



City of Pembroke Pines, FL

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Agenda Request Form

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**Agenda
Section:**

In Control: City Commission

File Created: 03/25/2019

Short Title: Sole Source / City Standard - Multistage Centrifugal
Air Blower for the Wastewater Treatment Plant

Final Action: 04/03/2019

Title: MOTION TO APPROVE THE GARDNER DENVER MULTISTAGE CENTRIFUGAL AIR BLOWER PRODUCT LINE AS THE CITY'S STANDARD AIR BLOWER FOR THE WASTEWATER TREATMENT PLANT AND TO APPROVE THE PURCHASE AND INSTALLATION OF TWO (2) HOFFMAN MODEL 751 MULTISTAGE CENTRIFUGAL AIR BLOWERS FROM THE SOLE SOURCE REPRESENTATIVE, TSC JACOBS, INC., IN AN AMOUNT NOT TO EXCEED \$467,514.90, WHICH INCLUDES A 10% OWNER'S CONTINGENCY IN THE AMOUNT OF \$41,373 AND A 3% PERMIT ALLOWANCE IN THE AMOUNT OF \$12,411.90, PURSUANT TO SECTION 38.18(C)(3) OF THE CITY'S PROCUREMENT CODE.

***Agenda Date:** 04/03/2019

Agenda Number:

Internal Notes:

Attachments: 1. Agreement with TSC Jacobs, Inc. for Air Blowers (Partially Executed), 2. Exhibit A, 3. Sole Source Letter from Gardner Denver Inc (Added to the Agenda 4-1-19)

Code Sections:

1 City Commission 04/03/2019 amend Pass

Action Text: A motion was made by Commissioner Good, Jr., seconded by Vice Mayor Schwartz, to amend the agreement to include the performance bond amount in the agreement itself. The contract to be executed would include the \$10,000 referred to in page 3 of Exhibit A of Item #8.

The motion carried by the following vote:

Aye: - 5 Mayor Ortis, Commissioner Castillo, Commissioner Schwartz,
Commissioner Siple, and Vice Mayor Good Jr.

Nay: - 0

MOTION TO APPROVE THE GARDNER DENVER MULTISTAGE CENTRIFUGAL AIR BLOWER PRODUCT LINE AS THE CITY'S STANDARD AIR BLOWER FOR THE WASTEWATER TREATMENT PLANT AND TO APPROVE THE PURCHASE AND INSTALLATION OF TWO (2) HOFFMAN MODEL 751 MULTISTAGE CENTRIFUGAL AIR BLOWERS FROM THE SOLE SOURCE REPRESENTATIVE, TSC JACOBS, INC., IN AN AMOUNT NOT TO EXCEED \$467,514.90, WHICH INCLUDES A 10% OWNER'S CONTINGENCY IN THE AMOUNT OF \$41,373 AND A 3% PERMIT ALLOWANCE IN THE AMOUNT OF \$12,411.90, PURSUANT TO SECTION 38.18(C)(3) OF THE CITY'S PROCUREMENT CODE.

SUMMARY EXPLANATION AND BACKGROUND:

1. The City owns and operates their Wastewater Treatment Plant located at 13955 Pembroke Road.
2. The City Wastewater Treatment Plant functions are based on fresh air being sent to the sewage by mechanical air blowers. Therefore, air blowers are critical infrastructure which requires reliable service and redundancy.
3. There has been several failures of the existing air blower equipment with associated repair costs.
4. On February 2, 2019, multiple failures of air blowers at the same time placed the WWTP into a crisis situation. Specifically, the west side of the wastewater treatment plant lost all redundancy and was down to 50% air blower capacity, leaving only one blower in service.
5. Failure of the air blowers will result in loss of proper sewage treatment and may result in violations, fines and public notifications.
6. The manufacturer of the existing air blowers has made repairs and returned most of the existing air blowers to service. However, the manufacturer has advised the City that this equipment has reached its useful life.
7. It is imperative that the City put back-up blowers in place as a contingency plan for further failure or if one of the existing air blowers is to reach complete failure.
8. The City desires to utilize Gardner Denver Multistage Centrifugal Air Blowers as the City Standard due to their reliability, longevity, simplicity and low maintenance costs. In addition, Gardner Denver Multistage Centrifugal Air Blowers are currently in service and have been used for many years at the City's Wastewater Treatment Plant and are commonly used throughout the region for these reasons.
9. Gardner Denver, Inc. has provided a sole source letter stating that "TSC-Jacobs/JAWS Jacobs Air Water Systems, Inc. has a 100% exclusive sales representation contract, since July 3, 2003, with the Gardner Denver Blower CF Division, for the complete state of Florida, for all markets including all of the municipal and industrial wastewater and/or water treatment blower

