



# City of Pembroke Pines, FL

601 City Center Way  
Pembroke Pines, FL  
33025  
www.ppines.com

## Agenda Request Form

### Agenda Number: 4.

**File ID:** 18-0458

**Type:** Agreements/Contracts

**Status:** Passed

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**Agenda  
Section:**

**In Control:** City Commission

**File Created:** 04/30/2018

**Short Title:** Ratification of Tomco Temporary CO2 Equipment  
Lease

**Final Action:** 05/23/2018

**Title:** MOTION TO RATIFY THE CITY MANAGER'S APPROVAL TO ENTER INTO AN AGREEMENT WITH TOMCO2 SYSTEMS COMPANY FOR THE RENTAL OF A TEMPORARY CARBON DIOXIDE (CO2) SYSTEM AT THE WATER TREATMENT PLANT AT THE COST OF \$3,500 PER MONTH.

**\*Agenda Date:** 05/23/2018

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#### Internal Notes:

**Attachments:** 1. TOMCO Agreement Fully Executed

1 City Commission 05/23/2018 approve Pass

**Action Text:** A motion was made by Commissioner Schwartz, seconded by Commissioner Castillo, to approve. The motion carried by the following vote:

**Notes:** Commissioner Schwartz read the item into the record by title. He addressed a question to City Manager Dodge. \$3,500 in the backup

Mr. Dodge called Riley Smith

Riley Smith addressed the commission.

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

Nay: - 0

MOTION TO RATIFY THE CITY MANAGER'S APPROVAL TO ENTER INTO AN AGREEMENT WITH TOMCO2 SYSTEMS COMPANY FOR THE RENTAL OF A TEMPORARY CARBON DIOXIDE (CO2) SYSTEM AT THE WATER TREATMENT PLANT AT THE COST OF \$3,500 PER MONTH.

**SUMMARY EXPLANATION AND BACKGROUND:**

1. On August 3, 2016, the City Commission ratified the City Manager's approval to enter into a contract with Cardinal Contractors for the Filter Bank Rehabilitation project at the Water Treatment Plant, in the amount of \$990,142 plus a 10% owner's contingency, for a total amount of \$1,089,156.20.
2. On April 5, 2017, the City Commission approved the First Amendment to the Agreement with Cardinal Contractors for the emergency repair project at the Water Treatment Plant, to add the emergency repair of the eight (8) Ion Exchange Units and filter cell recoating at a cost of \$2,725,479.90, which included a 10% owner's contingency, in accordance with Section 35.18(C)(1) of the procurement code.
3. The Utilities Division has begun enhancing the lime softening process by raising the pH in the treatment units. This process improvement is for additional color and disinfection byproduct precursor removal. In order to implement this treatment process modification a Carbon Dioxide Injection System to lower the pH after treatment and prior to the ion exchange and distribution was required as Chlorine gas alone would not lower the pH sufficiently.
4. In order to get the process in place, the Utilities Department approved to utilize the owner's contingency in the contract with Cardinal Contractors to have the contractor install a temporary Carbon Dioxide Injection System at the City's Water Treatment Plant.
5. On June 1, 2017, Cardinal Contractors executed an agreement with Tomco2 Systems Company for the rental of the temporary Carbon Dioxide Injection System.
6. Since July 11, 2017, the temporary Carbon Dioxide Injection System has been up and running at the City's Water Treatment Plant.
7. On August 2, 2017, the City Commission approved the purchase of a Permanent Carbon Dioxide Injection System at the City's Water Treatment Plant from TOMCO2 Systems, Inc.
8. In addition, on August 2, 2017 the City Commission also authorized the advertisement of PSUT-17-05 "Sodium Hypochlorite & CO2 Injection System." The purpose of this solicitation was to install and configure the Permanent Sodium Hypochlorite and Carbon Dioxide Injection System.
9. On December 20, 2017, the City Commission awarded PSUT-17-05 "Sodium Hypochlorite & CO2 Injection System" to RF Environmental Services in the amount of \$1,828,640 which includes a 10% owner's contingency in the amount of \$166,240 and a \$70,000 permit allowance. This project is estimated to be completed by RF Environmental by January 18,

2019 and will replace the Chlorine Gas with liquid Sodium Hypochlorite and CO2 for disinfection and lowering pH.

10. On March 21, 2018, the City Commission approved the Second Amendment to the Agreement with Cardinal Contractors for the emergency repair project at the Water Treatment Plant, to add additional services at a cost of \$383,041.

11. Cardinal Contractors maintained the lease of the temporary CO2 equipment throughout their contract period with the City for the Filter Bank and Ion Exchange project. Now that the Ion Exchange project has been completed, Cardinal Contractors requested for the Utilities Division to take over the lease agreement with Tomco2 Systems for the temporary CO2 equipment until the installation of the permanent system has been fully completed.

12. As a result, in order to keep the temporary CO2 system in place and to keep operations running, the City Manager approved the assignment of the lease agreement with Tomco2 Systems from Cardinal Contractors, in the amount of \$3,500 per month beginning on March 23, 2018.

13. Per Section 35.18(C)(1) of the City's Procurement Code; "In urgent cases of compelling emergency that require the immediate purchase of commodities or services, the City Manager is empowered to waive competitive bidding or competitive proposals and authorize the Chief Procurement Officer to secure by open market procedure any commodities or services, notwithstanding the estimated cost of the commodities or services." In addition, per section 35.21(A)(1), "[...] In such emergency situations, the City Manager may approve the purchase or contract, subject to later ratification by the City Commission. Emergency purchases are to be made only when the normal function and operation of the city would be hampered to such an extent by submittal of a requisition in the usual manner that it may effect the life, health or convenience of citizens."

14. The length of time of the rental of the temporary CO2 system will depend on the amount of time it will take for the Permanent CO2 system to be fully installed, however the Utilities Division is estimating approximately a 10 month period.

15. Request Commission to ratify the City Manager's approval enter into an agreement with Tomco2 Systems Company for the rental of a temporary carbon dioxide (CO2) system at the Water Treatment Plant at the cost of \$3,500 per month.

#### **FINANCIAL IMPACT DETAIL:**

**a) Initial Cost:** Approximately \$35,000 (\$3,500 per month for 10 months, March 23, 2018 through January 18, 2019)

**b) Amount budgeted for this item in Account No:** This is an unexpected expense, a budget adjustment will be done to move funds to 471-533-6031-44200 (Rents - Machinery & Equip.)

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

**d) 5 year projection of the operational cost of the project:** Not Applicable.

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