

RESOLUTION NO.

A RESOLUTION OF THE MAYOR AND CITY COMMISSION OF THE CITY OF MIAMI BEACH, FLORIDA, ACCEPTING THE WRITTEN RECOMMENDATION OF THE CITY MANAGER (AS FURTHER SET FORTH IN THE CITY COMMISSION MEMORANDUM ACCOMPANYING THIS RESOLUTION) AND WAIVING, BY 5/7THS VOTE, THE FORMAL COMPETITIVE BIDDING REQUIREMENTS, FINDING SUCH WAIVER TO BE IN THE CITY'S BEST INTEREST, AND AUTHORIZING THE PURCHASE OF SULZER PUMP EQUIPMENT, PARTS, SOFTWARE, SERVICE AND RELATED ITEMS FROM HYDRA SERVICE, INC., FOR PURPOSES OF STANDARDIZING SUBMERSIBLE PUMPS CITYWIDE, IN AN AMOUNT NOT TO EXCEED \$500,000 ANNUALLY, FOR A PERIOD OF THREE YEARS.

WHEREAS, the City of Miami Beach operates and maintains over 100 submersible pumps within the Wastewater and Stormwater Division of the Public Works Department ("PWD"); and

WHEREAS, the City's current submersible pumps are made by a variety of manufacturers, with an inventory that consists of seventy (70) Flygt pumps, eight (8) Wilo/Davis-Emu pumps, twelve (12) ABS pumps, nine (9) KGI Hydro pumps, and five pumps that are missing and need replacement; and

WHEREAS, each of the currently installed brands has specific engineering specifications that require each manufacturer of the pumps to supply all original equipment manufacturer (OEM), parts and replacement equipment; and

WHEREAS, each brand's specifications requires the City to manage multiple maintenance/repair agreements with different vendors, maintain a higher stock of spare parts for each brand's equipment and related items, reduces the City's ability to use different pumps and/or equipment and parts at different locations, and includes a much higher learning curve with respect to each manufacturer's specific maintenance and operations; and

WHEREAS, the Sulzer pump brand is well known in the industry for its high quality, durable pumps, which are used by many different municipalities, including Miami-Dade County and Orange County; and

WHEREAS, the Administration recommends standardizing its submersible pumps to two brands of pumps (Flygt and Sulzer), to minimize the issues that result from having many different brands of submersible pumps, decrease the required stock level of spare parts, allow for more interchangeable parts and pumps and more efficient utilization, and create leverage for service agreements; and

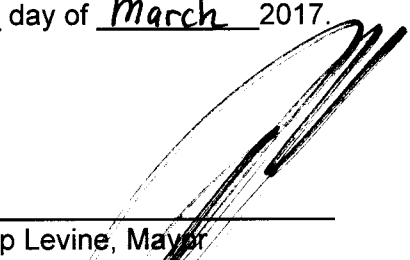
WHEREAS, Hydra Service, Inc. is the sole provider of Sulzer pump equipment and related items, and the City Manager recommends the waiver of the competitive bidding requirements with respect to purchases of Sulzer pumps and related items from Hydra Service, Inc., as being in the best interest of the City.

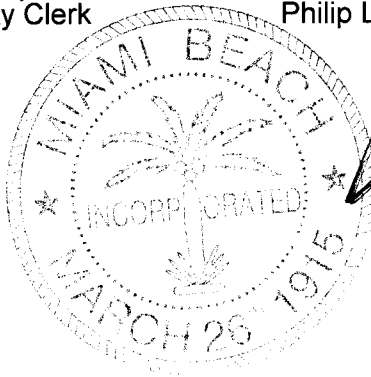
NOW, THEREFORE, BE IT DULY RESOLVED BY THE MAYOR AND CITY COMMISSION OF THE CITY OF MIAMI BEACH, FLORIDA, that the Mayor and the City Commission hereby accept the written recommendation of the City Manager (as further set forth in the City Commission memorandum accompanying this Resolution) and waive, by a 5/7th vote, the formal competitive bidding requirements, finding such waiver to be in the City's best interest, and authorize the purchase of Sulzer pump equipment, parts, software, service and related items from Hydra Service, Inc., for purposes of standardizing submersible pumps Citywide, in an amount not to exceed \$500,000 annually, for a period of three (3) years.

PASSED AND ADOPTED this 1 day of March 2017.

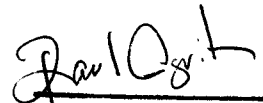
ATTEST:


3/9/17
Rafael E. Granado, City Clerk


Philip Levine, Mayor



APPROVED AS TO
FORM & LANGUAGE
& FOR EXECUTION


City Attorney RAF 2-14-17
Date

MIAMI BEACH

COMMISSION MEMORANDUM

TO: Honorable Mayor and Members of the City Commission
FROM: Jimmy L. Morales, City Manager
DATE: March 1, 2017

SUBJECT: 1. A RESOLUTION OF THE MAYOR AND CITY COMMISSION OF THE CITY OF MIAMI BEACH, FLORIDA, ACCEPTING THE WRITTEN RECOMMENDATION OF THE CITY MANAGER (AS FURTHER SET FORTH IN THE CITY COMMISSION MEMORANDUM ACCOMPANYING THIS RESOLUTION) AND WAIVING, BY 5/7TH VOTE, THE FORMAL COMPETITIVE BIDDING REQUIREMENTS, FINDING SUCH WAIVER TO BE IN THE CITY'S BEST INTEREST, AND AUTHORIZING THE PURCHASE OF SULZER PUMP EQUIPMENT, PARTS, SOFTWARE, SERVICE AND RELATED ITEMS FROM HYDRA SERVICE, INC., FOR PURPOSES OF STANDARDIZING SUBMERSIBLE PUMPS CITYWIDE, IN AN AMOUNT NOT TO EXCEED \$500,000 ANNUALLY, FOR A PERIOD OF THREE YEARS.

