



City of Boynton Beach Agenda Item Request Form

Meeting Date: 04/ 7/2026

Proposed Resolution No. R26-060- Approve Task Order No. 2 with Jacobs Engineering Group, Inc., in an amount not to exceed \$4,601,651 for Phase I, for intermediate design of West Water Treatment Plant upgrade and associated sub tasks based on the condition assessment and evaluation of treatment options to replace equipment, processes, and structures at end of life and to also meet upcoming drinking water regulations for emerging contaminants.

Requested Action: Staff recommends approval of Proposed Resolution No. R26-060

Explanation of Request: The City received a Florida Department of Environmental Protection State Revolving Fund (FDEP SRF) loan with principal forgiveness for \$5,400,000 for East and West Water Treatment Plant upgrades and treatment options evaluation, planning, and design for emerging contaminant removal. The SRF funding will be reimbursed to the City and the Utility CIP budget.

Jacobs Engineering Group Inc. was selected and contracted for the initial task approved by the Commission on January 21, 2025, for conducting a study, preparing a report, and performing engineering services to evaluate the ability of the existing treatment processes at the East Water Treatment Plant to meet the proposed emerging contaminants regulations and evaluate alternatives. This study and facilities plan also evaluated options for treatment at the West Water Treatment Plant and any upgrades needed to the treatment process, electrical system, instrumentation, and control components to automate the treatment process and meet regulations for emerging contaminants or other identified future regulations for potable water.

Jacobs Engineering Inc. completed the above task for \$770,000 and developed recommendations for both East and West Treatment Plants to meet the regulatory requirements and address the next steps to address source water options and design, hydrogeology assessment, preliminary and intermediate design of the West Water Treatment Plant, consumptive use permit coordination, and associated studies and subtasks. These tasks will be completed using the remaining funds from the FDEP SRF, \$4,601,651. In accordance with section 287.055(5), Florida Statutes, the City of Boynton Beach believes that the price proposal is deemed fair, competitive, and reasonable.

Subsequent tasks and subtasks for the consultant will require additional funding to complete detailed design of the West Water Treatment Plant upgrades, plan for the East Water Treatment Plant upgrade, and perform conceptual and detailed design, a pilot study, and other associated subtasks, including permitting coordination, bidding, and construction

management. Staff plans to apply for the additional funding from the FDEP SRF program to complete these tasks to help offset the cost. The Utility is working on a financial plan for the construction of the two water treatment plants.

How will this affect city programs or services? This will allow the City to complete design and subsequent construction of both upgraded water treatment plants that meet current and future regulatory requirements and provide adequate source water supply to meet future potable water demands based on population projections

Budgeted Item: Yes

Account Line Item and Description: Utility CIP Account 403-5025-533-65.02

Fiscal Impact: This part of the project has adequate budgets, future tasks will be funded from either grant or loans or Utility reserves.

Attachments:

[Agenda Item 4408-2026 Jacobs Engineering Task Order No. 2.docx](#)

[Exhibit A to Resolution - Task Order No. 2 signed.pdf](#)

[R25-027-signed contract.pdf](#)

[R25-028-budget amendment-SRF Loan.pdf](#)

[Loan Agmt - DW501300.pdf](#)

[Loan Agmt Amd #1 Fully Executed.pdf](#)