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**City of Pompano Beach
UTILITIES TREATMENT PLANT**

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MEMORANDUM NO. 19 - 36

DATE: September 24, 2019

TO: Jill Press, Acting General Services Director

FROM: Jason Mraz, Utilities Treatment Plants Operations Supervisor

C: Phil Hyer, Utilities Treatment Plants Superintendent *SM for PH*
A. Randolph Brown, Utilities Director *BB for ARB*

SUBJECT: Recommendation of Co-op Bid T-36-19 Award for Carbon Dioxide

Explanation:

The City of Pompano Beach Purchasing Department solicited bids on behalf of participating Southeast Florida Governmental Purchasing Cooperative agencies for the purchase of Carbon Dioxide.

Two bids were received, the lowest responsive bidder was Airgas USA, LLC and a cost of \$224.50 per ton. This is the same price we have been paying from the 2016 contract. The next bidder was Matheson Tri-Gas, Inc. at a cost of \$312.00 per ton. FY2019 we used approximately 151 tons at a cost of \$33,957 /year. We completed a CIP project in 2018 replacing our CO₂ system, and now feed carbonic acid instead of straight CO₂ gas. This greatly improved our efficiency and are now feeding approximately half as much as we used to.

The continued use of Carbon Dioxide is necessary for the production of drinking water at the City of Pompano Beach Water Treatment Plant. Carbon Dioxide is used to lower the pH of water following the lime softening treatment process, assisting in maintaining regulatory compliance.

Recommendation:

The Utilities Department recommends that the City Manager and City Commission award bid number T-36-19 to the lowest responsive bidder, Airgas USA, LLC. Funding is available in account 412-3320-533-52-05.