The CITY OF DAYTONA BEACH

—~~~— "THE WORLD'S MOST FAMOUS BEACH" —~~~—

Date: August 8, 2017

To: James V. Chisholm, City Manager

From: John J. Drago, Business Enterprise Management Director

Subject: **Resolution Purchasing Three Blowers – Bethune Point WWTP – Sole Source**

REQUEST

Utilities Department requests the City Commission adopt a resolution approving a purchase from TSC-Jacobs North on behalf of Gardner Denver NASH, LLC, P.O. Box 952453, St. Louis, MO 63195 in the amount of $356,321.00.

PURPOSE:

The purpose of this agenda item is to purchase three blowers for the Bardenpho Treatment System at the Bethune Wastewater Treatment Plant.

CONSIDERATIONS:

Bethune Point Wastewater Treatment Plant utilizes a 5-stage Bardenpho treatment system to remove nitrogen and phosphate. Stages 3 and 5 injects air into the treatment process by rotating two of the three blowers to assist in the removal of the two primary nutrients as stated above.

All of the blowers were purchased in 1986 and have exceeded its life expectancy and could fail at any time.

If two blowers were to fail, the wastewater cannot be treated to permit standards and must be discharged to the Halifax River. This violation of the plant's operating permit could subject the City to a fine of up to $10,000 a day.

Sole Source is justified for this purchase because TSC Jacobs is the local representative for the sale of Hoffman blowers. Hoffman blowers are currently the blowers in the system and would not require any significant additional expenses for installation compared to chancing manufacturers.

FUNDING

There are sufficient funds in the 5% Renewal & Replacement account – 425-610000-536-565000-611407.

RECOMMENDATION

Utilities Department recommends the City Commission adopt a resolution approving a purchase from TSC-Jacobs North on behalf of Gardner Denver NASH, LLC, P.O. Box 952453, St. Louis, MO 63195 in the amount of $356,321.00.

SCHEDULE		ATTACHMENTS
Commission Approval	September 2017	Agenda Summary
		Sufficiency of Funds
		Proposal
		Sole Source Letter
		Power Point