2. A RESOLUTION OF THE MAYOR AND CITY COMMISSION OF THE CITY OF MIAMI BEACH, FLORIDA, ACCEPTING THE WRITTEN RECOMMENDATION OF THE CITY MANAGER (AS FURTHER SET FORTH IN THE CITY COMMISSION MEMORANDUM ACCOMPANYING THIS RESOLUTION) AND WAIVING, BY 5/7TH VOTE, THE FORMAL COMPETITIVE BIDDING REQUIREMENTS, FINDING SUCH WAIVER TO BE IN THE CITY'S BEST INTEREST, AND AUTHORIZING THE PURCHASE OF FLYGT/XYLEM PUMP EQUIPMENT, PARTS, SOFTWARE, SERVICE AND RELATED ITEMS FROM XYLEM WATER SOLUTIONS U.S.A., FOR PURPOSES OF STANDARDIZING SUBMERSIBLE PUMPS CITYWIDE, IN AN AMOUNT NOT TO EXCEED \$500,000 ANNUALLY, FOR A PERIOD OF THREE YEARS.

RECOMMENDATION

Approve the Resolution.

ANALYSIS

Currently the City of Miami Beach operates and maintains over 100 submersible pumps within the Wastewater and Storm water Division of the Public Works Department (PWD). The purpose of these pumps is to convey wastewater throughout the City and off the island to Virginia Key. Also, these pumps convey storm water out of the streets and off the island to help control flooding and high tides.

Flygt and ABS are the manufacturers of the majority of the City's installed pumps. The Wastewater Division has a total of thirty-two (32) submersible pumps comprised of Flygt (Xylem), ABS (Sulzer), and Davis EMU. Twenty-eight (28) are Flygt, two (2) are ABS, and two (2) are Davis EMU. The Storm water Division has a total of sixty-seven (67) pumps. The pumps include forty-two (42) Flygt, six (6) Wilo-Emu, ten (10) ABS, and nine (9) KGI Hydro. The City also maintains other make/models of pumps installed in older projects. Each of the currently installed brands has specific engineering specifications that require each manufacturer of the pumps to supply all original equipment manufacturer (OEM), parts and replacement equipment. This creates the need to manage multiple maintenance/repair agreements and a higher stock of spare parts, less ability to use different pumps in different locations, and a much higher learning curve to each manufacturer's maintenance and operations. Moreover, the City owns multiple pumps (nine (9) KGI Hydro) for storm water whose parts and pumps are no longer available in the State of Florida. It is also important to note that the different brands are not interchangeable without significant modification of the system.

Going forward, the PW Department wishes to standardize for maintenance, parts and replacements on Flygt and ABS pumps depending on their location and use. The purpose of standardization is to resolve the issues that result from having the various brands of submersible pumps, including, narrowing the number of brands within the wastewater and storm water infrastructure decreases the required stock level of spare parts, allowing more interchangeable parts and pumps, creating leverage for service agreements and decreasing the learning curve for staff.

As a result of the aforementioned, the Administration recommends that the City standardize on Xylem and Sulzer brand pumps. The Xylem brand is the originator of the heavy duty electrical submersible pump and provides support, expertise, and the highest quality products available for pumping and mixing many different types of liquids. Similarly, the Sulzer brand has an understanding of the industry, long term experience, strong technical competencies, and continuous innovation which allows them to provide outstanding reliability and performance. Throughout the industry the Xylem and Sulzer brands of pumps are considered high quality durable pumps and are used by many different municipalities including Miami-Dade and Orange County.

Standardizing the submersible pumps used in the wastewater and storm water infrastructure would reduce the costs associated with the additional man hours needed to complete modifications to the current machine/equipment, operational design, and staff training. With minor modifications, the standardization would allow for interchangeability of parts and thus reduce down time in emergency situations. Finally, the City will be able to capitalize on the competitive pricing these vendors will provide.

The purpose of this item is to waive the competitive bidding requirements of the City and establish a standard for Xylem and Sulzer brand pumps so that future pump maintenance, repairs, parts and new equipment can be sourced from one of the two standard brands as applicable to the intended use.

CONCLUSION

Based on the foregoing, the City Manager recommends that the Mayor and City Commission

approve the Resolutions to waive, by a 5/7ths vote, the formal competitive bidding requirements, finding such a waiver to be in the City's best interest, and authorize the Administration to purchase service, parts, software and new equipment for future pump needs through Xylem and Sulzer submersible pump equipment, parts, software, service and related items for purposes of standardizing submersible pumps Citywide.

FINANCIAL INFORMATION

Legislative Tracking

Public Works

ATTACHMENTS:

Description

- ▢ Resolution 1
- ▢ Resolution 2