# City of Boynton Beach
# Agenda Item Request Form

**Meeting Date: 12/ 2/2025**

**Proposed Resolution No. R25-321- Approve Task Order No. GESUT-1A-01-25 with Carollo Engineers, Inc. for professional engineering services, including project management, contract specifications, bid assistance, design services, and construction management services for the East Water Treatment Plant Lime Softening Basin Structure Repair Project in an amount not to exceed $120,025.**

**Requested Action:** Staff recommends approval of Proposed Resolution No. R25-321.

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**Explanation of Request:** Boynton Beach Utilities is utilizing the General Engineering Consulting Services Contract (RFQ No. CW24-001, Scope Category A), as awarded by the City Commission on November 19, 2024, to support the implementation of critical Utilities Capital Improvement Projects. Under this Task Order, Carollo Engineers, Inc. will provide comprehensive professional services, including project management, contract specifications, bid assistance, design services, and construction management services for the East Water Treatment Plant Lime Softening Basin Structure Repair Project.

This purchase is being procured through the City's Continuing Services Contract (GES Contract) for engineering and design services. In accordance with the requirements of the Competitive Consultants Negotiation Act (CCNA), the City maintains a rotation list of qualified firms across multiple disciplines. Carollo Engineers, Inc. is the next firm on the rotation list. Staff has reviewed the submitted proposal and determined that it is fair, competitive, and reasonable pursuant to Florida Statute 287.055.

The East Water Treatment Plant is a 24-MGD lime softening facility that treats potable water for the City of Boynton Beach. The existing softener steel structures are experiencing significant corrosion, including pitting and localized failure of steel surfaces. A moderate-term rehabilitation is required to maintain structural integrity and operability until the forthcoming East WTP PFAS/Emerging Contaminants Project is constructed (estimated ~5 years).

This project will apply a Tnemec-type protective coating system and perform minor structural repairs to extend the service life of the softeners and prevent failures that could jeopardize water production capacity.

**How will this affect city programs or services?** This project will enhance the reliability and efficiency of the City's water infrastructure by applying a supportive and protective coating to

the aging and deteriorating lime softening basin metal structures that is compliant with American Water Works Associations specifications. The improvements will reduce the frequency of paint application to the surfaces while protecting from corrosion.

Overall, this rehabilitation provides a cost-effective bridge solution, ensuring uninterrupted treatment operations and public health protection while the City advances major treatment plant upgrades.

**Budgeted Item:** Yes

**Account Line Item and Description:** 403-5000-533-65.02- WT2103- East Water Treatment Plant R&R

**Fiscal Impact:** The total Task Order amount is $120,025
Funding is available in Utilities CIP Accounts:
403-5000-533-65.02- WT2103- East Water Treatment Plant R&R ($1,000,000 is available, 500K via adopted Budget 25/26 and $500,000 Via rollover funds from 24/25 budget)

Budget Transfer will be completed from WT2103- EWTP R&R to a new project WT25XX once it is created

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**Attachments:**
R25-321 Agenda_Item_4016-2025_Resolution_for_Task_Order_GESUT_1A_01_25.docx
Exh A to Reso - GES Task Order Template (Commission Approval Required).docx
Softener Improvments Exhibit A Nov 4 2025.pdf
Softener Improvements Exhibit B Nov 4 2025.pdf
Carollo Engineering, Inc. fully executed agmt.pdf
R24-291 (1).pdf
City of Boynton Beach-CW24 001-Cert 25-26.pdf