

PALM BEACH COUNTY  
BOARD OF COUNTY COMMISSIONERS

AGENDA ITEM SUMMARY

Meeting Date: December 7, 2021 Consent [X] Regular [ ]  
Public Hearing [ ]  
Department: Water Utilities Department

I. EXECUTIVE BRIEF

**Motion and Title: Staff recommends motion to approve:** Work Authorization (WA) No. 11 to the Contract for Optimization and Improvements Design-Build (Contract) with Globaltech, Inc., (Globaltech) for the Water Treatment Plant No. 11 (WTP11) Post-Treatment Chemical Improvements (Project) for a Guaranteed Maximum Price in the amount of \$4,461,141.64.

**Summary:** On January 15, 2019, the Board of County Commissioners approved the Palm Beach County Water Utilities Department (PBCWUD) Contract (R2019-0099) with Globaltech. WA No. 11 provides for the design and construction of proposed improvements to the post-treatment system improvements at WTP11. The proposed improvements will increase redundancy and reliability of the water treatment process. This Contract was procured under the requirements of the 2002 Small Business Enterprise (SBE) Ordinance (R2002-0064) prior to the adoption of the new Equal Business Opportunity Ordinance on October 16, 2018. The SBE participation goal established under the 2002 Ordinance was 15% overall participation. The Contract provides for 58% SBE participation, which includes 12% MBE participation, 10% MBE (H), 1% MBE (B) and 1% MBE (A). WA No. 11 includes 100% SBE participation, which includes 7.38% MBE participation, 2.65% MBE (H), 0.38% MBE (B), and 4.35% MBE (A). The cumulative SBE participation including WA No. 11 is 99.56% SBE, which includes 7.86% MBE participation, 5.07% MBE (H), 0.36% MBE (B), and 2.43% MBE (A). Globaltech is a Palm Beach County based Company. The Project is included in the PBCWUD FY22 budget. (PBCWUD Project No. 21-066) District 6 (MJ)

**Background and Justification:** WTP11 is the sole source of drinking water for the western communities consisting primarily of the Cities of Belle Glade, Pahokee and South Bay. Therefore, it is critical that WTP11 reliably and effectively treat and distribute drinking water. At the heart of the treatment process at WTP11 is the Reverse Osmosis (RO) membranes which treats the raw water from the Floridan Aquifer. For WTP11 to reliably and efficiently produce drinking water ancillary systems such as chemical dosing and cleaning systems need to operate reliably and efficiently. WA No. 11 will provide for design, permitting and construction services for: (i) the replacement of up to one hundred and ten (110) RO pressure vessels, (ii) a canopy over the high service pumps, (iii) a protective enclosure for the onsite compressor, (iv) improvements to the sodium hydroxide, antiscalant and corrosion inhibitor chemical storage and dosing systems, (v) installation of a scavenger tank on the degasifier cleaning system, (vi) minor RO Train improvements, and (viii) Membrane Process Building ventilation improvements. The Project scope is inclusive of instrumentation and electrical enhancements needed to support the implementation of the above referenced work.

**Attachments:**

- 1. Two (2) Originals of Work Authorization No. 11
- 2. Location Map
- 3. Certificates of Liability Insurance

Recommended By: Ali Bayat Department Director 11/10/21 Date

Approved By: Donna M. Nuth Assistant County Administrator 12/1/2021 Date

**II. FISCAL IMPACT ANALYSIS**

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

| Fiscal Years                                   | 2022                      | 2023                   | 2024                    | 2025                      | 2026            |
|--|---------------------------|------------------------|-------------------------|---------------------------|-----------------|
| Capital Expenditures                           | <u>\$4,461,142</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>\$4,461,142</u></b> | <b><u>0</u></b>        | <b><u>0</u></b>         | <b><u>0</u></b>           | <b><u>0</u></b> |
| <b># ADDITIONAL FTE POSITIONS (Cumulative)</b> | <b><u>0</u></b>           | <b><u>0</u></b>        | <b><u>0</u></b>         | <b><u>0</u></b>           | <b><u>0</u></b> |
| <b>Budget Account No.:</b>                     | <b>Fund <u>4011</u></b>   | <b>Dept <u>721</u></b> | <b>Unit <u>W026</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:** for Krypton Bell **GE**

**III. REVIEW COMMENTS**

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

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| <p><u>Lucy Ma</u> 11/10/21<br/>OFMB 11-10-21 BC 11/11/21</p> | <p><u>Dorcas J. Jacobson</u> 11/22/21<br/>Contract Development and Control<br/>11-17-21 TW</p> |
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B. **Legal Sufficiency:**  
[Signature] 11/23/21  
 Assistant County Attorney

C. **Other Department Review:**  
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 Department Director

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