

PALM BEACH COUNTY  
 BOARD OF COUNTY COMMISSIONERS

AGENDA ITEM SUMMARY

Meeting Date: February 6, 2018

Consent  Regular   
 Public Hearing

Department: Water Utilities Department

I. EXECUTIVE BRIEF

**Motion and Title:** Staff recommends motion to approve: Work Authorization (WA) No. 12 for the Water Treatment Plant No. 9 (WTP 9) Improvements Design-Build (Project) with Globaltech, Inc., in the amount of \$1,127,526.57.

**Summary:** On March 10, 2015 the Board of County Commissioners (BCC) approved the Water Utilities Department (WUD) Contract for Optimization and Improvements Design-Build with Globaltech, Inc., (R2015-0315) (Contract). WA No. 12 provides for replacing the raw water main and associated chemical injection system. In addition, the urea system for the recently installed Tier 4 diesel emergency generator will be increased in capacity to provide for extended emergency operation. The Small Business Enterprise (SBE) participation goal established by the SBE Ordinance is 15% overall. The Contract provides for SBE participation of 75%. WA No. 12 includes 86.36% overall SBE participation. The cumulative SBE participation, including WA No. 12, is 95.48% overall. Globaltech, Inc., is headquartered in Palm Beach County. The Project is included in WUD's FY18 budget. (WUD Project No. 17-059) District 5 (MJ)

**Background and Justification:** The raw water acid feed system at WTP No. 9 has been determined to be too close to the transition from ductile iron pipe to stainless steel pipe. An emergency repair was performed when the ductile iron pipe failed. WA No. 12 provides for installation of 316 stainless steel pipe, an acid dilution system and a new static mixer thereby permanently correcting the previous emergency repair. In addition, WA No. 12 provides for a urea bulk storage tank to provide tanker truck shipments and eliminating handling of 55 gallon drums for the 2,000 KW diesel emergency generator which was completed in 2017. The urea supply will provide for extended run periods during emergency conditions such as power outages after hurricanes. Operating the Tier 4 generator without urea requires EPA notification under the Reciprocating Internal Combustion Engines National Emission Standards for Hazardous Air Pollutants (RICE NESHAP) rule as WTP No. 9 is on an interruptible load control rate with Florida Power and Light.

**Attachments:**

1. Four (4) Originals of WA No. 12
2. Location Map
3. Proof of Insurance from Insurance Tracking Service (ITS)

Recommended By: *Jim Stiles* 1-18-18  
 Department Director Date

Approved By: *[Signature]* 1-31-18  
 Deputy County Administrator Date

**II. FISCAL IMPACT ANALYSIS**

**A. Five Year Summary of Fiscal Impact:**

Fiscal Years	2018	2019	2020	2021	2022
Capital Expenditures	<u>\$1,127,527</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
Operating Costs	<u>0</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>
<b>NET FISCAL IMPACT</b>	<b><u>\$1,127,527</u></b>	<b><u>0</u></b>	<b><u>0</u></b>	<b><u>0</u></b>	<b><u>0</u></b>
# ADDITIONAL FTE POSITIONS (Cumulative)	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
<b>Budget Account No.:</b>	<b>Fund <u>4011</u></b>	<b>Dept <u>721</u></b>	<b>Unit <u>W005</u></b>	<b>Object <u>6541</u></b>	

Is Item Included in Current Budget? Yes   X   No       

Does this item include the use of federal funds? Yes        No   X  

Reporting Category   N/A  

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

One (1) time expenditure from user fees, connection fees and balance brought forward.



**C. Department Fiscal Review:** \_\_\_\_\_

**III. REVIEW COMMENTS**

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

John A. [Signature] 1/16/18  
 OFMB [Signature] 1/16/18  
 SO 1/16/18

[Signature] 1/19/18  
 Contract Development and Control  
 1/19/18

**B. Legal Sufficiency:**

[Signature] 1/30/18  
 Assistant County Attorney

**C. Other Department Review:**

\_\_\_\_\_  
 Department Director

This summary is not to be used as a basis for payment.