applications. This exclusivity is for the complete Gardner Denver CF multistage blower product line including the former Hoffman Air & Filtration Blower line, the former Lamson Corporation blower line, the former Invincible blower line, for all wastewater and water treatment applications in, municipal or industrial, sewage and water treatment plants. This 100% exclusivity not only applies to all new equipment sales, it also encompasses all installations, start-up and maintenance service contract for new and existing Gardner Denver, Hoffman, Lamson and Invincible blowers and exhausters in the state of Florida. This 100% exclusivity is also applicable for all Gardner Denver factory authorized service work, all replacement blowers, along with all spare and replacement blower and exhauster parts including motors and coupling replacement parts for the Gardner Denver multistage blowers."

10. TSC Jacobs, Inc., the sole source representative for Gardner Denver, Inc., has provided a quote for the purchase and installation of two (2) Hoffman Model 751 Multistage Centrifugal Air Blowers:

Description	Total
Both Blowers & Accessories	\$ 264,200
Blower Motor Starter & Safety Panel	\$ 77,180
Installation	\$ 57,850
Sub-Total	\$ 399,230
Sub-Total	\$ 399,230
Blower Piping Prep & High Heat Paint	\$ 4,500
100% Payment & Performance Bonds	\$ 10,000
Grand Total	\$ 413,730

11. Pursuant to section 35.18(C)(3) of the City's Procurement Code; City standard, single-source and sole-source commodities or services are exempt from competitive bidding.

12. The Utilities Division would also like to add a 10% Owner's Contingency to the project to cover any additional services needed along with a 3% permit allowance which will increase the total cost from \$413,730 to \$467,514.90.

13. Request the City Commission to approve the Gardner Denver Multistage Centrifugal Air Blower product line as the City's Standard Air Blower for the Wastewater Treatment Plant and to approve the purchase and installation of two (2) Hoffman Model 751 Multistage Centrifugal Air Blowers from the sole source representative, TSC Jacobs, Inc., in an amount not to exceed \$467,514.90, which includes a 10% owner's contingency in the amount of \$41,373 and a 3% permit allowance in the amount of \$12,411.90 pursuant to section 38.18(C)(3) of the City's Procurement Code.

FINANCIAL IMPACT DETAIL:

a) **Initial Cost:** \$467,514.90, which includes a 10% owner's contingency in the amount of \$41,373 and a 3% permit allowance in the amount of \$12,411.90.

b) **Amount budgeted for this item in Account No:** There is \$467,515 available in account

471-535-6022-64400 (Other Equipment).

c) **Source of funding for difference, if not fully budgeted:** Not Applicable.

d) **5 year projection of the operational cost of the project:** Based on a 5-year Phase-In electricity cost annually budgeted under account # 471-535-6022-43100 (Electric).

	Current FY	Year 2	Year 3	Year 4	Year 5
Revenues	N/A	N/A	N/A	N/A	N/A
Expenditures	\$53,000	\$105,000	\$158,000	\$210,000	\$263,000
Net Cost	\$53,000	\$105,000	\$158,000	\$210,000	\$263,000

e) **Detail of additional staff requirements:** Not Applicable.