:	501	Water Operations & Maintenance
Department:	619	Utilities Maintenance
Cost Center:	356	Water Distribution Maintenance
Object Code:	52303	Plumbing Supplies
Project:		

Requisition Number: R006534

Submitted by: Larry P. Cook, Interim Public Works Director
Patrick O'Brien, Utilities Maintenance Supervisor

Approved by: Randall D. Tweet, Interim City Manager



Fire Hydrant Bid Request Form (YR 2017)

City of Rock Island Public Works Department

Utilities Maintenance Division

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This bid proposal is for 5 ¼", Dry Barrel Fire Hydrants with the following minimum specifications (please check box next to specification if meets):

- Conform to the latest revision of AWWA Standard C502 with the following additional requirements or exceptions.
- Fire hydrants shall be designed for a working pressure of a minimum of 150 PSI.
- Hydrants shall have a main valve opening of at least 5 ¼".
- Hydrants shall be three (3) way type with one (1) pumper nozzle (4") and two (2) hose nozzles (2 ½") located on the same horizontal plane. All hydrant caps shall be 7/8" square in shape.
- Hydrant base shall be of the mechanical joint (MJ) type inlet to accommodate 6" DI pipe complete with plain rubber gasket, gland, bolts and nuts in accordance with AWWA C111.
- The hydrant main valve shall be the type that closes with water pressure. The valve assembly shall include one or more drain valves that work automatically with the main valve to drain the barrel when the main valve is in the closed position. The main valve assembly shall be sealed with sealed o-rings. The main valve assembly shall be able to be removed from the barrel without excavation.
- The hydrant upper valve plate, seat ring, and drain ring must be ASTM B-584 bronze or equivalent.
- The operating shaft and nut shall be bronze or DI and 7/8" square in shape. The operating nut shall be affixed to the bonnet with bushings or hold down nut or equivalent to prevent the nut from traveling during operation. A weather seal shall be incorporated into the bushing/hold down nut to protect the operating mechanism from the elements.
- Hydrants shall be grease lubricated or of a dry-top system where an oil reservoir will provide permanent lubrication. The lubricant shall be FDA approved non-toxic.
- The hydrants shall be a "traffic-model" having upper and lower barrels joined at the ground line by a separate and breakable safety flange, lug system, or equivalent providing for 360-degrees of rotation. The pressure seal between the two barrels shall be o-ring type with the proper ground line cast clearly on the barrel. The operating system shall consist of two (2) pieces and connected by a safety (breakable) coupling. The safety coupling shall be affixed to the hydrant stem in such a way to prevent it from sliding up or down the hydrant barrel.
- The upper exposed section of the hydrant shall be painted with a prime coat of rust inhibitive primer followed by a minimum of 10mil DFT shop coat of heavy duty alkyd enamel paint. The paint color shall be OSHA Safety yellow, similar to Federal Color No. 13591.
- Each fire hydrant shall be stamped (or otherwise noted) on the lower barrel, upper barrel, or bonnet to its bury depth in increments of 6".
- Each factory assembled hydrant shall be hydrostatically tested in accordance with AWWA C502

THANK YOU FOR YOUR BUSINESS!

HYD BURY	QTY	HYDRANT MAKE, MODEL	UNIT PRICE	LINE TOTAL
5'	1	6" MJ Clow Medallion F2545 Fire Hydrant w/Accessories	\$1,440.44	\$1,440.44
5'6"	4	6" MJ Clow Medallion F2545 Fire Hydrant w/Accessories	\$1,471.91	\$5,887.64
6'	5	6" MJ Clow Medallion F2545 Fire Hydrant w/Accessories	\$1,503.38	\$7,516.90
6'6"	9	6" MJ Clow Medallion F2545 Fire Hydrant w/Accessories	\$1,534.84	\$13,813.56
7'	3	6" MJ Clow Medallion F2545 Fire Hydrant w/Accessories	\$1,566.31	\$4,698.93
7'6"	3	6" MJ Clow Medallion F2545 Fire Hydrant w/Accessories	\$1,597.78	\$4,793.34
8'	1	6" MJ Clow Medallion F2545 Fire Hydrant w/Accessories	\$1,629.25	\$1,629.25
8'6"	1	6" MJ Clow Medallion F2545 Fire Hydrant w/Accessories	\$1,734.52	\$1,734.52
11'6"	1	6" MJ Clow Medallion F2545 Fire Hydrant w/Accessories	\$2,333.58	\$2,333.58
			SUBTOTAL	\$43,848.16
			FREIGHT/SHIPPING	-
			TOTAL	\$43,848.16

***Please provide an estimated delivery time for full quantity after order is placed. All parts are delivered to: Rock Island Utilities Maintenance, 1430 24th ST, Rock Island, IL 61201**

2-3 Weeks Availability