

PALM BEACH COUNTY
BOARD OF COUNTY COMMISSIONERS
AGENDA ITEM SUMMARY

Meeting Date: May 16, 2017 Consent [X] Regular []
Public Hearing []
Department: Water Utilities Department

I. EXECUTIVE BRIEF

Motion and Title: Staff recommends motion to approve: Work Authorization (WA) No. 4 for the Water Treatment Plant (WTP) No. 9 Permeate Flush Project (Project) with Globaltech, Inc. in the amount of \$1,999,288.

Summary: On March 10, 2015, the Board of County Commissioners (BCC) approved the Water Utilities Department (WUD) Contract for Optimization and Improvements Design-Build (Contract) with Globaltech, Inc. (R2015-0315). WA No. 4 will make improvements to the permeate flush and membrane cleaning systems of WTP No. 9 to improve operations and extend the life of the water treatment membranes. Specific work will include the construction of permeate storage and pumping intended to reduce biological fouling during process shutdown. The Small Business Enterprise (SBE) participation goal established by the SBE Ordinance is 15% overall. The Contract with Globaltech, Inc. provides for SBE participation of 75%. WA No. 4 includes 97.77% overall SBE participation. The cumulative SBE participation including this work authorization is 96.29% overall. Globaltech, Inc. is a Palm Beach County company. This Project is included in the Capital Improvement Plan adopted by the BCC. (WUD Project No. 13-003) District 5 (MJ)

Background and Justification: The proposed improvements provided for by WA No. 4 were formulated based on input from WTP No. 9 staff and water treatment consultant, Kimley-Horn & Associates. The Project will upgrade the existing membrane cleaning system and add an automated permeate flush system. The permeate flush system will extend the life of the membranes by flushing the raw water from the membrane trains which are in standby or resting to reduce biological growth and mineral deposition. WA No. 4 provides for professional design, permitting and construction services for the Project.

Attachments:

- 1. Location Map
- 2. Two (2) Original Work Authorization No. 4

Recommended By: Jim Stiles Department Director Date: 4-19-17
Approved By: [Signature] Deputy County Administrator Date: 5-4-17

II. FISCAL IMPACT ANALYSIS

A. Five Year Summary of Fiscal Impact:

Fiscal Years	2017	2018	2019	2020	2021
Capital Expenditures	<u>\$1,999,288</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
External Revenues	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
Program Income (County)	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
In-Kind Match County	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
NET FISCAL IMPACT	<u>\$1,999,288</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
# ADDITIONAL FTE POSITIONS (Cumulative)	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
Budget Account No.:	Fund <u>4011</u>	Dept <u>721</u>	Unit <u>W005</u>	Object <u>6541</u>	

Is Item Included in Current Budget? Yes X No

Reporting Category N/A

B. Recommended Sources of Funds/Summary of Fiscal Impact:

Capital expenditures funds from county.

C. Department Fiscal Review: Subramaniam

III. REVIEW COMMENTS

A. OFMB Fiscal and/or Contract Development and Control Comments:

Lea P... 4/24/17
OFMB 5/4/19

Dr. J. Jacobson 5/3/17
Contract Development and Control
5/3/17

B. Legal Sufficiency:

[Signature] 5/4/17
Assistant County Attorney

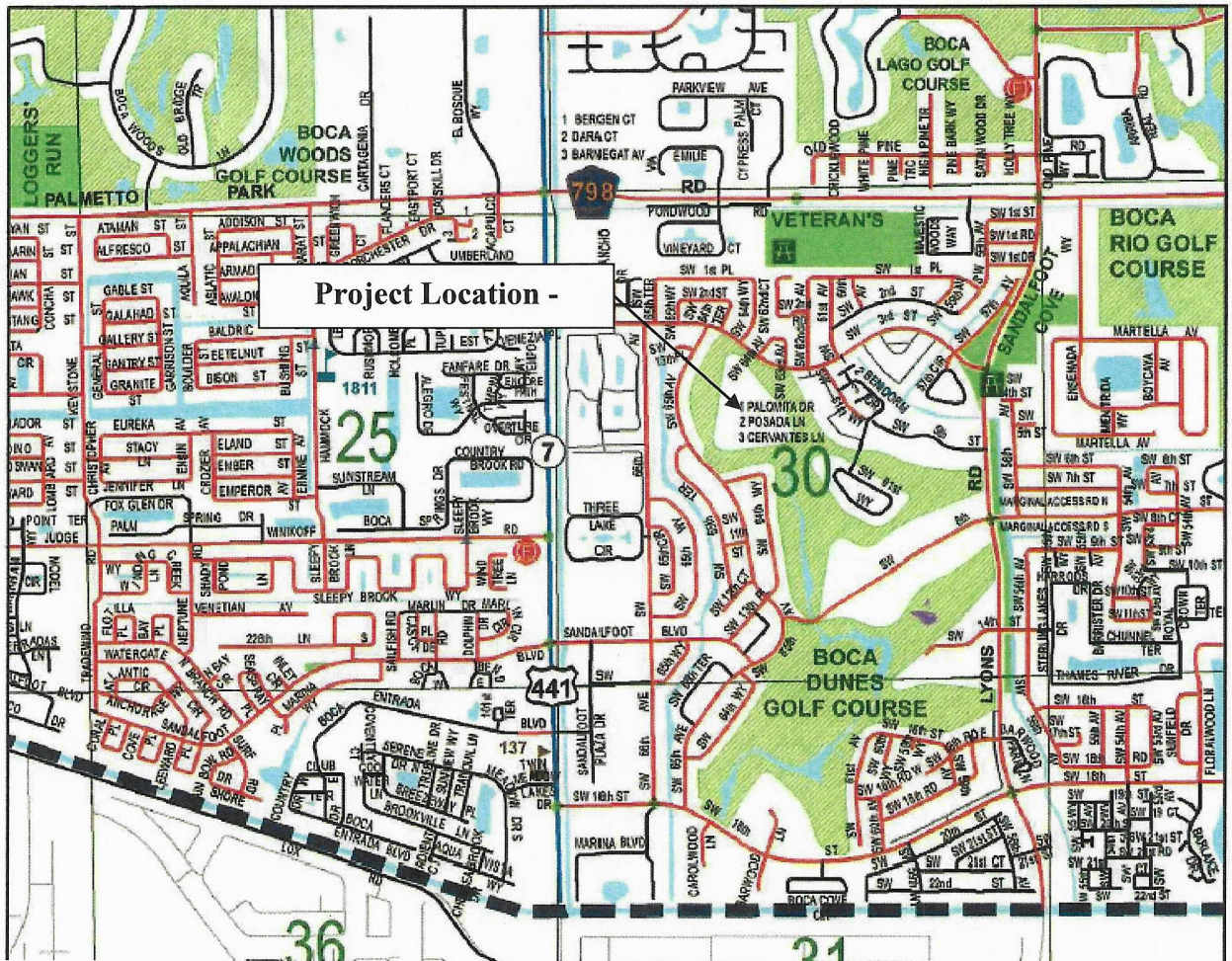
C. Other Department Review:

Department Director

ATTACHMENT 1
Location Map

TWP
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TWP
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